SEQUENCE LISTING

<110> NOXXON Pharma AG

<120> SDF-1 binding nucleic acids and the use thereof in cancer treatment

<130> SG3704A

<150> EP 10 009 397.0
<151> 2010-09-09

<160> 225

<170> PatentIn version 3.3

<210> 1
<211> 68
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> L-peptide

<400> 1

Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
1 5 10 15

His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
50 55 60

Ala Leu Asn Lys
65

<210> 2
<211> 72
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> L-peptide

<400> 2

Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser

1 5 10 15

His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
50 55 60

Ala Leu Asn Lys Arg Phe Lys Met
65 70

<210> 3
<211> 68
<212> PRT
<213> Mus musculus

<220>
<221> misc_feature
<223> L-peptide

<400> 3

Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
1 5 10 15

His Ile Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
50 55 60

Ala Leu Asn Lys
65

<210> 4
<211> 71
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> D-peptide

<220>
<221> misc_feature
<223> biotinylated at C-terminus

<400> 4

Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys Arg Phe Phe Glu Ser
1 5 10 15

His Val Ala Arg Ala Asn Val Lys His Leu Lys Ile Leu Asn Thr Pro
20 25 30

Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys Asn Asn Asn Arg Gln
35 40 45

Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln Glu Tyr Leu Glu Lys
50 55 60

Ala Leu Asn Lys Arg Phe Lys
65 70

<210> 5
<211> 47
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 5
agcguggugu gaucuagaug uaguggcuga uccuagucag guacgcu 47

<210> 6
<211> 47
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 6
agcguggugu gaucuagaug uauuggcuga uccuagucag guacgcu 47

<210> 7
<211> 47
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 7
agcguggugu gaucuagaug uaauggcuga uccuagucag gugcgcu 47

<210> 8
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 8
gcgaggugug aucuagaugu aguggcugau ccuagucagg ugcgc 45

<210> 9
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 9
gcguggugug aucuagaugu aguggcugau ccuagucagg ugcgc 45

<210> 10
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 10
gcauggugug aucuagaugu aguggcugau ccuagucagg ugccc 45

<210> 11
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 11
gcguggugug aucuagaugu aauggcugau ccuagucagg gacgc 45

<210> 12
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 12
gcguggugug aucuagaugu agaggcugau ccuagucagg uacgc 45

<210> 13
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 13
gcguggugug aucuagaugu aaaggcugau ccuagucagg uacgc 45

<210> 14
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 14
gcguggugug aucuagaugu aguggcuguu ccuagucagg uaugc 45

<210> 15
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 15
gcguggugug aucuagaugu aguggcugau ccuaguuagg uacgc 45

<210> 16
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 16
gcguggugug aucuagaugu aguggcugau ccuagucagg uacgc 45

<210> 17
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 17
cgugguguga ucuagaugua guggcugauc cuagucaggu acg 43

<210> 18
<211> 41
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 18
guggugugau cuagauguag uggcugaucc uagucaggua c 41

<210> 19
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 19
uggugugauc uagauguagu ggcugauccu agucaggua 39

<210> 20
<211> 37
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 20
ggugugaucu agauguagug gcugauccua gucaggu 37

<210> 21

<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 21
gugugaucua gauguagugg cugauccuag ucagg 35

<210> 22
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 22
gcguggugug aucuagaugu auuggcugau ccuagucagg uacgc 45

<210> 23
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 23
gcgcggugug aucuagaugu auuggcugau ccuagucagg cgcgc 45

<210> 24
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>

<221> misc_feature
<223> L-RNA

<400> 24
gcgcguguga ucuagaugua uuggcugauc cuagucaggg cgc 43

<210> 25
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 25
gggcguguga ucuagaugua uuggcugauc cuagucaggg ccc 43

<210> 26
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 26
ggccguguga ucuagaugua uuggcugauc cuagucaggg gcc 43

<210> 27
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 27
gcccguguga ucuagaugua uuggcugauc cuagucaggg ggc 43

<210> 28
<211> 45

<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (1)..(1)
<223> 40 kDa-PEG-moiety attached to 5'-end

<400> 28
gcguggugug aucuagaugu auuggcugau ccuagucagg uacgc 45

<210> 29
<211> 47
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 29
agcguggugu gaucuagaug uaguggcuga uccuagucag guacgcu 47

<210> 30
<211> 47
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 30
agcguggugu gaucuagaug uauuggcuga uccuagucag guacgcu 47

<210> 31
<211> 47
<212> DNA
<213> artificial

<220>

<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 31
agcguggugu gaucuagaug uaauggcuga uccuagucag gugcgcu 47

<210> 32
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 32
gcgaggugug aucuagaugu aguggcugau ccuagucagg ugcgc 45

<210> 33
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 33
gcguggugug aucuagaugu aguggcugau ccuagucagg ugcgc 45

<210> 34
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 34
gcauggugug aucuagaugu aguggcugau ccuagucagg ugccc 45

<210> 35
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 35
gcguggugug aucuagaugu aauggcugau ccuagucagg gacgc 45

<210> 36
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 36
gcguggugug aucuagaugu agaggcugau ccuagucagg uacgc 45

<210> 37
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 37
gcguggugug aucuagaugu aaaggcugau ccuagucagg uacgc 45

<210> 38
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 38
gcguggugug aucuagaugu aguggcuguu ccuagucagg uaugc 45

<210> 39
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 39
gcguggugug aucuagaugu aguggcugau ccuaguuagg uacgc 45

<210> 40
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 40
gcguggugug aucuagaugu aguggcugau ccuagucagg uacgc 45

<210> 41
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 41
cgugguguga ucuagaugua guggcugauc cuagucaggu acg 43

<210> 42
<211> 41
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 42
guggugugau cuagauguag uggcugaucc uagucaggua c 41

<210> 43
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 43
uggugugauc uagauguagu ggcugauccu agucaggua 39

<210> 44
<211> 37
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 44
ggugugaucu agauguagug gcugauccua gucaggu 37

<210> 45
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 45
gugugaucua gauguagugg cugauccuag ucagg 35

<210> 46
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 46
gcguggugug aucuagaugu auuggcugau ccuagucagg uacgc 45

<210> 47
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 47
gcgcggugug aucuagaugu auuggcugau ccuagucagg cgcgc 45

<210> 48
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 48
gcgcguguga ucuagaugua uuggcugauc cuagucaggg cgc 43

<210> 49
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 49
gggcguguga ucuagaugua uuggcugauc cuagucaggg ccc 43

<210> 50
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 50
ggccguguga ucuagaugua uuggcugauc cuagucaggg gcc 43

<210> 51
<211> 43
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 51
gcccguguga ucuagaugua uuggcugauc cuagucaggg ggc 43

<210> 52
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 52
gugugaucua gauguadwgg cugwuccuag uyagg 35

<210> 53
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 53
gugugaucua gauguadugg cugauccuag ucagg 35

<210> 54
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 54
aaaguaacac guaaaaugaa agguaac 27

<210> 55
<211> 26
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 55
aaagcaacau gucaaugaaa gguagc 26

<210> 56

<211> 18
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 56
gguuagggcu aaagucgg 18

<210> 57
<211> 19
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 57
gguuagggcu agaagucgg 19

<210> 58
<211> 19
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 58
gguuagggcu cgaagucgg 19

<210> 59
<211> 19
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>

<221> misc_feature
<223> L-RNA

<400> 59
gguuagggcu ugaagucgg 19

<210> 60
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 60
gcugugaaag caacauguca augaaaggua gccgcagc 38

<210> 61
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 61
gcugugaaag uaacauguca augaaaggua accacagc 38

<210> 62
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 62
gcugugaaag uaacacguca augaaaggua accgcagc 38

<210> 63
<211> 38

<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 63
gcugugaaag uaacacguca augaaaggua accacagc 38

<210> 64
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 64
gcuguaaaag uaacauguca augaaaggua acuacagc 38

<210> 65
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 65
gcuguaaaag uaacaaguca augaaaggua acuacagc 38

<210> 66
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature

<223> L-RNA

<400> 66
gcugugaaag uaacaaguca augaaaggua accacagc 38

<210> 67
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 67
gcagugaaag uaacauguca augaaaggua accacagc 38

<210> 68
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 68
gcugugaaag uaacauguca augaaaggua accacugc 38

<210> 69
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 69
gcuaugaaag uaacauguca augaaaggua accauagc 38

<210> 70
<211> 38
<212> DNA

<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 70
gcugcgaaag cgacauguca augaaaggua gccgcagc 38

<210> 71
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 71
gcugugaaag caacauguca augaaaggua gccacagc 38

<210> 72
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 72
gcugugaaag uaacauguca augaaaggua gccgcagc 38

<210> 73
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 73
agcgugaaag uaacacguaa aaugaaaggu aaccacgcu 39

<210> 74
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (16)..(16)
<223> a or absent

<400> 74
aaagyracah gumaaaugaa agguarc 27

<210> 75
<211> 26
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 75
aaagyracah gumaaugaaa gguarc 26

<210> 76
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 76
aaagyracah gumaaaugaa agguarc 27

<210> 77
<211> 26
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 77
aaagyaacah gucaaugaaa gguarc 26

<210> 78
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 78
cugugaaagc aacaugucaa ugaaagguag ccgcag 36

<210> 79
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 79
ugugaaagca acaugucaau gaaagguagc cgca 34

<210> 80
<211> 32
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 80
gugaaagcaa caugucaaug aaagguagcc gc 32

<210> 81
<211> 30
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 81
ugaaagcaac augucaauga aagguagccg 30

<210> 82
<211> 28
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 82
gaaagcaaca ugucaaugaa agguagcc 28

<210> 83
<211> 26
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 83
aaagcaacau gucaaugaaa gguagc 26

<210> 84
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 84
gcgugaaagc aacaugucaa ugaaagguag ccgcgc 36

<210> 85
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 85
gcgcgaaagc aacaugucaa ugaaagguag ccgcgc 36

<210> 86
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 86
gcggaaagca acaugucaau gaaagguagc ccgc 34

<210> 87
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 87
cgugaaagca acaugucaau gaaagguagc cgcg 34

<210> 88
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 88
gcgcaaagca acaugucaau gaaagguagc gugc 34

<210> 89
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 89
gugcaaagca acaugucaau gaaagguagc gcgc 34

<210> 90
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 90
cgcgaaagca acaugucaau gaaagguagc cgug 34

<210> 91

<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 91
gggcaaagca acaugucaau gaaagguagc gccc 34

<210> 92
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 92
ggccaaagca acaugucaau gaaagguagc ggcc 34

<210> 93
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 93
gcccaaagca acaugucaau gaaagguagc gggc 34

<210> 94
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>

<221> misc_feature
<223> L-RNA

<400> 94
ccccaaagca acaugucaau gaaagguagc gggg 34

<210> 95
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 95
gugcugcggg gguuagggcu agaagucggc cugcagcac 39

<210> 96
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 96
agcguggcga gguuagggcu agaagucggu cgacacgcu 39

<210> 97
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 97
guguugcgga gguuagggcu agaagucggu cagcagcac 39

<210> 98
<211> 48

<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 98
cgugcggccu aagagguuag ggcuuaaagu cggucuuugg ccaacacg 48

<210> 99
<211> 48
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 99
cgugcgcuug agauaggggu uagggcuuaa agucggcuga uucucacg 48

<210> 100
<211> 48
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 100
cgugauuggu gaggggguag ggcuugaagu cggccuuguc cagucacg 48

<210> 101
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature

<223> L-RNA

<400> 101
agcgugaagg gguuagggcu cgaagucggc ugacacgcu 39

<210> 102
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 102
gugcugcggg gguuagggcu cgaagucggc ccgcagcac 39

<210> 103
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 103
guguucccgg gguuagggcu ugaagucggc cggcagcac 39

<210> 104
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 104
guguugcagg gguuagggcu ugaagucggc cugcagcac 39

<210> 105
<211> 39
<212> DNA

<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 105
gugcugcggg gguuagggcu caaagucggc cugcagcac 39

<210> 106
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 106
gugcugccgg gguuagggcu aaagucggcc gacagcac 38

<210> 107
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 107
gugcuguggg ggucagggcu agaagucggc cugcagcac 39

<210> 108
<211> 19
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (13)..(13)
<223> A or absent

<400> 108
gguyagggcu hraagucgg 19

<210> 109
<211> 19
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 109
gguyagggcu hraagucgg 19

<210> 110
<211> 18
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 110
gguyagggcu hragucgg 18

<210> 111
<211> 19
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 111
gguuagggcu hgaagucgg 19

<210> 112
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 112
ugagauaggg guuagggcuu aaagucggcu gauucuca 38

<210> 113
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 113
gagauagggg uuagggcuua aagucggcug auucuc 36

<210> 114
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 114
gggguuaggg cuuaaagucg gcugauucu 29

<210> 115
<211> 37
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 115
gcguggcgag guuagggcua gaagucgguc gacacgc 37

<210> 116
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 116
cguggcgagg uuagggcuag aagucggucg acacg 35

<210> 117
<211> 33
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 117
cgggcgaggu uagggcuaga agucggucga ccg 33

<210> 118
<211> 33
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 118
cgggcgaggu uagggcuaga agucggucgc ccg 33

<210> 119
<211> 31
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 119
cggcgagguu agggcuagaa gucggucgcc g 31

<210> 120
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 120
cgggagguua gggcuagaag ucggucccg 29

<210> 121
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 121
gggagguuag ggcuagaagu cgguccc 27

<210> 122
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 122
ccgcgguuag ggcuagaagu cgggcgg 27

<210> 123
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 123
cccggguuag ggcuagaagu cggcggg 27

<210> 124
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 124
ggcgggguag ggcuagaagu cggcgcc 27

<210> 125
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 125
cccgcgguua gggcuagaag ucgggcggg 29

<210> 126

<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 126
gccgcgguua gggcuagaag ucgggcggc 29

<210> 127
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 127
ccccggguua gggcuagaag ucggcgggg 29

<210> 128
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 128
cggcgguua gggcuagaag ucggcgccg 29

<210> 129
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>

<221> misc_feature
<223> L-RNA

<400> 129
gggcggguua gggcuagaag ucggcgccc 29

<210> 130
<211> 37
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 130
ugcugcgggg guuagggcua gaagucggcc ugcagca 37

<210> 131
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 131
gcugcggggg uuagggcuag aagucggccu gcagc 35

<210> 132
<211> 33
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 132
cugcgggggu uagggcuaga agucggccug cag 33

<210> 133
<211> 31

<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 133
ugcggggguu agggcuagaa gucggccugc a 31

<210> 134
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 134
gcggggguua gggcuagaag ucggccugc 29

<210> 135
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 135
gccgggguua gggcuagaag ucggccggc 29

<210> 136
<211> 31
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature

<223> L-RNA

<400> 136
ggccgggguu agggcuagaa gucggccggc c 31

<210> 137
<211> 31
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 137
cgccgggguu agggcuagaa gucggccggc g 31

<210> 138
<211> 10
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (7)..(7)
<223> n is a, c, g, t or u

<400> 138
rksbusnvgr 10

<210> 139
<211> 10
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature

<222> (3)..(3)
<223> n is a, c, g, t or u

<400> 139
yynrcassmy 10

<210> 140
<211> 10
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 140
rksbugsvgr 10

<210> 141
<211> 10
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (3)..(3)
<223> n is a, c, g, t or u

<400> 141
ycnrcassmy 10

<210> 142
<211> 48
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 142

cgugguccgu ugugucaggu cuauucgccc cggugcaggg cauccgcg 48

<210> 143
<211> 49
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 143
gcagugugac gcggacguga uaggacagag cugaucccgc ucaggugag 49

<210> 144
<211> 49
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 144
caacagcagu gugacgcgga cgugauagga cagagcugau cccgcucag 49

<210> 145
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (1)..(1)
<223> 40 kDa-PEG-moiety attached to 5'-end

<400> 145
gcgugaaagc aacaugucaa ugaaagguag ccgcgc 36

<210> 146

<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 146
gcugugaaag caacauguca augaaaggua gccgcagc 38

<210> 147
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 147
gcugugaaag uaacauguca augaaaggua accacagc 38

<210> 148
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 148
gcugugaaag uaacacguca augaaaggua accgcagc 38

<210> 149
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>

<221> misc_feature
<223> D-RNA

<400> 149
gcugugaaag uaacacguca augaaaggua accacagc 38

<210> 150
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 150
gcuguaaaag uaacauguca augaaaggua acuacagc 38

<210> 151
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 151
gcuguaaaag uaacaaguca augaaaggua acuacagc 38

<210> 152
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 152
gcugugaaag uaacaaguca augaaaggua accacagc 38

<210> 153
<211> 38

<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 153
gcagugaaag uaacauguca augaaaggua accacagc 38

<210> 154
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 154
gcugugaaag uaacauguca augaaaggua accacugc 38

<210> 155
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 155
gcuaugaaag uaacauguca augaaaggua accauagc 38

<210> 156
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature

<223> D-RNA

<400> 156
gcugcgaaag cgacauguca augaaaggua gccgcagc 38

<210> 157
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 157
gcugugaaag caacauguca augaaaggua gccacagc 38

<210> 158
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 158
gcugugaaag uaacauguca augaaaggua gccgcagc 38

<210> 159
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 159
agcgugaaag uaacacguaa aaugaaaggu aaccacgcu 39

<210> 160
<211> 36
<212> DNA

<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 160
cugugaaagc aacaugucaa ugaaagguag ccgcag 36

<210> 161
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 161
ugugaaagca acaugucaau gaaagguagc cgca 34

<210> 162
<211> 32
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 162
gugaaagcaa caugucaaug aaagguagcc gc 32

<210> 163
<211> 30
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 163
ugaaagcaac augucaauga aagguagccg 30

<210> 164
<211> 28
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 164
gaaagcaaca ugucaaugaa agguagcc 28

<210> 165
<211> 26
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 165
aaagcaacau gucaaugaaa gguagc 26

<210> 166
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 166
gcgugaaagc aacaugucaa ugaaagguag ccgcgc 36

<210> 167
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 167
gcgcgaaagc aacaugucaa ugaaagguag ccgcgc 36

<210> 168
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 168
gcggaaagca acaugucaau gaaagguagc ccgc 34

<210> 169
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 169
cgugaaagca acaugucaau gaaagguagc cgcg 34

<210> 170
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 170
gcgcaaagca acaugucaau gaaagguagc gugc 34

<210> 171
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 171
gugcaaagca acaugucaau gaaagguagc gcgc 34

<210> 172
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 172
cgcgaaagca acaugucaau gaaagguagc cgug 34

<210> 173
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 173
gggcaaagca acaugucaau gaaagguagc gccc 34

<210> 174
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 174
ggccaaagca acaugucaau gaaagguagc ggcc 34

<210> 175
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 175
gcccaaagca acaugucaau gaaagguagc gggc 34

<210> 176
<211> 34
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 176
ccccaaagca acaugucaau gaaagguagc gggg 34

<210> 177
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 177

gugcugcggg gguuagggcu agaagucggc cugcagcac 39

<210> 178
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 178
agcguggcga gguuagggcu agaagucggu cgacacgcu 39

<210> 179
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 179
guguugcgga gguuagggcu agaagucggu cagcagcac 39

<210> 180
<211> 48
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 180
cgugcggccu aagagguuag ggcuuaaagu cggucuuugg ccaacacg 48

<210> 181
<211> 48
<212> DNA
<213> artificial

<220>

<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 181
cgugcgcuug agauaggggu uagggcuuaa agucggcuga uucucacg 48

<210> 182
<211> 48
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 182
cgugauuggu gaggggguag ggcuugaagu cggccuuguc cagucacg 48

<210> 183
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 183
agcgugaagg gguuagggcu cgaagucggc ugacacgcu 39

<210> 184
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 184
gugcugcggg gguuagggcu cgaagucggc ccgcagcac 39

<210> 185
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 185
guguuccccgg gguuagggcu ugaagucggc cggcagcac 39

<210> 186
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 186
guguugcagg gguuagggcu ugaagucggc cugcagcac 39

<210> 187
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 187
gugcugcggg gguuagggcu caaagucggc cugcagcac 39

<210> 188
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 188
gugcugccgg gguuagggcu aaagucggcc gacagcac 38

<210> 189
<211> 39
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 189
gugcuguggg ggucagggcu agaagucggc cugcagcac 39

<210> 190
<211> 38
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 190
ugagauaggg guuagggcuu aaagucggcu gauucuca 38

<210> 191
<211> 36
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 191
gagauagggg uuagggcuua aagucggcug auucuc 36

<210> 192
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 192
gggguuaggg cuuaaagucg gcugauucu 29

<210> 193
<211> 37
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 193
gcguggcgag guuagggcua gaagucgguc gacacgc 37

<210> 194
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 194
cguggcgagg uuagggcuag aagucggucg acacg 35

<210> 195
<211> 33
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 195
cgggcgaggu uagggcuaga agucggucga ccg 33

<210> 196
<211> 33
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 196
cgggcgaggu uagggcuaga agucggucgc ccg 33

<210> 197
<211> 31
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 197
cggcgagguu agggcuagaa gucggucgcc g 31

<210> 198
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 198
cgggagguua gggcuagaag ucggucccg 29

<210> 199
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 199
gggagguuag ggcuagaagu cgguccc 27

<210> 200
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 200
ccgcgguuag ggcuagaagu cgggcgg 27

<210> 201
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 201
cccggguuag ggcuagaagu cggcggg 27

<210> 202
<211> 27
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 202
ggcgggguuag ggcuagaagu cggcgcc 27

<210> 203
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 203
cccgcgguua gggcuagaag ucgggcggg 29

<210> 204
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 204
gccgcgguua gggcuagaag ucgggcggc 29

<210> 205
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 205
ccccggguua gggcuagaag ucggcgggg 29

<210> 206

<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 206
cggcgggguua gggcuagaag ucggcgccg 29

<210> 207
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 207
gggcgggguua gggcuagaag ucggcgccc 29

<210> 208
<211> 37
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 208
ugcugcgggg guuagggcua gaagucggcc ugcagca 37

<210> 209
<211> 35
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>

<221> misc_feature
<223> D-RNA

<400> 209
gcugcggggg uuagggcuag aagucggccu gcagc 35

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

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 210
cugcgggggu uagggcuaga agucggccug cag 33

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

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 211
ugcggggguu agggcuagaa gucggccugc a 31

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

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 212
gcggggguua gggcuagaag ucggccugc 29

<210> 213
<211> 29

<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 213
gccgggguua gggcuagaag ucggccggc 29

<210> 214
<211> 31
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 214
ggccgggguu agggcuagaa gucggccggc c 31

<210> 215
<211> 31
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 215
cgccgggguu agggcuagaa gucggccggc g 31

<210> 216
<211> 48
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature

<223> D-RNA

<400> 216
cgugguccgu ugugucaggu cuauucgccc cggugcaggg cauccgcg 48

<210> 217
<211> 49
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 217
gcagugugac gcggacguga uaggacagag cugaucccgc ucaggugag 49

<210> 218
<211> 49
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> D-RNA

<400> 218
caacagcagu gugacgcgga cgugauagga cagagcugau cccgcucag 49

<210> 219
<211> 40
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (1)..(1)
<223> 40 kDa-PEG-moiety attached to 5'-end

<400> 219
uaaggaaacu cggucugaug cgguagcgcu gugcagagcu 40

<210> 220
<211> 17
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 220
cgugcgcuug agauagg 17

<210> 221
<211> 12
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 221
cugauucuca cg 12

<210> 222
<211> 10
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<400> 222
cugauucuca 10

<210> 223
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (1)..(1)
<223> 40 kDa-PEG-moiety attached to 5'-end

<400> 223
gccgggguua gggcuagaag ucggccggc 29

<210> 224
<211> 29
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (1)..(1)
<223> 40 kDa-PEG-moiety attached to 5'-end

<400> 224
cgggagguua gggcuagaag ucggucccg 29

<210> 225
<211> 45
<212> DNA
<213> artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<223> L-RNA

<220>
<221> misc_feature
<222> (1)..(1)
<223> 40 kDa-PEG-moiety attached to 5'-end

<400> 225
cgcauggacu gauccuaguc gguuauguag aucuagugug gugcg 45