SEQUENCE LISTING

<110> Arrowhead Pharmaceuticals, Inc.
Stacey Melquist
Steven Kanner
David B. Rozema
David L. Lewis
Lauren J. Almeida
Darren H. Wakefield
Vladimir S. Trubetskoy
Tao Pei
Zhen Li
Aaron Almeida

<120> Compositions and Methods for Inhibiting Gene Expression of LPA

<130> 30628-WO1

<150> 62235816
<151> 2015-10-01

<160> 1285

<210> 1
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 1
tcggcagucc cuucugcgut t 21

<210> 2
<211> 21
<212> DNA
<213>artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 2
tguagcacuc cugcacccct t 21

<210> 3
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 3
taauaagggg cugccacagt t 21

<210> 4
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 4
tuaacaauaa ggggcugcct t 21

<210> 5
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 5
tguauaacaa uaaggggcut t 21

<210> 6
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 6
tcguauaaca auaaggggct t 21

<210> 7
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 7
tcgucugagc auugugucat t 21

<210> 8
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 8
tgcgucugag cauuguguct t 21

<210> 9
<211> 21

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 9
tugcgucuga gcauugugut t   21

<210> 10
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 10
tucugcgucu gagcauugut t   21

<210> 11
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 11
tggaucugga uuucggcagt t   21

<210> 12
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 12
tcaggaucug gauuucggct t   21

<210> 13
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 13
tcaucugagc aucgugucat t   21

<210> 14
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 14
tgcaucugag caucguguct t   21

<210> 15
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 15
tugcaucuga gcaucgugut t 21

<210> 16
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 16
tucugcaucu gagcaucgut t 21

<210> 17
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 17
taaagccucu aggcuuggat t 21

<210> 18
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19

<223> /mod_base = "2'-hydroxy nucleoside"

<400> 18
tguaccccgg gggguuuccut t   21

<210> 19
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 19
tuguaccccg gggguuucct t   21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 20
tcuguacccc gggggguuuct t   21

<210> 21
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 21

tuccauaaug guaguagcat t 21

<210> 22
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 22
tguccauaau gguaguagct t 21

<210> 23
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 23
tcucugucca uaaugguagt t 21

<210> 24
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 24
tcgacuaugc uggugguggut t 21

<210> 25
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 25
tccgacuaug cugguguggt t 21

<210> 26
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 26
tuccgacuau gcuggugugt t 21

<210> 27
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 27
tgguccgacu augcuggugt t 21

<210> 28
<211> 21
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 28
tuuucugggg uccgacuaut t 21

<210> 29
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 29
tuuuucuggg guccgacuat t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 30
tgcgaaucuc agcaucuggt t 21

<210> 31
<211> 21
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 31
tccaagggcg aaucucagct t 21

<210> 32
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 32
taccaagggc gaaucucagt t 21

<210> 33
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 33
tcaccaaggg cgaaucucat t 21

<210> 34
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>

<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 34
tacaccaagg gcgaaucuct t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 35
tccugacacu gggauccaut t 21

<210> 36
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 36
tugcaaggac acuugauuct t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 37
tuugcaagga cacuugauut t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 38
tuugcuccgu uggugcuuct t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 39
taaugagccu cgauaacuct t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 40
tgaaugagcc ucgauaacut t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 41
tggauaauau ucuguuguct t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 42
tccaugguau aacaccaagt t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 43
tgauccaugg uauaacacct t 21

<210> 44

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 44
tauugggauc caugguauat t 21

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 45
tcauugggau ccaugguaut t 21

<210> 46
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 46
tacauuggga uccaugguat t 21

<210> 47
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 47
tgacauuggg auccauggut t   21

<210> 48
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 48
tgacauugug ucagguugct t   21

<210> 49
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 49
tcacuggaca uugugucagt t   21

<210> 50
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 50
tacuugauuc ugucacuggt t   21

<210> 51
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 51
tgagaaugag ccucgauaat t   21

<210> 52
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 52
tccauuuggg uaguauucut t   21

<210> 53
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 53
tcaccauuug gguaguauut t   21

<210> 54
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 54
tccaccauuu ggguaguaut t   21

<210> 55
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 55
tauaacacca agggcgaaut t   21

<210> 56
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 56
tacugggauc caugguauat t 21

<210> 57
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 57
tcacugggau ccaugguaut t 21

<210> 58
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 58
taccaccgug ggaguugugt t 21

<210> 59
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 59
tcaagacuga cauguucuut t 21

<210> 60
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 60
tgggaguugu gaggacacut t 21

<210> 61
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 61
tucucaggug gugcuuguut t 21

<210> 62
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 62
tcacagggcu uuucucaggt t 21

<210> 63
<211> 21

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 63
tgaugccagu gugguaucat t   21

<210> 64
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 64
tugaugccag ugugguauct t   21

<210> 65
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 65
tgacaccuga uucuguuuct t   21

<210> 66
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 66
tggacaccug auucuguuut t   21

<210> 67
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 67
tcuaggacac cugauucugt t   21

<210> 68
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 68
tauaaggggc ugccacaggt t   21

<210> 69
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 69
taacaauaag gggcugccat t   21

<210> 70
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 70
tguccgacua ugcuggugut t   21

<210> 71
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 71
tucucagcau cuggauucct t   21

<210> 72
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19

<223> /mod_base = "2'-hydroxy nucleoside"

<400> 72
tcgaaucuca gcaucuggat t 21

<210> 73
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 73
taagggcgaa ucucagcaut t 21

<210> 74
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 74
tugacacugg gauccauggt t 21

<210> 75
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 75

tccguuggug cuucuucagt t 21

<210> 76
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 76
tcuugauucu gucacuggat t 21

<210> 77
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 77
tcaccguggg aguugugagt t 21

<210> 78
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 78
tucuaggaca ccugauucut t 21

<210> 79
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 79
tagucucuag gacaccugat t 21

<210> 80
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 80
tcaauaaggg gcugccacat t 21

<210> 81
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 81
tcugcgucug agcauugugt t 21

<210> 82
<211> 21
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 82
tacaggaucu ggauuucggt t   21

<210> 83
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 83
tccggggguu uccucaguct t   21

<210> 84
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 84
tuguccauaa ugguaguagt t   21

<210> 85
<211> 21
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 85
tucuguccau aaugguagut t 21

<210> 86
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 86
tacucugucc auaaugguat t 21

<210> 87
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 87
taacucuguc cauaauggut t 21

<210> 88
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>

<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 88
tgggcgaauc ucagcaucut t 21

<210> 89
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 89
tagggcgaau cucagcauct t 21

<210> 90
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 90
taacaccaag ggcgaaucut t 21

<210> 91
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 91
taggacacuu gauucuguct t 21

<210> 92
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 92
tggaccaaga cugacaugut t 21

<210> 93
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 93
tggucaggcc accauuuggt t 21

<210> 94
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 94
tauccauggu auaacaccat t 21

<210> 95
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 95
tgggauccau gguauaacat t 21

<210> 96
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 96
tuggacauug ugucagguut t 21

<210> 97
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 97
tauucuguca cuggacauut t 21

<210> 98

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 98
tggugcuugu ucagaaacat t 21

<210> 99
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 99
tggagaauga gccucgauat t 21

<210> 100
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 100
tguggagaau gagccucgat t 21

<210> 101
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 101
tccgugggag uugugaggat t   21

<210> 102
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 102
tggaccaccg ugggaguugt t   21

<210> 103
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 103
tugcuuguuc agaaggagct t   21

<210> 104
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 104
tcugaugcca gugugguaut t 21

<210> 105
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 105
tuaggacacc ugauucugut t 21

<210> 106
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 106
tcucuaggac accugauuct t 21

<210> 107
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 107
tucucuagga caccugauut t   21

<210> 108
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 108
tgucucuagg acaccugaut t   21

<210> 109
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 109
tgagaaugag ccucgauaac ucuuau   26

<210> 110
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 110
tgacaccuga uucuguuucu gaguau 26

<210> 111
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 111
tcguauaaca auaaggggcu gccuau 26

<210> 112
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 112
tgcgucugag cauuguguca gguuau 26

<210> 113
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 113
tugcgucuga gcauuguguc agguau 26

<210> 114
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 114
taagggcgaa ucucagcauc ugguau 26

<210> 115
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 115
uuaacaauaa ggggcugc 18

<210> 116
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 116
uguauaacaa uaaggggc 18

<210> 117
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 117
ucguauaaca auaagggg 18

<210> 118
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 118
ugcgucugag cauugugu 18

<210> 119
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 119
uugcgucuga gcauugug 18

<210> 120
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 120
ucaggaucug gauuucgg 18

<210> 121
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 121
uugcaucuga gcaucgug 18

<210> 122
<211> 18
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<400> 122
ucgacuaugc uggugugg 18

<210> 123
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 123
uuuucugggg uccgacua 18

<210> 124
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 124
ugcgaaucuc agcaucug 18

<210> 125
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 125
uugcaaggac acuugauu 18

<210> 126
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 126
uaaugagccu cgauaacu 18

<210> 127
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 127
ugaaugagcc ucgauaac 18

<210> 128
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 128
ugacauugug ucagguug 18

<210> 129
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 129
ugagaaugag ccucgaua 18

<210> 130
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 130
uccauuuggg uaguauuc 18

<210> 131
<211> 18
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<400> 131
ucaccauuug gguaguau 18

<210> 132
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 132
ugacaccuga uucuguuu 18

<210> 133
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 133
uggacaccug auucuguu 18

<210> 134
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 134
uuaacaauaa ggggcug 17

<210> 135
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 135
uguauaacaa uaagggg 17

<210> 136
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 136
ucguauaaca auaaggg 17

<210> 137
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 137
ugcgucugag cauugug 17

<210> 138
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 138
uugcgucuga gcauugu 17

<210> 139
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 139
ucaggaucug gauuucg 17

<210> 140
<211> 17
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<400> 140
uugcaucuga gcaucgu 17

<210> 141
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 141
ucgacuaugc uggugug 17

<210> 142
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 142
uuuucugggg uccgacu 17

<210> 143
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 143
ugcgaaucuc agcaucu 17

<210> 144
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 144
uugcaaggac acuugau 17

<210> 145
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 145
uaaugagccu cgauaac 17

<210> 146
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 146
ugaaugagcc ucgauaa 17

<210> 147
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 147
ugacauugug ucagguu 17

<210> 148
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 148
ugagaaugag ccucgau 17

<210> 149
<211> 17
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<400> 149
uccauuuggg uaguauu 17

<210> 150
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 150
ucaccauuug gguagua 17

<210> 151
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 151
ugacaccuga uucuguu 17

<210> 152
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 152
uggacaccug auucugu 17

<210> 153
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 153
ugagaaugag ccucgauaac ucuuau 26

<210> 154
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 154
ugacaccuga uucuguuucu gaguau 26

<210> 155
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1-22,24-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 155
ugagaaugag ccucgauaac uctuau 26

<210> 156
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 156
ucguauaaca auaaggggcu gccuau 26

<210> 157
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 157
ugagaaugag ccucgauaat t 21

<210> 158
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 158
ucguauaaca auaaggcgcu gccuau 26

<210> 159
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1-16
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 159
ugagaaugag ccucgat 17

<210> 160
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1-15
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 160
ugacaccuga uucugtt 17

<210> 161
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 161
ucguauaaca auaaggggcu gauu 24

<210> 162
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 162
ucguauaaca auaaggggcu gcuu 24

<210> 163
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 163
ugagaaugag ccucgauaac ucuu 24

<210> 164
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 164
ucguauaaca auaaggggcu u 21

<210> 165
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 165
uguauaacaa uaagggg 17

<210> 166
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 166
ucguauaaca auaaggg 17

<210> 167
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1-16
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 167
ugagaaugag ccucgat 17

<210> 168
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1-15
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 168
ugacaccuga uucugtt 17

<210> 169
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 169
tucguauaac aauaaggggc ugccua   26

<210> 170
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 170
uaucguauaa caauaagggg cugccu   26

<210> 171
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 171
tccguauaac aauaaggggc ugccua   26

<210> 172
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 172
cuccguauaa caauaagggg cugccu   26

<210> 173
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 173
tugagaauga gccucgauaa cucuua 26

<210> 174
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 174
uaugagaaug agccucgaua acucuu 26

<210> 175
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 175
tggagaauga gccucgauaa cucuua 26

<210> 176
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 176
guggagaaug agccucgaua acucuu 26

<210> 177
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 177
ugagaaugag ccucgauaau u 21

<210> 178
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-21
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 178
tcguauaaca auaaggggcu u 21

<210> 179
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 179
ugagaaugag ccucgauaau uauaua 26

<210> 180
<211> 23
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 180
ucguauaaca auaaggggcu gcc 23

<210> 181
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-24
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 181
tucguauaac aauaaggggc ugcc 24

<210> 182
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 182
tucguauaac aauaaggggc ug 22

<210> 183
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 183
ugagaaugag ccucgauaac uaucgc 26

<210> 184
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 184
ugagaaugag ccucgauaac uauuca 26

<210> 185
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 185
ugagaaugag ccucgauaac uacgau 26

<210> 186
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 186
ucguauaaca auaaggggcg u 21

<210> 187
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 187
ucguauaaca auaaggggcu gccu 24

<210> 188
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 188
ucguauaaca auaaggggcu g 21

<210> 189

<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-24
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 189
tcguauaaca auaaggggcu gcuu 24

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 190
acgcagaagg gacugccgat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 191
ggggugcagg agugcuacat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 192
cuguggcagc cccuuauuat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 193
ggcagccccu uauuguuaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 194
agccccuuau uguuauacat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 195
gccccuuauu guuauacgat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 196
ugacacaaug cucagacgat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 197
gacacaaugc ucagacgcat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 198
acacaaugcu cagacgcaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 199
acaaugcuca gacgcagaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 200
cugccgaaau ccagauccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 201
gccgaaaucc agauccugat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 202
ugacacgaug cucagaugat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 203
gacacgaugc ucagaugcat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 204
acacgaugcu cagaugcaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 205
acgaugcuca gaugcagaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 206
uccaagccua gaggcuuuat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 207
aggaaacccc cgggguacat 20

<210> 208
<211> 20

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 208
ggaaaccccc gggguacaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 209
gaaacccccg ggguacagat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 210
ugcuacuacc auuauggaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 211
gcuacuacca uuauggacat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 212
cuaccauuau ggacagagat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 213
accacaccag cauagucgat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 214
ccacaccagc auagucggat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 215
cacaccagca uagucggaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 216
caccagcaua gucggaccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19

<223> /mod_base = "2'-hydroxy nucleoside"

<400> 217
auagucggac cccagaaaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 218
uagucggacc ccagaaaaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 219
ccagaugcug agauucgcat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 220

gcugagauuc gcccuuggat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 221
cugagauucg cccuugguat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 222
ugagauucgc ccuuggugat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 223
gagauucgcc cuugguguat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 224
auggauccca gugucaggat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 225
gaaucaagug uccuugcaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 226
aaucaagugu ccuugcaaat 20

<210> 227
<211> 20
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 227
gaagcaccaa cggagcaaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 228
gaguuaucga ggcucauuat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 229
aguuaucgag gcucauucat 20

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

<220>

<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 230
gacaacagaa uauuauccat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 231
cuugguguua uaccauggat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 232
gguguuauac cauggaucat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 233
uauaccaugg aucccaauat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 234
auaccaugga ucccaaugat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 235
uaccauggau cccaauguat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 236
accauggauc ccaaugucat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 237
gcaaccugac acaaugucat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 238
cugacacaau guccagugat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 239
ccagugacag aaucaaguat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 240
uuaucgaggc ucauucucat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 241
agaauacuac ccaaauggat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 242
aauacuaccc aaauggugat 20

<210> 243

<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 243
auacuaccca aaugguggat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 244
auucgcccuu gguguuauat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 245
uauaccaugg aucccaguat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 246
auaccaugga ucccagugat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 247
cacaacuccc acggugguat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 248
aagaacaugu cagucuugat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 249
aguguccuca caacucccat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 250
aacaagcacc accugagaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 251
ccugagaaaa gcccugugat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 252
ugauaccaca cuggcaucat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 253
gauaccacac uggcaucaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 254
gaaacagaau caggugucat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 255
aaacagaauc agguguccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 256
cagaaucagg uguccuagat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 257
ccuguggcag ccccuuauat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 258
uggcagcccc uuauuguuat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 259
acaccagcau agucggacat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 260
ggaauccaga ugcugagaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 261
uccagaugcu gagauucgat 20

<210> 262
<211> 20

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 262
augcugagau ucgcccuuat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 263
ccauggaucc cagugucaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 264
cugaagaagc accaacggat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 265
uccagugaca gaaucaagat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 266
cucacaacuc ccacggugat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 267
agaaucaggu guccuagaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 268
ucaggugucc uagagacuat 20

<210> 269
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 269
uauagccccu uauuguuaua cat 23

<210> 270
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 270
uaugccccuu auuguuauac gat 23

<210> 271
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22

<223> /mod_base = "2'-hydroxy nucleoside"

<400> 271
uaugacacaa ugcucagacg cat   23

<210> 272
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 272
uauacacaau gcucagacgc aat   23

<210> 273
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 273
uauuuaucga ggcucauucu cat   23

<210> 274
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 274

uaugaaacag aaucaggugu cat 23

<210> 275
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 275
uauacaccag cauagucgga cat 23

<210> 276
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 276
uauuccagau gcugagauuc gat 23

<210> 277
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 277
uauaugcuga gauucgcccu uat 23

<210> 278
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-22
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 278
uauccaugga ucccaguguc aat 23

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 279
uguggcagcc ccuuauugat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 280
cacaaugcuc agacgcagat 20

<210> 281
<211> 20
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 281
ccgaaaucca gauccuguat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 282
gacugaggaa acccccggat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 283
cuacuaccau uauggacaat 20

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

<220>

<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 284
acuaccauua uggacagaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 285
uaccauuaug gacagaguat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 286
accauuaugg acagaguuat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 287
agaugcugag auucgcccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 288
gaugcugaga uucgcccuat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 289
agauucgccc uugguguuat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 290
gacagaauca aguguccuat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 291
acaugucagu cuugguccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 292
ccaaauggug gccugaccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 293
uggugguuaua ccauggauat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 294
uguuauacca uggaucccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 295
aaccugacac aauguccaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 296
aauguccagu gacagaauat 20

<210> 297

<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 297
uguuucugaa caagcaccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 298
uaucgaggcu cauucuccat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 299
ucgaggcuca uucuccacat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 300
uccucacaac ucccacggat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 301
caacucccac ggugguccat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 302
gcuccuucug aacaagcaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 303
auaccacacu ggcaucagat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 304
acagaaucag guguccuaat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 305
gaaucaggug uccuagagat   20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 306
aaucaggugu ccuagagaat 20

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

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 307
aucagguguc cuagagacat 20

<210> 308
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 308
uauauaguua ucgaggcuca uucuca 26

<210> 309
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 309
uauaucagaa acagaaucag guguca 26

<210> 310
<211> 26
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<400> 310
uauaucagcc ccuuauuguu auacga 26

<210> 311
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 311
uauaucugac acaaugcuca gacgca 26

<210> 312
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 312
uauauugaca caaugcucag acgcaa 26

<210> 313
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 313
uauauagaug cugagauucg cccuua 26

<210> 314
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 314
gcagccccuu auuguuaa 18

<210> 315
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 315
gccccuuauu guuauaca 18

<210> 316
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 316
ccccuuauug uuauacga 18

<210> 317
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 317
acacaaugcu cagacgca 18

<210> 318
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 318
cacaaugcuc agacgcaa 18

<210> 319
<211> 18
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<400> 319
ccgaaaucca gauccuga 18

<210> 320
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 320
cacgaugcuc agaugcaa 18

<210> 321
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 321
ccacaccagc auagucga 18

<210> 322
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 322
uagucggacc ccagaaaa 18

<210> 323
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 323
cagaugcuga gauucgca 18

<210> 324
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 324
aaucaagugu ccuugcaa 18

<210> 325
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 325
aguuaucgag gcucauua 18

<210> 326
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 326
guuaucgagg cucauuca 18

<210> 327
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 327
caaccugaca caauguca 18

<210> 328
<211> 18
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<400> 328
uaucgaggcu cauucuca 18

<210> 329
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 329
gaauacuacc caaaugga 18

<210> 330
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 330
auacuaccca aaugguga 18

<210> 331
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 331
aaacagaauc agguguca 18

<210> 332
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 332
aacagaauca ggugucca 18

<210> 333
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 333
cagccccuua uuguuaa 17

<210> 334
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 334
ccccuuauug uuauaca 17

<210> 335
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 335
cccuuauugu uauacga 17

<210> 336
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 336
cacaaugcuc agacgca 17

<210> 337
<211> 17
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<400> 337
acaaugcuca gacgcaa 17

<210> 338
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 338
cgaaauccag auccuga 17

<210> 339
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 339
acgaugcuca gaugcaa 17

<210> 340
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 340
cacaccagca uagucga 17

<210> 341
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 341
agucggaccc cagaaaa 17

<210> 342
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 342
agaugcugag auucgca 17

<210> 343
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 343
aucaaguguc cuugcaa 17

<210> 344
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 344
guuaucgagg cucauua 17

<210> 345
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 345
uuaucgaggc ucauuca 17

<210> 346
<211> 17
<212> RNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<400> 346
aaccugacac aauguca 17

<210> 347
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 347
aucgaggcuc auucuca 17

<210> 348
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 348
aauacuaccc aaaugga 17

<210> 349
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 349
uacuacccaa augguga 17

<210> 350
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 350
aacagaauca gguguca 17

<210> 351
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 351
acagaaucag gugucca 17

<210> 352
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 352
uauaucagcg ccuuauuguu auacga 26

<210> 353
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3-17
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 353
atcgaggcuc auucuca 17

<210> 354
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 354
ucagccccuu auuguuauac gauu 24

<210> 355

<211> 22
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 355
ucagccccuu auuguuauac ga 22

<210> 356
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 356
uaguuaucga ggcucauucu cauu 24

<210> 357
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 357
gccccuuauu guuauacgau u 21

<210> 358
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-25
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 358
auaucagccc cuuauuguua uacgat 26

<210> 359
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-25
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 359
uaucagcccc uuauuguuau acgaut   26

<210> 360
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-25
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 360
auauaguuau cgaggcucau ucucat   26

<210> 361
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-25
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 361
uauaguuauc gaggcucauu cucaut   26

<210> 362
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 362
uuaucgaggc ucauucucau u   21

<210> 363
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 363
uauauaauua ucgaggcuca uucuca   26

<210> 364
<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-23
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 364
ggcagccccu uauuguuaua cgatt   25

<210> 365
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-25
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 365
ggcagccccu uauuguuaua cgauut   26

<210> 366

<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1-21
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 366
cagccccuua uuguuauacg atttt 25

<210> 367
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 367
gcgauaguua ucgaggcuca uucuca 26

<210> 368
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 368
ugaauaguua ucgaggcuca uucuca 26

<210> 369
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 369
aucguaguua ucgaggcuca uucuca 26

<210> 370
<211> 26

<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 370
uauaaaguua ucgaggcuca uucuca 26

<210> 371
<211> 20
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 371
agccccuuau uguuauacga 20

<210> 372
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 372
aagccccuua uuguuauacg a 21

<210> 373
<211> 22
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 373
gcagccccuu auuguuauac ga 22

<210> 374
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 374
uauauaguua ucgaggcuca uucuca 26

<210> 375
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 375
acgccccuua uuguuauacg a 21

<210> 376
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 376
gccccuuauu guuauacgau u 21

<210> 377
<211> 22
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 377
agccccuuau uguuauacga uu 22

<210> 378
<211> 23
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 378
aagccccuua uuguuauacg auu 23

<210> 379
<211> 24

<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 379
uaucagcccc uuauuguuau acga 24

<210> 380
<211> 24
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 380
uagcagcccc uuauuguuau acga 24

<210> 381
<211> 22
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 381
gcagccccuu auuguuauac ga 22

<210> 382
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 382
auaagaguua ucgaggcuca uucuca 26

<210> 383
<211> 26
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 383
auaggcagcc ccuuauuguu auacga 26

<210> 384
<211> 21
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 384
cagccccuua uuguuauacg a 21

<210> 385
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,14,15,16,17,18,19,20,21,22,23,
24,25,26
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 385
uauaucagcc cctuauuguu auacga 26

<210> 386
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 386
tcggcagucc cuucugcgut t 21

<210> 387
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 387
tguagcacuc cugcacccct t 21

<210> 388
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 388
taauaagggg cugccacagt t   21

<210> 389
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 389
tuaacaauaa ggggcugcct t   21

<210> 390
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 390
tguauaacaa uaaggggcut t   21

<210> 391
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 391
tcguauaaca auaaggggct t   21

<210> 392
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 392
tcgucugagc auugugucat t 21

<210> 393
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 393
tgcgucugag cauuguguct t 21

<210> 394
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 394
tugcgucuga gcauugugut t 21

<210> 395
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 395
tucugcgucu gagcauugut t 21

<210> 396
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 396
tggaucugga uuucggcagt t 21

<210> 397
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 397
tcaggaucug gauuucggct t 21

<210> 398
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 398
tcaucugagc aucgugucat t   21

<210> 399
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 399
tgcaucugag caucguguct t   21

<210> 400
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 400
tugcaucuga gcaucgugut t 21

<210> 401
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 401
tucugcaucu gagcaucgut t 21

<210> 402
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 402
taaagccucu aggcuuggat t   21

<210> 403
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 403
tguaccccgg ggguuuccut t   21

<210> 404
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 404
tuguaccccg gggguuucct t   21

<210> 405
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 405
tcuguacccc gggggguuuct t   21

<210> 406
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 406
tuccauaaug guaguagcat t 21

<210> 407
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 407
tguccauaau gguaguagct t 21

<210> 408
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 408
tcucugucca uaaugguagt t   21

<210> 409
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 409
tcgacuaugc uggugguggut t   21

<210> 410
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 410
tccgacuaug cugguguggt t 21

<210> 411
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 411
tuccgacuau gcuggugugt t 21

<210> 412
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 412
tgguccgacu augcuggugt t 21

<210> 413
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 413
tuuucugggg uccgacuaut t 21

<210> 414
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 414
tuuuucuggg guccgacuat t   21

<210> 415
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 415
tgcgaaucuc agcaucuggt t   21

<210> 416
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 416
tccaagggcg aaucucagct t 21

<210> 417
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 417
taccaagggc gaaucucagt t 21

<210> 418
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 418
tcaccaaggg cgaaucucat t   21

<210> 419
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 419
tacaccaagg gcgaaucuct t   21

<210> 420
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 420
tccugacacu gggauccaut t 21

<210> 421
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 421
tugcaaggac acuugauuct t 21

<210> 422
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 422
tuugcaagga cacuugauut t 21

<210> 423
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 423
tuugcuccgu uggugcuuct t 21

<210> 424
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 424
taaugagccu cgauaacuct t 21

<210> 425
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 425
tgaaugagcc ucgauaacut t 21

<210> 426
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 426
tggauaauau ucuguuguct t 21

<210> 427
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 427
tccaugguau aacaccaagt t 21

<210> 428
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 428
tgauccaugg uauaacacct t 21

<210> 429
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 429
tauugggauc caugguauat t 21

<210> 430
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 430
tcauugggau ccaugguaut t 21

<210> 431
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 431
tacauuggga uccaugguat t 21

<210> 432
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 432
tgacauuggg auccauggut t 21

<210> 433
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 433
tgacauugug ucagguugct t 21

<210> 434
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 434
tcacuggaca uugugucagt t 21

<210> 435
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 435
tacuugauuc ugucacuggt t 21

<210> 436
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 436
tgagaaugag ccucgauaat t 21

<210> 437
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 437
tccauuuggg uaguauucut t 21

<210> 438
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 438
tcaccauuug gguaguauut t   21

<210> 439
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 439
tccaccauuu ggguaguaut t   21

<210> 440
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 440
tauaacacca agggcgaaut t   21

<210> 441
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 441
tacugggauc caugguauat t   21

<210> 442
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 442
tcacugggau ccaugguaut t 21

<210> 443
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 443
taccaccgug ggaguugugt t 21

<210> 444
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 444
tcaagacuga cauguucuut t 21

<210> 445
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 445
tgggaguugu gaggacacut t 21

<210> 446
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 446
tucucaggug gugcuuguut t 21

<210> 447
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 447
tcacagggcu uuucucaggt t 21

<210> 448
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 448
tgaugccagu gugguaucat t 21

<210> 449
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 449
tugaugccag ugugguauct t 21

<210> 450
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 450
tgacaccuga uucuguuuct t 21

<210> 451
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 451
tggacaccug auucuguuut t 21

<210> 452
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 452
tcuaggacac cugauucugt t 21

<210> 453
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 453
tauaaggggc ugccacaggt t 21

<210> 454
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 454
taacaauaag gggcugccat t 21

<210> 455
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 455
tguccgacua ugcuggugut t 21

<210> 456
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 456
tucucagcau cuggauucct t 21

<210> 457
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 457
tcgaaucuca gcaucuggat t 21

<210> 458
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 458
taagggcgaa ucucagcaut t 21

<210> 459
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 459
tugacacugg gauccauggt t 21

<210> 460
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 460
tccguuggug cuucuucagt t 21

<210> 461
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 461
tcuugauucu gucacuggat t 21

<210> 462
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 462
tcaccguggg aguugugagt t 21

<210> 463
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 463
tucuaggaca ccugauucut t 21

<210> 464
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 464
tagucucuag gacaccugat t 21

<210> 465
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 465
tguauaacaa uaaggggcut t 21

<210> 466
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 466
tguauaacaa uaaggggcut t   21

<210> 467
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 467
tguauaacaa uaaggggcut t   21

<210> 468
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 468
tcguauaaca auaaggggct t 21

<210> 469
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 469
tcguauaaca auaaggggct t 21

<210> 470
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 470
tcguauaaca auaaggggct t   21

<210> 471
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 471
tgcgucugag cauuguguct t   21

<210> 472
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 472
tgcgucugag cauuguguct t 21

<210> 473
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 473
tgcgucugag cauuguguct t   21

<210> 474
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 474
tugcgucuga gcauugugut t   21

<210> 475
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 475
tugcgucuga gcauugugut t 21

<210> 476
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 476
tugcgucuga gcauugugut t 21

<210> 477
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 477
tgagaaugag ccucgauaat t   21

<210> 478
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 478
tgagaaugag ccucgauaat t   21

<210> 479
<211> 21

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 479
tgagaaugag ccucgauaat t 21

<210> 480
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 480

tgacaccuga uucuguuuct t 21

<210> 481
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 481
tgacaccuga uucuguuuct t 21

<210> 482
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 482
tgacaccuga uucuguuuct t 21

<210> 483
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 483
tguccgacua ugcuggugut t 21

<210> 484
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>

<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 484
tguccgacua ugcuggugut t 21

<210> 485
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 485
tguccgacua ugcuggugut t 21

<210> 486
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 486
tcgaaucuca gcaucuggat t   21

<210> 487
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 487
tcgaaucuca gcaucuggat t   21

<210> 488
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 488
tcgaaucuca gcaucuggat t 21

<210> 489
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 489
taagggcgaa ucucagcaut t   21

<210> 490
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 490
taagggcgaa ucucagcaut t   21

<210> 491
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 491
taagggcgaa ucucagcaut t 21

<210> 492
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 492
tugacacugg gauccauggt t 21

<210> 493
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6

<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 493
tugacacugg gauccauggt t 21

<210> 494
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 7
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 494
tugacacugg gauccauggt t 21

<210> 495

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 495
tcaauaaggg gcugccacat t 21

<210> 496
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 496
tcugcgucug agcauugugt t 21

<210> 497

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 497
tacaggaucu ggauuucggt t 21

<210> 498
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 498
tccgggguu uccucaguct t 21

<210> 499

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 499
tuguccauaa ugguaguagt t 21

<210> 500
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 500
tucuguccau aaugguagut t 21

<210> 501

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 501
tacucugucc auaaugguat t 21

<210> 502
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 502
taacucuguc cauaauggut t 21

<210> 503

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 503
tgggcgaauc ucagcaucut t 21

<210> 504
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 504
tagggcgaau cucagcauct t 21

<210> 505

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 505
taacaccaag ggcgaaucut t 21

<210> 506
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 506
taggacacuu gauucuguct t 21

<210> 507

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 507
tggaccaaga cugacaugut t 21

<210> 508
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 508
tggucaggcc accauuuggt t 21

<210> 509

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 509
tauccauggu auaacaccat t 21

<210> 510
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 510
tgggauccau gguauaacat t 21

<210> 511

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 511
tuggacauug ugucagguut t 21

<210> 512
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 512
tauucuguca cuggacauut t 21

<210> 513

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 513
tggugcuugu ucagaaacat t 21

<210> 514
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 514
tggagaauga gccucgauat t 21

<210> 515

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 515
tguggagaau gagccucgat t 21

<210> 516
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 516
tccgugggag uugugaggat t 21

<210> 517

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 517
tggaccaccg ugggaguugt t 21

<210> 518
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 518
tugcuuguuc agaaggagct t 21

<210> 519

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 519
tcugaugcca gugugguaut t 21

<210> 520
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 520
tuaggacacc ugauucugut t 21

<210> 521

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 521
tcucuaggac accugauuct t 21

<210> 522
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 522
tucucuagga caccugauut t 21

<210> 523

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 523
tgucucuagg acaccugaut t 21

<210> 524
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 524
tgagaaugag ccucgauaac ucuuau 26

<210> 525
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,13,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 525
tgagaaugag ccucgauaac ucuuau 26

<210> 526
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,13,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,14,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 526
tgagaaugag ccucgauaac ucuuau   26

<210> 527
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,13,15,17,19,21,23
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,14,16,18,20,22,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 527
tgagaaugag ccucgauaac ucuuau   26

<210> 528
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 528
tgacaccuga uucuguuucu gaguau 26

<210> 529
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,13,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 529
tgacaccuga uucuguuucu gaguau 26

<210> 530
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,13,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,14,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 530
tgacaccuga uucuguuucu gaguau 26

<210> 531
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,13,15,17,19,21,23
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,14,16,18,20,22,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 531
tgacaccuga uucuguuucu gaguau 26

<210> 532
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 532
tcguauaaca auaaggggcu gccuau 26

<210> 533
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 533
tgcgucugag cauuguguca gguuau   26

<210> 534
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 534
tugcgucuga gcauuguguc agguau   26

<210> 535
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 535
tgagaaugag ccucgauaac ucuuau 26

<210> 536
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 536
tgacaccuga uucuguuucu gaguau   26

<210> 537
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 537
taagggcgaa ucucagcauc ugguau   26

<210> 538
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 538
uuaacaauaa ggggcugc   18

<210> 539
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 539
uguauaacaa uaaggggc   18

<210> 540
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 540
ucguauaaca auaagggg 18

<210> 541
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 541
ugcgucugag cauugugu 18

<210> 542
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 542
uugcgucuga gcauugug 18

<210> 543
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 543
ucaggaucug gauuucgg 18

<210> 544
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 544
uugcaucuga gcaucgug 18

<210> 545
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 545
ucgacuaugc uggugugg 18

<210> 546
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 546
uuuucugggg uccgacua 18

<210> 547
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 547
ugcgaaucuc agcaucug 18

<210> 548
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 548
uugcaaggac acuugauu   18

<210> 549
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 549
uaaugagccu cgauaacu   18

<210> 550
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 550
ugaaugagcc ucgauaac   18

<210> 551
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 551
ugacauugug ucagguug   18

<210> 552
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 552
ugagaaugag ccucgaua   18

<210> 553
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 553
uccauuuggg uaguauuc   18

<210> 554
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 554
ucaccauuug gguaguau   18

<210> 555
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 555
ugacaccuga uucuguuu   18

<210> 556
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 556
uggacaccug auucuguu   18

<210> 557
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 557
uuaacaauaa ggggcug   17

<210> 558
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 558
uguauaacaa uaagggg   17

<210> 559
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 559
ucguauaaca auaaggg   17

<210> 560
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 560
ugcgucugag cauugug   17

<210> 561
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 561
uugcgucuga gcauugu   17

<210> 562
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 562
ucaggaucug gauuucg   17

<210> 563
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 563
uugcaucuga gcaucgu   17

<210> 564
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 564
ucgacuaugc uggugug   17

<210> 565
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 565
uuuucugggg uccgacu   17

<210> 566
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 566
ugcgaaucuc agcaucu   17

<210> 567
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 567
uugcaaggac acuugau   17

<210> 568
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 568
uaaugagccu cgauaac   17

<210> 569
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 569
ugaaugagcc ucgauaa   17

<210> 570
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 570
ugacauugug ucagguu   17

<210> 571
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 571
ugagaaugag ccucgau   17

<210> 572
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 572
uccauuuggg uaguauu   17

<210> 573
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 573
ucaccauuug gguagua   17

<210> 574
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 574
ugacaccuga uucuguu 17

<210> 575
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 575
uggacaccug auucugu 17

<210> 576
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 576
ugagaaugag ccucgauaac ucuuau 26

<210> 577
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 577
ugagaaugag ccucgauaac ucuuau 26

<210> 578

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 578
ugagaaugag ccucgauaac ucuuau 26

<210> 579
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 579
ugagaaugag ccucgauaac ucuuau   26

<210> 580
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 580
ugacaccuga uucuguuucu gaguau   26

<210> 581
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 581
ugacaccuga uucuguuucu gaguau   26

<210> 582
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 582
ugacaccuga uucuguuucu gaguau   26

<210> 583
<211> 26
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 583
ugacaccuga uucuguuucu gaguau 26

<210> 584
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6,10,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,7,8,9,11,12,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 584
ugagaaugag ccucgauaac ucuuau   26

<210> 585
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 8,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 585
ugagaaugag ccucgauaac ucuuau   26

<210> 586
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 8,14,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,2,3,4,5,6,7,9,10,11,12,13,15,16,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 586
ugagaaugag ccucgauaac ucuuau   26

<210> 587
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,16,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,11,12,13,15,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 587
ugacaccuga uucuguuucu gaguau   26

<210> 588
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,11,12,13,15,16,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 588
ugacaccuga uucuguuucu gaguau   26

<210> 589
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 10,14,16,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,11,12,13,15,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 589
ugacaccuga uucuguuucu gaguau 26

<210> 590
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,5,7,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,6,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 590
ugacaccuga uucuguuucu gaguau 26

<210> 591
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,5,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,6,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 591
ugacaccuga uucuguuucu gaguau   26

<210> 592
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,7,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 592
ugacaccuga uucuguuucu gaguau   26

<210> 593
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 593
tgacaccuga uucuguuucu gaguau   26

<210> 594
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 594

ugacaccuga uucuguuucu gaguau 26

<210> 595
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 595
tgacaccuga uucuguuucu gaguau 26

<210> 596
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 596
ugacaccuga uucuguuucu gaguau 26

<210> 597
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 597
tgacaccuga uucuguuucu gaguau 26

<210> 598
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>

<221> modified_base
<222> 2,4,6,8,10,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 598
ugacaccuga uucuguuucu gaguau 26

<210> 599
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 599
ucguauaaca auaaggggcu gccuau 26

<210> 600
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 600
ucguauaaca auaaggggcu gccuau 26

<210> 601
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 22,23

<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 601
ugagaaugag ccucgauaac uctuau   26

<210> 602
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 22,23
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 602
ugagaaugag ccucgauaac uctuau   26

<210> 603

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 603
ugagaaugag ccucgauaac ucuuau 26

<210> 604
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 604
ucguauaaca auaaggggcu gccuau   26

<210> 605
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 605
ucguauaaca auaaggggcu gccuau   26

<210> 606
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,11,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 606
ugagaaugag ccucgauaac ucuuau   26

<210> 607
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 607
ugagaaugag ccucgauaac ucuuau   26

<210> 608
<211> 26
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,10,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,8,9,11,12,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 608
ugagaaugag ccucgauaac ucuuau 26

<210> 609
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 609
ugagaaugag ccucgauaac ucuuau 26

<210> 610
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,14,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,10,11,12,13,15,16,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 610
ugagaaugag ccucgauaac ucuuau 26

<210> 611
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,3,5,7,8,9,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 611
ugagaaugag ccucgauaac ucuuau 26

<210> 612
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 612
ugagaaugag ccucgauaac ucuuau 26

<210> 613
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 613
ugagaaugag ccucgauaac ucuuau   26

<210> 614
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 614
ugagaaugag ccucgauaac ucuuau 26

<210> 615
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,
26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 615
ugagaaugag ccucgauaac ucuuau 26

<210> 616
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,13,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,12,15,16,17,18,19,21,23,24,26

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 616
ugagaaugag ccucgauaac ucuuau   26

<210> 617
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,13,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 617
ugagaaugag ccucgauaac ucuuau   26

<210> 618
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,13,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 618
ugagaaugag ccucgauaac ucuuau 26

<210> 619
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,13,14,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,15,16,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 619
ugagaaugag ccucgauaac ucuuau 26

<210> 620
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,13,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 620
ugagaaugag ccucgauaac ucuuau 26

<210> 621
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,12,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 621
ugagaaugag ccucgauaac ucuuau   26

<210> 622
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,12,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 622
ugagaaugag ccucgauaac ucuuau   26

<210> 623
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,12,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 623
ugagaaugag ccucgauaac ucuuau 26

<210> 624
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,12,14,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,13,15,16,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 624
ugagaaugag ccucgauaac ucuuau 26

<210> 625
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 625
ugagaaugag ccucgauaac ucuuau 26

<210> 626
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,11,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 626
ugagaaugag ccucgauaac ucuuau   26

<210> 627
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,11,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 627
ugagaaugag ccucgauaac ucuuau   26

<210> 628
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2,11,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,12,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 628
ugagaaugag ccucgauaac ucuuau 26

<210> 629
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,11,14,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,12,13,15,16,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 629
ugagaaugag ccucgauaac ucuuau 26

<210> 630
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,11,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 630
ugagaaugag ccucgauaac ucuuau   26

<210> 631
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 631
ucguauaaca auaaggggcu gccuau   26

<210> 632
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 632
ucguauaaca auaaggggcu gccuau   26

<210> 633
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 633
ucguauaaca auaaggggcu gccuau   26

<210> 634
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 634
ucguauaaca auaaggggcu gccuau   26

<210> 635
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 635
ucguauaaca auaaggggcu gccuau   26

<210> 636
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>

<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 636
ucguauaaca auaaggggcu gccuau 26

<210> 637
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 637
ucguauaaca auaaggggcu gccuau 26

<210> 638
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,12,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,3,4,5,6,7,9,11,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 638
ucguauaaca auaaggggcu gccuau 26

<210> 639
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 639
ugagaaugag ccucgauaat t 21

<210> 640
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>

<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 640
ucguauaaca auaaggggcu gccuau 26

<210> 641
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,
26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 641
ucguauaaca auaaggggcu gccuau 26

<210> 642
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 642
ugagaaugag ccucgauaac ucuuau 26

<210> 643
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 643
tgagaaugag ccucgauaac ucuuau   26

<210> 644
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end Vinyl Phosphonate modification"

<400> 644
tgagaaugag ccucgauaac ucuuau   26

<210> 645
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end Vinyl Phosphonate modification"

<400> 645
tgagaaugag ccucgauaac ucuuau   26

<210> 646
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 646
tgagaaugag ccucgauaac ucuuau   26

<210> 647
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end Vinyl Phosphonate modification"

<400> 647
tcguauaaca auaaggggcu gccuau   26

<210> 648
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end Vinyl Phosphonate modification"

<400> 648
tcguauaaca auaaggggcu gccuau   26

<210> 649
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>

<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 649
ugagaaugag ccucgauaac ucuuau 26

<210> 650
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 650
ugagaaugag ccucgauaac ucuuau 26

<210> 651
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,5,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,3,4,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 651
ugagaaugag ccucgauaac ucuuau 26

<210> 652
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 652
ugagaaugag ccucgauaac ucuuau 26

<210> 653
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,7,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 653
ugagaaugag ccucgauaac ucuuau   26

<210> 654
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 654
ugagaaugag ccucgauaac ucuuau   26

<210> 655
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 655
ugagaaugag ccucgauaac ucuuau   26

<210> 656
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,23,24,26

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 656
ucguauaaca auaaggcgcu gccuau   26

<210> 657
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,19,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 657
ucguauaaca auaaggggcu gccuau   26

<210> 658
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 658
ucguauaaca auaaggggcu gccuau 26

<210> 659
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 659
ucguauaaca auaaggggcu gccuau 26

<210> 660
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 660
ucguauaaca auaaggggcu gccuau 26

<210> 661
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,9,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 661
ucguauaaca auaaggggcu gccuau   26

<210> 662
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,7,9,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,5,6,8,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 662
ucguauaaca auaaggggcu gccuau   26

<210> 663
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 663
ugagaaugag ccucgauaac ucuuau   26

<210> 664
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,6,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,5,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 664
ugagaaugag ccucgauaac ucuuau   26

<210> 665
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,5,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,6,7,9,11,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 665
ugagaaugag ccucgauaac ucuuau 26

<210> 666
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,3,5,8,11,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,4,6,7,9,10,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 666
ugagaaugag ccucgauaac ucuuau 26

<210> 667
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 667
ugagaaugag ccucgauaac ucuuau 26

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 668
uguauaacaa uaagggg 17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 669
uguauaacaa uaagggg 17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 670
ucguauaaca auaaggg   17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 671
ucguauaaca auaaggg   17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 672
ugagaaugag ccucgau 17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,13,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 673
ugagaaugag ccucgau 17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 674
ugagaaugag ccucgat 17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 675
ugacaccuga uucuguu   17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 676
ugacaccuga uucuguu   17

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

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17

<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 677
ugacaccuga uucugtt   17

<210> 678
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-F-Arabino nucleoside"

<400> 678
ucguauaaca auaaggggcu gccuau   26

<210> 679
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 4
<223> /mod_base = "2'-F-Arabino nucleoside"

<400> 679
ucguauaaca auaaggggcu gccuau 26

<210> 680
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 6
<223> /mod_base = "2'-F-Arabino nucleoside"

<400> 680
ucguauaaca auaaggggcu gccuau   26

<210> 681
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 8
<223> /mod_base = "2'-F-Arabino nucleoside"

<400> 681
ucguauaaca auaaggggcu gccuau   26

<210> 682
<211> 26
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-F-Arabino nucleoside"

<400> 682
ugagaaugag ccucgauaac ucuuau 26

<210> 683
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 8
<223> /mod_base = "2'-F-Arabino nucleoside"

<400> 683
ugagaaugag ccucgauaac ucuuau   26

<210> 684
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 684
tgagaaugag ccucgauaac ucuuau   26

<210> 685
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 685
tcguauaaca auaaggggcu gccuau 26

<210> 686
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,5,6,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 686
tgagaaugag ccucgauaac ucuuau   26

<210> 687
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 687
ucguauaaca auaaggggcu gccuau   26

<210> 688
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,8,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 688
ucguauaaca auaaggggcu gccuau 26

<210> 689
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>

<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 689
ucguauaaca auaaggggcu gccuau 26

<210> 690
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 690
ucguauaaca auaaggggcu gccuau 26

<210> 691
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,3,4,5,7,9,10,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 691
ucguauaaca auaaggggcu gccuau 26

<210> 692
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,8,9,11,12,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 692
ucguauaaca auaaggggcu gccuau 26

<210> 693
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,8,9,10,11,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 693
ucguauaaca auaaggggcu gccuau   26

<210> 694
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,10,11,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 694
ucguauaaca auaaggggcu gccuau   26

<210> 695
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,11,13,15,16,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 695
ucguauaaca auaaggggcu gccuau   26

<210> 696
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,16,17,19,21,23,24,26

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 696
ucguauaaca auaaggggcu gccuau 26

<210> 697
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 697
ucguauaaca auaaggggcu gccuau 26

<210> 698
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 698
ucguauaaca auaaggggcu gccuau 26

<210> 699
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 699
ucguauaaca auaaggggcu gccuau 26

<210> 700
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 700
ucguauaaca auaaggggcu gauu 24

<210> 701
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 701
ucguauaaca auaaggggcu gcuu   24

<210> 702
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 702
ugagaaugag ccucgauaac ucuu   24

<210> 703
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,9,10,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 703
ucguauaaca auaaggggcu gccuau   26

<210> 704
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,9,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,10,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 704
ucguauaaca auaaggggcu gccuau   26

<210> 705
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,9,10,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 705
ugagaaugag ccucgauaac ucuuau 26

<210> 706
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,9,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,10,11,12,13,15,17,18,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 706
ugagaaugag ccucgauaac ucuuau 26

<210> 707
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 707
ucguauaaca auaaggggcu gccuau 26

<210> 708
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 708
ucguauaaca auaaggggcu u   21

<210> 709
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 709
ucguauaaca auaaggggcu u   21

<210> 710
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 710
ucguauaaca auaaggggcu u 21

<210> 711
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 711
ugagaaugag ccucgauaac ucuuau 26

<210> 712
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 712
ugagaaugag ccucgauaac ucuuau 26

<210> 713
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 713
ugagaaugag ccucgauaac ucuuau 26

<210> 714
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,9,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,11,12,13,15,16,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 714
ugagaaugag ccucgauaac ucuuau 26

<210> 715
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,10,11,12,13,15,17,19,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 715
ugagaaugag ccucgauaac ucuuau 26

<210> 716
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,9,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,10,11,12,13,15,16,17,18,19,20,21,22,23,24,25,
26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 716
ugagaaugag ccucgauaac ucuuau 26

<210> 717
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,11,12,13,15,16,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24

<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (Dy540) modification"

<400> 717
ugagaaugag ccucgauaac ucuuau   26

<210> 718
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,9,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,10,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 718
ucguauaaca auaaggggcu gccuau   26

<210> 719
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,12,14,22

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,9,10,11,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 719
ucguauaaca auaaggggcu gccuau 26

<210> 720
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,9,12,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,10,11,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 720
ucguauaaca auaaggggcu gccuau 26

<210> 721

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,9,12,14,19,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,10,11,13,15,16,17,18,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 721
ucguauaaca auaaggggcu gccuau 26

<210> 722
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,9,12,14,19,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,8,10,11,13,15,16,17,18,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 722
ucguauaaca auaaggggcu gccuau   26

<210> 723
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 723
uguauaacaa uaagggg   17

<210> 724
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (Sp18)s(PAZ) modification"

<400> 724
uguauaacaa uaagggg 17

<210> 725
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base

<222> 17
<223> /mod_base = "3' end (C12)s(PAZ) modification"

<400> 725
uguauaacaa uaagggg 17

<210> 726
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 726
ucguauaaca auaaggg 17

<210> 727
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (Sp18)s(PAZ) modification"

<400> 727
ucguauaaca auaaggg 17

<210> 728
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (C12)s(PAZ) modification"

<400> 728
ucguauaaca auaaggg 17

<210> 729
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 729
ugagaaugag ccucgat 17

<210> 730
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (Sp18)s(PAZ) modification"

<400> 730
ugagaaugag ccucgac   17

<210> 731
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (C12)s(PAZ) modification"

<400> 731

ugagaaugag ccucgac 17

<210> 732
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 732
ugacaccuga uucugtt 17

<210> 733
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (Sp18)s(PAZ) modification"

<400> 733
ugacaccuga uucugtc 17

<210> 734
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (C12)s(PAZ) modification"

<400> 734
ugacaccuga uucugtc 17

<210> 735
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19,21,23
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,22,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,24,25
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 735
tucguauaac aauaaggggc ugccua   26

<210> 736
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,14,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 4,5,25,26

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 736
uaucguauaa caauaagggg cugccu   26

<210> 737
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19,21,23
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,22,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,24,25
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 737
tccguauaac aauaaggggc ugccua   26

<210> 738
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,14,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2

<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 4,5,25,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 738
cuccguauaa caauaagggg cugccu   26

<210> 739
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,9,11,15,17,19,21
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,13,14,16,18,20,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,24,25
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 739
tugagaauga gccucgauaa cucuua   26

<210> 740
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,12,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,19,21,23,24,25,26

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 4,5,25,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 740
uaugagaaug agccucgaua acucuu 26

<210> 741
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,9,11,15,17,19,21
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,13,14,16,18,20,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,24,25
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 741
tggagaauga gccucgauaa cucuua 26

<210> 742
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,12,16,18,20,22

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,19,21,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 4,5,25,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 742
guggagaaug agccucgaua acucuu 26

<210> 743
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,9,11,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,5,6,7,8,10,12,13,14,16,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,24,25
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 743
tugagaauga gccucgauaa cucuua 26

<210> 744
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,10,12,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,11,13,14,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 4,5,25,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 744
uaugagaaug agccucgaua acucuu 26

<210> 745
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,9,11,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,5,6,7,8,10,12,13,14,16,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,24,25
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 745
tggagaauga gccucgauaa cucuua 26

<210> 746

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,10,12,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,11,13,14,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 4,5,25,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 746
guggagaaug agccucgaua acucuu 26

<210> 747
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 747
ucguauaaca auaaggggcu u 21

<210> 748
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 748
ugagaaugag ccucgauaau u 21

<210> 749
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end s(C12)s(PAZ) modification"

<400> 749
uguauaacaa uaagggg   17

<210> 750
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end s(C12)s(PAZ) modification"

<400> 750
ucguauaaca auaaggg   17

<210> 751
<211> 17
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end s(C12)s(PAZ) modification"

<400> 751
ugagaaugag ccucgac 17

<210> 752
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end s(C12)s(PAZ) modification"

<400> 752
ugacaccuga uucugtc 17

<210> 753
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 753
tcguauaaca auaaggggcu u 21

<210> 754
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 22,23,24,25,26
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 754
ugagaaugag ccucgauaau uauaua 26

<210> 755
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,22,23
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 755
ucguauaaca auaaggggcu gccuau   26

<210> 756
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 756
ucguauaaca auaaggggcu gccuau   26

<210> 757
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,22,23
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 757
ugagaaugag ccucgauaac ucuuau   26

<210> 758
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 758
ugagaaugag ccucgauaac ucuuau   26

<210> 759
<211> 24

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 759
ucguauaaca auaaggggcu gcuu   24

<210> 760
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,14,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 760
ucguauaaca auaaggggcu u   21

<210> 761
<211> 21

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,12,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,13,14,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 761
ucguauaaca auaaggggcu u 21

<210> 762
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,22,23
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 762
ucguauaaca auaaggggcu gcc 23

<210> 763
<211> 24

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19,21,23
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,22,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 763
tucguauaac aauaaggggc ugcc 24

<210> 764
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19,21
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 764
tucguauaac aauaaggggc ugcc 24

<210> 765
<211> 24

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19,21
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,5,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 765
tucguauaac aauaaggggc ugcc 24

<210> 766
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19,21
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,5,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 766
tucguauaac aauaaggggc ugcc 24

<210> 767
<211> 22

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 3,5,7,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,9,10,11,12,14,16,18,20,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 3,4,5,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 767
tucguauaac aauaaggggc ug 22

<210> 768
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end ethyl phosphonate modification"

<400> 768

tcguauaaca auaaggggcu u 21

<210> 769
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end ethyl phosphonate modification"

<400> 769
tcguauaaca auaaggggcu u 21

<210> 770
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,21,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 770
ugagaaugag ccucgauaac ucuuau 26

<210> 771
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 771
ugagaaugag ccucgauaac ucuuau 26

<210> 772
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 772
ugagaaugag ccucgauaac uaucgc   26

<210> 773
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 773
ugagaaugag ccucgauaac uauuca 26

<210> 774
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 774
ugagaaugag ccucgauaac uacgau 26

<210> 775
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "5'-methyl, 2'-fluoro nucleoside"

<400> 775
ugagaaugag ccucgauaac ucuuau 26

<210> 776
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 4
<223> /mod_base = "5'-methyl, 2'-fluoro nucleoside"

<400> 776
ugagaaugag ccucgauaac ucuuau 26

<210> 777
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 8
<223> /mod_base = "5'-methyl, 2'-fluoro nucleoside"

<400> 777
ugagaaugag ccucgauaac ucuuau 26

<210> 778
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 10
<223> /mod_base = "5'-methyl, 2'-fluoro nucleoside"

<400> 778
ugagaaugag ccucgauaac ucuuau 26

<210> 779
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,12,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 779
ucguauaaca auaaggggcg u 21

<210> 780
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 780
ucguauaaca auaaggggcu gccu 24

<210> 781
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 781
ucguauaaca auaaggggcu gcuu 24

<210> 782
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 782
ucguauaaca auaaggggcu gccu 24

<210> 783
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end Vinyl Phosphonate modification"

<400> 783
ucguauaaca auaaggggcu gcuu   24

<210> 784
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,22,23
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 784
ugagaaugag ccucgauaac ucuuau   26

<210> 785
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base

<222> 2,4,6,8,10,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 785
ugagaaugag ccucgauaac ucuuau 26

<210> 786
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 786
ucguauaaca auaaggggcu gccuau 26

<210> 787
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 787
ucguauaaca auaaggggcu u 21

<210> 788
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 788
ucguauaaca auaaggggcu u 21

<210> 789
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 789
ucguauaaca auaaggggcu g 21

<210> 790
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 790
ucguauaaca auaaggggcu g 21

<210> 791
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 791
ucguauaaca auaaggggcu gcuu 24

<210> 792
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 792
ugagaaugag ccucgauaac ucuuau   26

<210> 793
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>

<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 793
ugagaaugag ccucgauaac ucuuau 26

<210> 794
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 794
tgagaaugag ccucgauaac ucuuau 26

<210> 795
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 795
tcguauaaca auaaggggcu gccuau   26

<210> 796
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,13,15,17,19,20,21

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 796
tcguauaaca auaaggggcu u   21

<210> 797
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,13,15,17,19,21,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 797
tcguauaaca auaaggggcu gcuu 24

<210> 798
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 798
ucguauaaca auaaggggcu u 21

<210> 799
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 799
ugagaaugag ccucgauaac ucuuau   26

<210> 800
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 8,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 800
ugagaaugag ccucgauaac ucuuau   26

<210> 801
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 801
ugagaaugag ccucgauaac ucuuau 26

<210> 802
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,6,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 802
ugagaaugag ccucgauaac ucuuau 26

<210> 803
<211> 26
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 803
ugagaaugag ccucgauaac ucuuau 26

<210> 804
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,4,5,6,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 804
tgagaaugag ccucgauaac ucuuau   26

<210> 805
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 805
tgagaaugag ccucgauaac ucuuau   26

<210> 806
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 3,5,7,8,9,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 806
tgagaaugag ccucgauaac ucuuau 26

<210> 807
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 807
tgagaaugag ccucgauaac ucuuau 26

<210> 808
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 808
tgagaaugag ccucgauaac ucuuau   26

<210> 809
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,10,11,12,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 809
tgagaaugag ccucgauaac ucuuau 26

<210> 810
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 810
tgagaaugag ccucgauaac ucuuau 26

<210> 811
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,10,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 811
tgagaaugag ccucgauaac ucuuau   26

<210> 812
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,4,5,6,7,8,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 812
tgagaaugag ccucgauaac ucuuau   26

<210> 813
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 8,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,4,5,6,7,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 813
tgagaaugag ccucgauaac ucuuau   26

<210> 814
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,4,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 814

tgagaaugag ccucgauaac ucuuau 26

<210> 815
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,5,6,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 815
tgagaaugag ccucgauaac ucuuau 26

<210> 816
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,5,6,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 816
tgagaaugag ccucgauaac ucuuau 26

<210> 817
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 817
ugagaaugag ccucgauaac ucuuau 26

<210> 818
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>

<221> modified_base
<222> 2,4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 818
ugagaaugag ccucgauaac ucuuau 26

<210> 819
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 819
ugagaaugag ccucgauaac ucuuau 26

<210> 820
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 820
ugagaaugag ccucgauaac ucuuau 26

<210> 821
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25

<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 821
ugagaaugag ccucgauaac ucuuau 26

<210> 822
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,12,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 822
ugagaaugag ccucgauaac ucuuau 26

<210> 823
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,20,22

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 823
ugagaaugag ccucgauaac ucuuau 26

<210> 824
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,8,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 824
ugacaccuga uucuguuucu gaguau 26

<210> 825

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 825
ugacaccuga uucuguuucu gaguau 26

<210> 826
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 826
tgacaccuga uucuguuucu gaguau   26

<210> 827
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,8,9,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 827
tgacaccuga uucuguuucu gaguau   26

<210> 828
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 828
tgacaccuga uucuguuucu gaguau   26

<210> 829
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,10,11,12,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 829
tgacaccuga uucuguuucu gaguau   26

<210> 830
<211> 26
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 830
tgacaccuga uucuguuucu gaguau 26

<210> 831
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,18,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,16,17,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 831
tgacaccuga uucuguuucu gaguau   26

<210> 832
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 832
tgacaccuga uucuguuucu gaguau   26

<210> 833
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 3,5,7,9,11,12,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 833
tgacaccuga uucuguuucu gaguau 26

<210> 834
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,16,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 834
tgacaccuga uucuguuucu gaguau 26

<210> 835
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,12,13,15,16,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 835
tgacaccuga uucuguuucu gaguau   26

<210> 836
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,5,7,8,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 836
tgacaccuga uucuguuucu gaguau 26

<210> 837
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,8,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,5,7,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 837
tgacaccuga uucuguuucu gaguau 26

<210> 838
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 4,6,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,8,9,10,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 838
ugacaccuga uucuguuucu gaguau   26

<210> 839
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,10,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 839
ugacaccuga uucuguuucu gaguau   26

<210> 840
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,16,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 840
ugacaccuga uucuguuucu gaguau   26

<210> 841
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,14,16,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,12,13,15,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 841

ugacaccuga uucuguuucu gaguau 26

<210> 842
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 842
ugacaccuga uucuguuucu gaguau 26

<210> 843
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,18,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 843
ugacaccuga uucuguuucu gaguau 26

<210> 844
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,16,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 844
ugacaccuga uucuguuucu gaguau 26

<210> 845
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>

<221> modified_base
<222> 2,4,6,8,10,14,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 845
ugacaccuga uucuguuucu gaguau 26

<210> 846
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,18,19,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 846
ugacaccuga uucuguuucu gaguau 26

<210> 847
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,14,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,12,13,15,16,17,19,20,21,22,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 847
ugacaccuga uucuguuucu gaguau 26

<210> 848
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2,8,10,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,5,6,7,9,11,12,13,15,17,19,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25

<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 848
tgacaccuga uucuguuucu gaguau 26

<210> 849
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 849
acgcagaagg gacugccgat 20

<210> 850
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 850
ggggugcagg agugcuacat 20

<210> 851
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 851
cuguggcagc cccuuauuat 20

<210> 852
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 852
ggcagccccu uauuguuaat 20

<210> 853
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 853
agccccuuau uguuauacat 20

<210> 854
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 854
gccccuuauu guuauacgat 20

<210> 855
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 855
ugacacaaug cucagacgat 20

<210> 856
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 856
gacacaaugc ucagacgcat 20

<210> 857
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 857
acacaaugcu cagacgcaat 20

<210> 858
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 858
acaaugcuca gacgcagaat 20

<210> 859
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 859
cugccgaaau ccagauccat 20

<210> 860
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 860
gccgaaaucc agauccugat 20

<210> 861
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 861
ugacacgaug cucagaugat 20

<210> 862
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 862
gacacgaugc ucagaugcat 20

<210> 863
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 863
acacgaugcu cagaugcaat 20

<210> 864
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 864
acgaugcuca gaugcagaat 20

<210> 865
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 865
uccaagccua gaggcuuuat 20

<210> 866
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 866
aggaaacccc cgggguacat 20

<210> 867
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 867
ggaaaccccc gggguacaat 20

<210> 868
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 868
gaaacccccg ggguacagat 20

<210> 869
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 869
ugcuacuacc auuauggaat 20

<210> 870
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 870
gcuacuacca uuauggacat 20

<210> 871
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 871
cuaccauuau ggacagagat 20

<210> 872
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 872
accacaccag cauagucgat 20

<210> 873
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 873
ccacaccagc auagucggat 20

<210> 874
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 874
cacaccagca uagucggaat 20

<210> 875
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 875
caccagcaua gucggaccat 20

<210> 876
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 876
auagucggac cccagaaaat 20

<210> 877
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 877
uagucggacc ccagaaaaat 20

<210> 878
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 878
ccagaugcug agauucgcat 20

<210> 879
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 879
gcugagauuc gcccuuggat 20

<210> 880
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 880
cugagauucg cccuugguat 20

<210> 881
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 881
ugagauucgc ccuuggugat 20

<210> 882
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 882
gagauucgcc cuugguguat   20

<210> 883
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 883
auggauccca gugucaggat   20

<210> 884
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 884
gaaucaagug uccuugcaat 20

<210> 885
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 885
aaucaagugu ccuugcaaat 20

<210> 886
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 886
gaagcaccaa cggagcaaat 20

<210> 887
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 887
gaguuaucga ggcucauuat 20

<210> 888
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 888
aguuaucgag gcucauucat 20

<210> 889
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 889
gacaacagaa uauuauccat 20

<210> 890
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 890
cuugguguua uaccauggat 20

<210> 891
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 891
gguguuauac cauggaucat 20

<210> 892
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 892
uauaccaugg aucccaauat 20

<210> 893
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 893
auaccaugga ucccaaugat 20

<210> 894
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 894
uaccauggau cccaauguat 20

<210> 895
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 895
accauggauc ccaaugucat 20

<210> 896
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 896
gcaaccugac acaaugucat 20

<210> 897
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 897
cugacacaau guccagugat 20

<210> 898
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 898
ccagugacag aaucaaguat 20

<210> 899
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 899
uuaucgaggc ucauucucat 20

<210> 900
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 900
agaauacuac ccaaauggat 20

<210> 901
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 901
aauacuaccc aaauggugat 20

<210> 902
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 902
auacuaccca aaugguggat 20

<210> 903
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 903
auucgcccuu gguguuauat 20

<210> 904
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 904
uauaccaugg aucccaguat 20

<210> 905
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 905
auaccaugga ucccagugat 20

<210> 906
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 906
cacaacuccc acggugguat 20

<210> 907
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 907
aagaacaugu cagucuugat 20

<210> 908
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 908
aguguccuca caacucccat 20

<210> 909
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 909
aacaagcacc accugagaat 20

<210> 910
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 910
ccugagaaaa gcccugugat 20

<210> 911
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 911
ugauaccaca cuggcaucat 20

<210> 912
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 912
gauaccacac uggcaucaat 20

<210> 913
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 913
gaaacagaau caggugucat 20

<210> 914
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 914
aaacagaauc agguguccat 20

<210> 915
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 915
cagaaucagg uguccuagat 20

<210> 916
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 916
ccuguggcag ccccuuauat 20

<210> 917
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 917
uggcagcccc uuauuguuat 20

<210> 918
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 918
acaccagcau agucggacat 20

<210> 919
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 919
ggaauccaga ugcugagaat 20

<210> 920
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 920
uccagaugcu gagauucgat 20

<210> 921
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 921
augcugagau ucgcccuuat 20

<210> 922
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 922
ccauggaucc cagugucaat 20

<210> 923
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 923
cugaagaagc accaacggat 20

<210> 924
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 924
uccagugaca gaaucaagat 20

<210> 925
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 925
cucacaacuc ccacggugat 20

<210> 926
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 926
agaaucaggu guccuagaat 20

<210> 927
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 927
ucaggugucc uagagacuat 20

<210> 928
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG)modification"

<400> 928
uauagccccu uauuguuaua cat   23

<210> 929
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 929
uaugccccuu auuguuauac gat 23

<210> 930
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 930
uaugacacaa ugcucagacg cat 23

<210> 931
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 931
uauacacaau gcucagacgc aat   23

<210> 932
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 932
uauuuaucga ggcucauucu cat 23

<210> 933
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 933
uaugaaacag aaucaggugu cat 23

<210> 934
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 934
uauacaccag cauagucgga cat   23

<210> 935
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 935
uauuccagau gcugagauuc gat   23

<210> 936
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 936
uauaugcuga gauucgcccu uat   23

<210> 937
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 937
uauccaugga ucccaguguc aat   23

<210> 938
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 938

uguggcagcc ccuuauugat 20

<210> 939
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 939
cacaaugcuc agacgcagat 20

<210> 940
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 940

ccgaaaucca gauccuguat 20

<210> 941
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 941
gacugaggaa acccccggat 20

<210> 942
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 942

cuacuaccau uauggacaat 20

<210> 943
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 943
acuaccauua uggacagaat 20

<210> 944
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 944

uaccauuaug gacagaguat 20

<210> 945
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 945
accauuaugg acagaguuat 20

<210> 946
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 946

agaugcugag auucgcccat 20

<210> 947
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 947
gaugcugaga uucgcccuat 20

<210> 948
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 948

agauucgccc uugguguuat 20

<210> 949
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 949
gacagaauca aguguccuat 20

<210> 950
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 950

acaugucagu cuugguccat 20

<210> 951
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 951
ccaaauggug gccugaccat 20

<210> 952
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 952

ugguguuaua ccauggauat 20

<210> 953
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 953
uguuauacca uggaucccat 20

<210> 954
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 954

aaccugacac aauguccaat 20

<210> 955
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 955
aauguccagu gacagaauat 20

<210> 956
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 956

uguuucugaa caagcaccat 20

<210> 957
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 957
uaucgaggcu cauucuccat 20

<210> 958
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 958

ucgaggcuca uucuccacat 20

<210> 959
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 959
uccucacaac ucccacggat 20

<210> 960
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 960

caacucccac ggugguccat 20

<210> 961
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 961
gcuccuucug aacaagcaat 20

<210> 962
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 962

auaccacacu ggcaucagat 20

<210> 963
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 963
acagaaucag guguccuaat 20

<210> 964
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 964

gaaucaggug uccuagagat 20

<210> 965
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 965
aaucaggugu ccuagagaat 20

<210> 966
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "inverted nucleoside"

<400> 966

aucagguguc cuagagacat 20

<210> 967
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 967
uauauaguua ucgaggcuca uucuca 26

<210> 968
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,3,5,7,9,11,13,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 968
uauauaguua ucgaggcuca uucuca 26

<210> 969
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,13,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26

<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 969
uauauaguua ucgaggcuca uucuca   26

<210> 970
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 7,9,11,13,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,8,10,12,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 970
uauauaguua ucgaggcuca uucuca   26

<210> 971
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,20,22,24,26

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 971
uauaucagaa acagaaucag guguca 26

<210> 972
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 972
uauaucagaa acagaaucag guguca   26

<210> 973
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,13,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 973
uauaucagaa acagaaucag guguca   26

<210> 974
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 7,9,11,13,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,8,10,12,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-SS-Alk-Me) modification"

<400> 974
uauaucagaa acagaaucag guguca 26

<210> 975
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 975
uauaucagcc ccuuauuguu auacga 26

<210> 976
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 976
uauaucugac acaaugcuca gacgca 26

<210> 977
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 977
uauauugaca caaugcucag acgcaa   26

<210> 978
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 978
uauauaguua ucgaggcuca uucuca   26

<210> 979
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 979
uauaucagaa acagaaucag guguca   26

<210> 980
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 980
uauauagaug cugagauucg cccuua 26

<210> 981
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 981
gcagccccuu auuguuaa 18

<210> 982
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 982
gccccuuauu guuauaca 18

<210> 983
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 983
ccccuuauug uuauacga 18

<210> 984
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 984
acacaaugcu cagacgca 18

<210> 985
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 985
cacaaugcuc agacgcaa 18

<210> 986
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18

<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 986
ccgaaaucca gauccuga   18

<210> 987
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 987
cacgaugcuc agaugcaa   18

<210> 988
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 988
ccacaccagc auagucga 18

<210> 989
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 989
uagucggacc ccagaaaa 18

<210> 990

<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 990
cagaugcuga gauucgca 18

<210> 991
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 991
aaucaagugu ccuugcaa   18

<210> 992
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 992
aguuaucgag gcucauua   18

<210> 993
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 993
guuaucgagg cucauuca 18

<210> 994
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 994
caaccugaca caauguca 18

<210> 995
<211> 18
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 995
uaucgaggcu cauucuca 18

<210> 996
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base

<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 996
gaauacuacc caaaugga 18

<210> 997
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 997
auacuaccca aaugguga 18

<210> 998
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 998
aaacagaauc agguguca 18

<210> 999
<211> 18
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 18
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 999
aacagaauca ggugucca 18

<210> 1000
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1000
cagccccuua uuguuaa   17

<210> 1001
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1001
ccccuuauug uuauaca 17

<210> 1002
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1002
cccuuauugu uauacga 17

<210> 1003
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1003
cacaaugcuc agacgca 17

<210> 1004
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1004
acaaugcuca gacgcaa 17

<210> 1005
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1005
cgaaauccag auccuga   17

<210> 1006
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1006

acgaugcuca gaugcaa 17

<210> 1007
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1007
cacaccagca uagucga 17

<210> 1008
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1008
agucggaccc cagaaaa 17

<210> 1009
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1009
agaugcugag auucgca 17

<210> 1010
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1010
aucaaguguc cuugcaa 17

<210> 1011
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1011
guuaucgagg cucauua 17

<210> 1012
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1012
uuaucgaggc ucauuca 17

<210> 1013
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17

<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1013
aaccugacac aauguca 17

<210> 1014
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1014
aucgaggcuc auucuca 17

<210> 1015
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1015
aauacuaccc aaaugga 17

<210> 1016
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1016
uacuacccaa augguga 17

<210> 1017

<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1017
aacagaauca gguguca 17

<210> 1018
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1018
acagaaucag gugucca   17

<210> 1019
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1019
uauauaguua ucgaggcuca uucuca   26

<210> 1020
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1020
uauauaguua ucgaggcuca uucuca 26

<210> 1021
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1021
uauauaguua ucgaggcuca uucuca 26

<210> 1022
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,14,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1022
uauaucagaa acagaaucag guguca 26

<210> 1023
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,15,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1023
uauaucagaa acagaaucag guguca   26

<210> 1024
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1024
uauaucagaa acagaaucag guguca   26

<210> 1025
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1025
uauaucagaa acagaaucag guguca   26

<210> 1026
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Stearyl) modification"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1026
uauaucagaa acagaaucag guguca 26

<210> 1027
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,3,5,7,8,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1027
uauaucagaa acagaaucag guguca 26

<210> 1028
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26

<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1028
uauaucagaa acagaaucag guguca   26

<210> 1029
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,16,18,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,14,15,17,19,20,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1029
uauaucagaa acagaaucag guguca   26

<210> 1030
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,21,23,26

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,22,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1030
uauaucagaa acagaaucag guguca 26

<210> 1031
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1031
uauaucagaa acagaaucag guguca   26

<210> 1032
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1032
uauaucagaa acagaaucag guguca   26

<210> 1033
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1033
uauaucagaa acagaaucag guguca 26

<210> 1034
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,16,18,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1034
uauaucagaa acagaaucag guguca 26

<210> 1035
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,20,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1035
uauaucagaa acagaaucag guguca 26

<210> 1036
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25,26
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1036
uauauaguua ucgaggcuca uucuca   26

<210> 1037
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 7,8
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1037
uauauaguua ucgaggcuca uucuca 26

<210> 1038
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 7,8
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>

<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1038
uauauaguua ucgaggcuca uucuca 26

<210> 1039
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1039
uauaucagcc ccuuauuguu auacga 26

<210> 1040
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1040
uauaucagcc ccuuauuguu auacga 26

<210> 1041
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,9,11,13,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7

<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1041
uauaucagcc ccuuauuguu auacga 26

<210> 1042
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C6-PEG4-NAG3) modification"

<400> 1042
uauauaguua ucgaggcuca uucuca 26

<210> 1043
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1043
uauauaguua ucgaggcuca uucuca 26

<210> 1044
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1044
uauauaguua ucgaggcuca uucuca 26

<210> 1045
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1045
uauauaguua ucgaggcuca uucuca 26

<210> 1046
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1046
uauauaguua ucgaggcuca uucuca   26

<210> 1047
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1047
uauauaguua ucgaggcuca uucuca   26

<210> 1048
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1048
uauauaguua ucgaggcuca uucuca 26

<210> 1049
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1049
uauauaguua ucgaggcuca uucuca 26

<210> 1050
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1050
uauauaguua ucgaggcuca uucuca 26

<210> 1051
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1051
uauauaguua ucgaggcuca uucuca 26

<210> 1052
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1052
uauauaguua ucgaggcuca uucuca 26

<210> 1053
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 12,14,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1053
uauauaguua ucgaggcuca uucuca 26

<210> 1054
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1054
uauauaguua ucgaggcuca uucuca 26

<210> 1055
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1055
uauauaguua ucgaggcuca uucuca 26

<210> 1056
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1056
uauauaguua ucgaggcuca uucuca   26

<210> 1057
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,14,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1057
uauauaguua ucgaggcuca uucuca   26

<210> 1058
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1058
uauauaguua ucgaggcuca uucuca 26

<210> 1059
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1059
uauauaguua ucgaggcuca uucuca 26

<210> 1060
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1060
uauauaguua ucgaggcuca uucuca 26

<210> 1061
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>

<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1061
uauauaguua ucgaggcuca uucuca 26

<210> 1062
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1062
uauauaguua ucgaggcuca uucuca 26

<210> 1063
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1063
uauauaguua ucgaggcuca uucuca   26

<210> 1064
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1064
uauaucagcc ccuuauuguu auacga   26

<210> 1065
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,16,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,18,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1065
uauaucagcc ccuuauuguu auacga   26

<210> 1066
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,18,19,20,21,22,23,25,26

<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1066
uauaucagcc ccuuauuguu auacga 26

<210> 1067
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1067
uauaucagcc ccuuauuguu auacga 26

<210> 1068
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1068
uauaucagcc ccuuauuguu auacga 26

<210> 1069
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,15,16,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,17,18,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1069
uauaucagcc ccuuauuguu auacga 26

<210> 1070
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,15,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,17,18,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1070
uauaucagcc ccuuauuguu auacga 26

<210> 1071
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1071
uauaucagcc ccuuauuguu auacga   26

<210> 1072
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,15,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,14,17,18,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1072
uauaucagcc ccuuauuguu auacga   26

<210> 1073
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1073
uauaucagcc ccuuauuguu auacga 26

<210> 1074
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,16,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,18,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1074
uauaucagcc ccuuauuguu auacga 26

<210> 1075
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17,18,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1075
uauaucagcc ccuuauuguu auacga 26

<210> 1076
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1076
uauaucagcc ccuuauuguu auacga   26

<210> 1077
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,15,16,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,17,18,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1077
uauaucagcc ccuuauuguu auacga   26

<210> 1078
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,14,15,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,17,18,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1078
uauaucagcc ccuuauuguu auacga   26

<210> 1079
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1079
uauaucagcc ccuuauuguu auacga 26

<210> 1080
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,15,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,14,17,18,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1080
uauaucagcc ccuuauuguu auacga 26

<210> 1081
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C11-PEG3-NAG3) modification"

<400> 1081
uauauaguua ucgaggcuca uucuca 26

<210> 1082
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 1082
uauauaguua ucgaggcuca uucuca   26

<210> 1083
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 1083
uauauaguua ucgaggcuca uucuca 26

<210> 1084
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Chol-TEG) modification"

<400> 1084
uauauaguua ucgaggcuca uucuca   26

<210> 1085
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1085
ccccuuauug uuauaca   17

<210> 1086
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1086
cccuuauugu uauacga   17

<210> 1087
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1087
agaugcugag auucgca   17

<210> 1088
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1088
guuaucgagg cucauua 17

<210> 1089
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1089
aucgaggcuc auucuca 17

<210> 1090
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,8,10,12,14,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1090
aacagaauca gguguca 17

<210> 1091
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1091
uauauaguua ucgaggcuca uucuca 26

<210> 1092
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1092
uauaucagcc ccuuauuguu auacga 26

<210> 1093
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,14,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,15,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1093
uauaucagcc ccuuauuguu auacga 26

<210> 1094
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,14,17,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1094
uauaucagcc ccuuauuguu auacga 26

<210> 1095
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>

<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1095
uauaucagcc ccuuauuguu auacga 26

<210> 1096
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (C-SS-Alk-Me) modification"

<400> 1096
uauauaguua ucgaggcuca uucuca 26

<210> 1097
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1097
uauauaguua ucgaggcuca uucuca   26

<210> 1098
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,9,11,13,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4

<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1098
uauaucagcc ccuuauuguu auacga   26

<210> 1099
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1099
uauaucagcg ccuuauuguu auacga   26

<210> 1100

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,9,11,13,17,19,21,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1100
uauaucagcc ccuuauuguu auacga 26

<210> 1101
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1101
ccccuuauug uuauaca   17

<210> 1102
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1102
ccccuuauug uuauaca   17

<210> 1103
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1103
ccccuuauug uuauaca   17

<210> 1104
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base

<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1104
cccuuauugu uauacga 17

<210> 1105
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1105
cccuuauugu uauacga 17

<210> 1106
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base

<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1106
cccuuauugu uauacga 17

<210> 1107
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1107
aucgaggcuc auucuca 17

<210> 1108
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1108
aucgaggcuc auucuca 17

<210> 1109
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1109
atcgaggcuc auucuca 17

<210> 1110
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15,16,17
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1110

aacagaauca gguguca 17

<210> 1111
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1111
aacagaauca gguguca 17

<210> 1112
<211> 17
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 5,6,7
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 3,4,8,9,10,11,12,13,14,15
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,16,17
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 17
<223> /mod_base = "3' end (NAG13) modification"

<400> 1112
aacagaauca gguguca 17

<210> 1113
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1

<223> /mod_base = "5' end (NAG18) modification"

<400> 1113
uauauaguua ucgaggcuca uucuca   26

<210> 1114
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG18) modification"

<400> 1114
uauaucagcc ccuuauuguu auacga   26

<210> 1115
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG4) modification"

<400> 1115
ucagccccuu auuguuauac gauu 24

<210> 1116
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG4) modification"

<400> 1116
ucagccccuu auuguuauac ga 22

<210> 1117

<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG24) modification"

<400> 1117
ucagccccuu auuguuauac gauu 24

<210> 1118
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 10,11,12
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,13,14,15,16,17,18,19,20,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG4) modification"

<400> 1118
uaguuaucga ggcucauucu cauu   24

<210> 1119
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1119
uauaucagcc ccuuauuguu auacga   26

<210> 1120
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,8,9,10,11,13,17,18,19,20,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "3' end (NAG13) modification"

<400> 1120
uauauaguua ucgaggcuca uucuca 26

<210> 1121
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 8,10,12,14,15,16,18,20,22,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 6,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base

<222> 1
<223> /mod_base = "5' end (NAG4) modification"

<400> 1121
uauaucagcc ccuuauuguu auacga 26

<210> 1122
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG4) modification"

<400> 1122
gccccuuauu guuauacgau u 21

<210> 1123
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1123
uauauaguua ucgaggcuca uucuca 26

<210> 1124
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Alk-PEG5-C6) modification"

<400> 1124
uauauaguua ucgaggcuca uucuca   26

<210> 1125
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (Alk-SMPT-C6) modification"

<400> 1125
uauauaguua ucgaggcuca uucuca   26

<210> 1126
<211> 26

<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG26) modification"

<400> 1126
uauauaguua ucgaggcuca uucuca 26

<210> 1127
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>

<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG27) modification"

<400> 1127
uauauaguua ucgaggcuca uucuca 26

<210> 1128
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 13,14,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,16,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 5,6

<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1128
auaucagccc cuuauuguua uacgat   26

<210> 1129
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,13,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,15,16,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 4,5
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1129
uaucagcccc uuauuguuau acgaut   26

<210> 1130
<211> 26
<212> DNA
<213> artificial sequence

<220>

<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 13,14,15
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,16,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 5,6
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1130
auauaguuau cgaggcucau ucucat 26

<210> 1131
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,13,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,15,16,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 4,5
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1131
uauaguuauc gaggcucauu cucaut   26

<210> 1132
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1132
uauaucagcc ccuuauuguu auacga   26

<210> 1133
<211> 21
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<400> 1133
gccccuuauu guuauacgau u 21

<210> 1134
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1134
uuaucgaggc ucauucucau u 21

<210> 1135
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 22
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1135
gccccuuauu guuauacgau u 21

<210> 1136
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG29) modification"

<400> 1136

uauauaguua ucgaggcuca uucuca 26

<210> 1137
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,9,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1137
gccccuuauu guuauacgau u 21

<210> 1138
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,
25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 8,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG29) modification"

<400> 1138
uauauaauua ucgaggcuca uucuca   26

<210> 1139
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1139
gccccuuauu guuauacgau u   21

<210> 1140
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,
       25,26

<223> /mod_base = "2'-o-methyl nucleoside"

<220>
<221> modified_base
<222> 8,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1140
uauauaauua ucgaggcuca uucuca   26

<210> 1141
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 7,8
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1141
uauaucagcc ccuuauuguu auacga   26

<210> 1142

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 8
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1142
uauaucagcc ccuuauuguu auacga 26

<210> 1143
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 7,8
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1143
uauauaguua ucgaggcuca uucuca 26

<210> 1144
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 8
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1144
uauauaguua ucgaggcuca uucuca 26

<210> 1145
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1145
ucagccccuu auuguuauac ga 22

<210> 1146
<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 11,12,13
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,14,15,16,17,18,19,20,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 24
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 4,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1146
ggcagccccu uauuguuaua cgatt   25

<210> 1147
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 11,12,13
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,14,15,16,17,18,19,20,21,22,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 4,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1147
ggcagccccu uauuguuaua cgauut   26

<210> 1148
<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-3' seco nucleoside"

<220>
<221> modified_base
<222> 11,12,13
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,4,5,6,7,8,9,10,14,15,16,17,18,19,20,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 24
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 4,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1148

ggcagccccu uauuguuaua cgatt 25

<210> 1149
<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 11,12,13
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,6,7,8,9,10,14,15,16,17,18,19,20,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 24
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 23
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 4,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1149
ggcagccccu uauuguuaua cgatt 25

<210> 1150
<211> 25
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 22
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1150
cagccccuua uuguuauacg atttt 25

<210> 1151
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21

<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1151
gccccuuauu guuauacgau u 21

<210> 1152
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1152
gccccuuauu guuauacgau u 21

<210> 1153
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26

<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 8,9
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1153
uauauaguua ucgaggcuca uucuca   26

<210> 1154
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 9,10
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1154
uauauaguua ucgaggcuca uucuca   26

<210> 1155

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1155
gcgauaguua ucgaggcuca uucuca 26

<210> 1156
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1156
ugaauaguua ucgaggcuca uucuca   26

<210> 1157
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1157
aucguaguua ucgaggcuca uucuca   26

<210> 1158
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1158
uauauaguua ucgaggcuca uucuca 26

<210> 1159
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,2,3,4,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 5,26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1159
uauaaaguua ucgaggcuca uucuca 26

<210> 1160
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1160
uauauaguua ucgaggcuca uucuca 26

<210> 1161
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,13,15,17,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 20
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1161
agccccuuau uguuauacga 20

<210> 1162
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,4,6,8,12,14,16,18,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1162
aagccccuua uuguuauacg a   21

<210> 1163
<211> 20
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,13,15,17,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1163
agccccuuau uguuauacga   20

<210> 1164
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1164
gcagccccuu auuguuauac ga   22

<210> 1165
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,14,17,18,19,20,21,22,23,24,
       25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 8,26
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1165
uauauaguua ucgaggcuca uucuca 26

<210> 1166
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1166
gcagccccuu auuguuauac ga 22

<210> 1167
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1167
gccccuuauu guuauacgau u   21

<210> 1168
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1168
gccccuuauu guuauacgau u   21

<210> 1169
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1169
gccccuuauu guuauacgau u   21

<210> 1170
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,4,6,8,12,14,16,18,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1170
acgccccuua uuguuauacg a   21

<210> 1171
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,4,6,8,12,14,16,18,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1171
aagccccuua uuguuauacg a 21

<210> 1172
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,4,6,8,12,14,16,18,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1172
acgccccuua uuguuauacg a 21

<210> 1173
<211> 22
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 4,6,8,10,11,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,5,7,9,13,15,17,19,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG30) modification"

<400> 1173
gcagccccuu auuguuauac ga 22

<210> 1174
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base

<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1174
gccccuuauu guuauacgau u 21

<210> 1175
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 2,4,6,8,9,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,13,15,17,19,20,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1175
agccccuuau uguuauacga uu 22

<210> 1176
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,2,4,6,8,12,14,16,18,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1176
aagccccuua uuguuauacg a 21

<210> 1177
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,4,6,8,12,14,16,18,20,21,22,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,23
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1177
aagccccuua uuguuauacg auu 23

<210> 1178
<211> 23
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 3,5,7,9,10,11,13,15,17,19
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,4,6,8,12,14,16,18,20,22,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 1,2,23
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1178
aagccccuua uuguuauacg auu   23

<210> 1179
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31) modification"

<400> 1179
uauauaguua ucgaggcuca uucuca 26

<210> 1180
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,13,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,15,16,17,18,19,20,21,22,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 4,5,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31) modification"

<400> 1180
uaucagcccc uuauuguuau acga 24

<210> 1181
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,13,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,15,16,17,18,19,20,21,22,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 4,5,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31) modification"

<400> 1181
uagcagcccc uuauuguuau acga   24

<210> 1182
<211> 24
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 12,13,14
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,15,16,17,18,19,20,21,22,23
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 24
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31) modification"

<400> 1182

uaucagcccc uuauuguuau acga 24

<210> 1183
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 10,11,12
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1183
gcagccccuu auuguuauac ga 22

<210> 1184
<211> 22
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 10,11,12
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,13,14,15,16,17,18,19,20,21,22
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 1,2,22
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1184
gcagccccuu auuguuauac ga 22

<210> 1185
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1185
auaagaguua ucgaggcuca uucuca 26

<210> 1186
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1186
auaagaguua ucgaggcuca uucuca   26

<210> 1187
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26

<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1187
auaggcagcc ccuuauuguu auacga 26

<210> 1188
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1188
auaggcagcc ccuuauuguu auacga 26

<210> 1189

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1189
cagccccuua uuguuauacg a 21

<210> 1190
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1190
cagccccuua uuguuauacg a   21

<210> 1191
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1191
gccccuuauu guuauacgau u   21

<210> 1192
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1192
gccccuuauu guuauacgau u 21

<210> 1193
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,3,4,5,6,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1193
gccccuuauu guuauacgau u 21

<210> 1194
<211> 21
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG31)s modification"

<400> 1194
gccccuuauu guuauacgau u 21

<210> 1195
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,9,10,11,12,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 26
<223> /mod_base = "inverted nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 13
<223> /mod_base = "NOTA nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1195
uauaucagcc cctuauuguu auacga 26

<210> 1196
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,10,12,14,16,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 6
<223> /mod_base = "NOTA nucleoside"

<400> 1196
gcccctuauu guuauacgau u 21

<210> 1197
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1197
uauauaguua ucgaggcuca uucuca   26

<210> 1198
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,20,21,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1198
uauauaguua ucgaggcuca uucuca 26

<210> 1199
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1199
uauauaguua ucgaggcuca uucuca 26

<210> 1200
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1200
uauauaguua ucgaggcuca uucuca   26

<210> 1201
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1201
uauauaguua ucgaggcuca uucuca   26

<210> 1202
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,20,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,18,19,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1202
uauauaguua ucgaggcuca uucuca   26

<210> 1203
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,22,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,18,19,20,21,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1203

uauauaguua ucgaggcuca uucuca 26

<210> 1204
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,18,19,20,21,22,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1204
uauauaguua ucgaggcuca uucuca 26

<210> 1205
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1205
uauauaguua ucgaggcuca uucuca 26

<210> 1206
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,15,16,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,17,18,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1206
uauauaguua ucgaggcuca uucuca 26

<210> 1207
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 6,8,10,12,16,18,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1207
uauauaguua ucgaggcuca uucuca 26

<210> 1208
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,16,20,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,18,19,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1208
uauauaguua ucgaggcuca uucuca 26

<210> 1209
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,16,22,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,18,19,20,21,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1209
uauauaguua ucgaggcuca uucuca 26

<210> 1210
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,16,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,18,19,20,21,22,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4

<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1210
uauauaguua ucgaggcuca uucuca   26

<210> 1211
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,16,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,18,19,20,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1211
uauauaguua ucgaggcuca uucuca   26

<210> 1212
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,14,16,22,24,26

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,15,17,18,19,20,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1212
uauauaguua ucgaggcuca uucuca 26

<210> 1213
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,15,16,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,14,17,18,19,20,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1213
uauauaguua ucgaggcuca uucuca 26

<210> 1214

<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,16,18,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,14,15,17,19,20,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1214
uauauaguua ucgaggcuca uucuca 26

<210> 1215
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,16,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,14,15,17,18,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1215
uauauaguua ucgaggcuca uucuca 26

<210> 1216
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,14,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1216
uauauaguua ucgaggcuca uucuca 26

<210> 1217
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,14,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1217
uauauaguua ucgaggcuca uucuca   26

<210> 1218
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1218
uauauaguua ucgaggcuca uucuca   26

<210> 1219
<211> 26
<212> DNA

<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1219
uauauaguua ucgaggcuca uucuca 26

<210> 1220
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 8,10,14,15,16,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,6,7,9,11,12,13,17,18,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1220
uauaucagaa acagaaucag guguca 26

<210> 1221
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1221
uauaucagaa acagaaucag guguca 26

<210> 1222
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,3,5,7,9,11,13,17,19,21,22,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1222
uauaucagaa acagaaucag guguca 26

<210> 1223
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,24
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1223
uauaucagaa acagaaucag guguca 26

<210> 1224
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1224
uauaucagaa acagaaucag guguca   26

<210> 1225
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,15,16,18,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,17,19,20,21,23,24,25,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1225
uauaucagaa acagaaucag guguca 26

<210> 1226
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,20,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,21,22,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1226
uauaucagaa acagaaucag guguca 26

<210> 1227
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,20,21,22,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1227
uauaucagaa acagaaucag guguca   26

<210> 1228
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,14,16,18,22,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,20,21,23,24,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1228
uauaucagaa acagaaucag guguca   26

<210> 1229
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,15,16,18,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,17,19,20,21,22,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1229
uauaucagaa acagaaucag guguca   26

<210> 1230
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,16,18,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,19,20,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1230

uauaucagaa acagaaucag guguca 26

<210> 1231
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,10,12,16,18,20,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,19,21,22,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1231
uauaucagaa acagaaucag guguca 26

<210> 1232
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>

<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1232
uauaucagaa acagaaucag guguca 26

<210> 1233
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,14,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1233
uauaucagaa acagaaucag guguca 26

<210> 1234
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>

<221> modified_base
<222> 6,8,10,12,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,14,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1234
uauaucagaa acagaaucag guguca 26

<210> 1235
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,8,12,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,10,11,13,14,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1235
uauaucagaa acagaaucag guguca 26

<210> 1236
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,14,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1236
uauaucagaa acagaaucag guguca 26

<210> 1237
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4

<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1237
uauaucagaa acagaaucag guguca 26

<210> 1238
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1238
uauaucagaa acagaaucag guguca 26

<210> 1239
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,12,14,15,16,18,20,22,24,26

<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1239
uauaucagaa acagaaucag guguca 26

<210> 1240
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 6,10,12,15,16,18,20,22,24,26
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,11,13,14,17,19,21,23,25
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,4
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1240
uauaucagaa acagaaucag guguca 26

<210> 1241

<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<222> 1,2,3,4,5,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 1241
gcccctuauu guuauacgau u 21

<210> 1242
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 1242
tcguauaaca auaaggggc 19

<210> 1243
<211> 19
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1243
gccccuuauu guuauacga 19

<210> 1244
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1244

ucguauaaca auaagggg 18

<210> 1245
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1245
ccccuuauug uuauacga 18

<210> 1246
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1246
ucguauaaca auaaggg 17

<210> 1247
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1247
cccuuauugu uauacga 17

<210> 1248
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<222> 2-19
<223> /mod_base = "2'-hydroxy nucleoside"

<400> 1248
tgagaaugag ccucgauaa 19

<210> 1249
<211> 19
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1249
uuaucgaggc ucauucuca 19

<210> 1250
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1250
ugagaaugag ccucgaua 18

<210> 1251
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1251
uaucgaggcu cauucuca 18

<210> 1252
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1252
ugagaaugag ccucgau 17

<210> 1253
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1253
aucgaggcuc auucuca   17

<210> 1254
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1254
uguauaacaa uaagggg   17

<210> 1255
<211> 17
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1255
ccccuuauug uuauaca   17

<210> 1256
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 1,3,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,9,10,12,14,16,18,19,21,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1256
gccccuuauu guuauacgau u 21

<210> 1257
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG37) modification"

<400> 1257
cagccccuua uuguuauacg a 21

<210> 1258
<211> 19
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1258
uuaucgaggc ucauucuca 19

<210> 1259
<211> 19
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1259
gccccuuauu guuauacga   19

<210> 1260
<211> 22
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1260
acagccccuu auuguuauac ga   22

<210> 1261
<211> 22
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<400> 1261
aaagccccuu auuguuauac ga   22

<210> 1262
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,9,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1262
ugagaaugag ccucgauaau u 21

<210> 1263
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,4,6,8,9,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 1263
tcguauaaca auaaggggcu u 21

<210> 1264
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,4,6,8,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 3,5,7,9,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "2'-MOE nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end cyclopropyl phosphonate modification"

<400> 1264
tcguauaaca auaaggggcu u 21

<210> 1265
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,9,12,14,18,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,6,7,8,10,11,13,15,16,17,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1265
ucguauaaca auaaggggcu gccuau 26

<210> 1266
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,6,9,12,14,18,22
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,4,5,7,8,10,11,13,15,16,17,19,20,21,23,24,26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 25
<223> /mod_base = "2'-hydroxy nucleoside"

<220>
<221> modified_base
<222> 2,3,23,24
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1266
ucguauaaca auaaggggcu gccuau 26

<210> 1267
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,4,6,12,14,16,18,20
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,8,9,10,11,13,15,17,19,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 2,3,20,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1267
ucguauaaca auaaggggcu u   21

<210> 1268
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<220>
<221> modified_base
<223> 2,4,6,8,9,10,12,14,16,18
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,3,5,7,11,13,15,17,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 2,3,4,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1268
ucguauaaca auaaggggcu u   21

<210> 1269
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1-13,17-26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base

<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1269
uauauaguua ucgaggcuca uucuca 26

<210> 1270
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19
<223> /mod_base = "2'-O-methyl nucleoside"

<400> 1270
uuaucgaggc ucauucuca 19

<210> 1271
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 1,2,5,7,8,9,11,13,15,17
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 2,4,6,10,12,14,16,18,19
<223> /mod_base = "2'-O-methyl nucleoside"

<400> 1271
gccccuuauu guuauacga 19

<210> 1272
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 21
<223> /mod_base = "phosphorothioate linked nucleoside"

<400> 1272
gccccuuauu guuauacgau u 21

<210> 1273
<211> 26
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 14,15,16
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1-13,17-26
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 6,7
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base

<222> 1
<223> /mod_base = "5' end (NAG25) modification"

<400> 1273
uauaucagcc ccuuauuguu auacga 26

<210> 1274
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19
<223> /mod_base = "2'-O-methyl nucleoside"

<400> 1274
gccccuuauu guuauacga 19

<210> 1275
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,21
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base

<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1275
aagccccuua uuguuauacg a 21

<210> 1276
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1276
cagccccuua uuguuauacg a 21

<210> 1277
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base

<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18,19
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1277
gccccuuauu guuauacga   19

<210> 1278
<211> 19
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 7,8,9
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,10,11,12,13,14,15,16,17,18
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2,19
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1278
gccccuuauu guuauacga   19

<210> 1279
<211> 21
<212> DNA
<213> artificial sequence

<220>
<223> LPA RNAi agent sense strand

<220>
<221> modified_base
<223> 9,10,11
<223> /mod_base = "2'-deoxy-2'-fluoro nucleoside"

<220>
<221> modified_base
<222> 1,2,3,4,5,6,7,8,12,13,14,15,16,17,18,19,20,21
<223> /mod_base = "2'-O-methyl nucleoside"

<220>
<221> modified_base
<222> 1,2
<223> /mod_base = "phosphorothioate linked nucleoside"

<220>
<221> modified_base
<222> 1
<223> /mod_base = "5' end (NAG25)s modification"

<400> 1279
aagccccuua uuguuauacg a   21

<210> 1280
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1280
cguauaacaa uaaggggc   18

<210> 1281
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1281
gagaaugagc cucgauaa   18

<210> 1282
<211> 19
<212> RNA

<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1282
ucguauaaca auaaggggc 19

<210> 1283
<211> 19
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent antisense strand

<400> 1283
ugagaaugag ccucgauaa 19

<210> 1284
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent ense strand

<400> 1284
gccccuuauu guuauacg 18

<210> 1285
<211> 18
<212> RNA
<213> artificial sequence

<220>
<223> LPA RNAi agent ense strand

<400> 1285
uuaucgaggc ucauucuc 18