SEQUENCE LISTING

<110> REPLICOR INC.

<120> OLIGONUCLEOTIDE CHELATE COMPLEX METHODS

<130> 05016051-36PCT

<150> US 61/648694

<151> 2012-05-18

<160> 20

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2031, fully phosphorothioated

<400> 1

cccccccccc cccccccccc cccccccccc cccccccccc 40

<210> 2

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2055, fully phosphorothioated

<400> 2

acacacacac acacacacac acacacacac acacacacac 40

<210> 3

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2057, fully phosphorothioated

<400> 3

agagagagag agagagagag agagagagag agagagagag 40

<210> 4

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> full phosphorothioated, full 2' O methylribose,
each cytosine 5' methylated

<400> 4

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 5

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2056, full phosphorothioated

<400> 5

tctctctctc tctctctctc tctctctctc tctctctctc 40

<210> 6

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2133, full phosphorothioated

<400> 6

tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg 40

<210> 7

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> miRNA, LNA/DNA, full phosphorothioated

<220>

<221> misc_feature

<222> 3, 6, 9, 12, 15

<223> LNA

<220>

<221> modified_base

<222> 12, 15

<223> m5c

<400> 7

ccattgtcac actcca 16

<210> 8

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> siRNA

<220>

<221> misc_feature

<222> 20, 21

<223> deoxythymidine

<220>

<221> misc_feature

<222> 1-18

<223> ribonucleotide

<400> 8

ggcuccuuag caaagucaag tt 22

<210> 9

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> siRNA

<220>

<221> misc_feature

<222> 19, 20

<223> deoxythymidine

<220>

<221> misc_feature

<222> 1-18

<223> ribonucleotide

<400> 9

cuugacuuug cuaagagcct t 21

<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 10

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 11

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2148, full phosphorothioate, C = 5' methylcytidine

<400> 11

acacacacac acacacacac acacacacac acacacacac 40

<210> 12

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate, C = 5' methylcytidine

<400> 12

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 13

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate, full 2' O methyl ribose

<400> 13

acacacacac acacacacac acacacacac acacacacac 40

<210> 14

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate, full 2' O methyl ribose

<400> 14

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 15

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 15

gagagagaga gagagagaga gagagagaga gagagagaga 40

<210> 16

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 16

ctctctctct ctctctctct ctctctctct ctctctctct 40

<210> 17

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 17

gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 40

<210> 18

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> REP 2139, full phosphorothioate, full 2' O methyl ribose, C = 5' methylcytidine

<400> 18

acacacacac acacacacac acacacacac acacacacac 40

<210> 19

<211> 20

<212> RNA

<213> Artificial Sequence

<220>

<223> antisense, full phosphorothioate, full 2' O methyl ribose

<400> 19

ucaaggaaga uggcauuucu 20

<210> 20

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<220>

<221> misc_feature

<222> 1-5, 16-20

<223> 2'MOE RNA

<220>

<221> modified_base

<222> 12, 15

<223> m5c

<400> 20

gcctcagtct gcttcgcacc 20

SEQUENCE LISTING

<110> REPLICOR INC.

Andrew VAILLANT

Michel BAZINET

<120> OLIGONUCLEOTIDE CHELATE COMPLEX METHODS

<130> 05016051-36PCT

<150> US 61/648694

<151> 2012-05-18

<160> 22

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2031, fully phosphorothioated

<400> 1

cccccccccc cccccccccc cccccccccc cccccccccc 40

<210> 2

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2055, fully phosphorothioated

<400> 2

acacacacac acacacacac acacacacac acacacacac 40

<210> 3

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2057, fully phosphorothioated

<400> 3

agagagagag agagagagag agagagagag agagagagag 40

<210> 4

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> full phosphorothioated, full 2' O methylribose,
each cytosine 5' methylated

<400> 4

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 5

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2056, full phosphorothioated

<400> 5

tctctctctc tctctctctc tctctctctc tctctctctc 40

<210> 6

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2133, full phosphorothioated

<400> 6

tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg 40

<210> 7

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> miRNA, LNA/DNA, full phosphorothioated

<220>

<221> misc_feature

<222> 3, 6, 9, 12, 15

<223> LNA

<220>

<221> modified_base

<222> 12, 15

<223> m5c

<400> 7

ccattgtcac actcca 16

<210> 8

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> siRNA

<220>

<221> misc_feature

<222> 20, 21

<223> deoxythymidine

<220>

<221> misc_feature

<222> 1-18

<223> ribonucleotide

<400> 8

ggcuccuuag caaagucaag tt 22

<210> 9

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> siRNA

<220>

<221> misc_feature

<222> 19, 20

<223> deoxythymidine

<220>

<221> misc_feature

<222> 1-18

<223> ribonucleotide

<400> 9

cuugacuuug cuaagagcct t 21

<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 10

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 11

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> REP 2148, full phosphorothioate, C = 5' methylcytidine

<400> 11

acacacacac acacacacac acacacacac acacacacac 40

<210> 12

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate, C = 5' methylcytidine

<400> 12

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 13

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate, full 2' O methyl ribose

<400> 13

acacacacac acacacacac acacacacac acacacacac 40

<210> 14

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate, full 2' O methyl ribose

<400> 14

cacacacaca cacacacaca cacacacaca cacacacaca 40

<210> 15

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 15

gagagagaga gagagagaga gagagagaga gagagagaga 40

<210> 16

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 16

ctctctctct ctctctctct ctctctctct ctctctctct 40

<210> 17

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<400> 17

gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 40

<210> 18

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> REP 2139, full phosphorothioate, full 2' O methyl ribose, C = 5' methylcytidine

<400> 18

acacacacac acacacacac acacacacac acacacacac 40

<210> 19

<211> 20

<212> RNA

<213> Artificial Sequence

<220>

<223> antisense, full phosphorothioate, full 2' O methyl ribose

<400> 19

ucaaggaaga uggcauuucu 20

<210> 20

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> full phosphorothioate

<220>

<221> misc_feature

<222> 1-5, 16-20

<223> 2'MOE DNA

<220>

<221> modified_base

<222> 12, 15

<223> m5c

<400> 20

gcctcagtct gcttcgcacc 20

<210> 21

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> REP 2165, fully phosphorothioated, each cytosine 5' methylated

<220>

<221> misc_feature

<222> 1-10, 12-20, 22-30, 32-40

<223> 2' O methylribose modification

<400> 21

acacacacac acacacacac acacacacac acacacacac 40

<210> 22

<211> 40

<212> RNA

<213> Artificial Sequence

<220>

<223> fully phosphorothioated, each cytosine 5' methylated

<220>

<221> misc_feature

<222> 1-9, 11-19, 21-29, 31-40

<223> 2' O methylribose modification

<400> 22

cacacacaca cacacacaca cacacacaca cacacacaca 40