

300212SE SEQUENCE LISTING

<110> Smith, C.I. Edvard and Zain-Lugman, Rula

<120> Therapeutic method for Huntington's disease

<130> 300121SE

<160> 44

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<211> 3

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<220>

<221> repeated residues

<222> (1)..(3)

<223> residues 1-3 are repeated n times, n is typically about 3-30. The number of repeats, n, need not to be an integer, and a sequence where the majority of the repeats are CAG, and where the first complete repeat is optionally preceded by a G or an AG, and/or where the last repeat is optionally followed by a C or a CA

<400> 1

CAG

<210> 2

<211> 3

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide, any nucleotide may be replaced with 2'-O-methyl nucleotide

<220>

<221> repeated residues

<222> (1)..(3)

<223> CAG are repeated n times, n is typically about 3-30. The number of repeats, n, need not to be an integer, and a sequence where the majority of the repeats are CAG, and where the first complete repeat is optionally preceded by a G or an AG, and/or where the last repeat is optionally followed by a C or a CA.

<400> 2
CAG

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

<220>
<223> oligonucleotide, any nucleotide may be replaced with 5-propargylamino nucleotide

<220>
<221> repeated residues
<222> (1)..(3)
<223> CAG are repeated n times, n is typically about 3-30. The number of repeats, n, need not to be an integer, and a sequence where the majority of the repeats are CAG, and where the first complete repeat is optionally preceded by a G or an AG, and/or where the last repeat is optionally followed by a C or a CA.

<400> 3
CAG

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

<220>
<223> oligonucleotide, any nucleotide may be replaced with 2'-aminoglycyl nucleotide

<220>
<221> repeated residues
<222> (1)..(3)
<223> CAG are repeated n times, n is typically about 3-30. The number of repeats, n, need not to be an integer, and a sequence where the majority of the repeats are CAG, and where the first complete repeat is optionally preceded by a G or an AG, and/or where the last repeat is optionally followed by a C or a CA.

<400> 4
CAG

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

<220>

<223> oligonucleotide, any nucleotide may be replaced with piperazino-modified 2'-aminonucleotides

<220>

<221> repeated residues

<222> (1)..(3)

<223> CAG are repeated n times, n is typically about 3-30. The number of repeats, n, need not to be an integer, and a sequence where the majority of the repeats are CAG, and where the first complete repeat is optionally preceded by a G or an AG, and/or where the last repeat is optionally followed by a C or a CA.

<400> 5

CAG

<210> 6

<211> 10

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 6

cAgCAgCAgC

<210> 7

<211> 12

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 7

cAgCAgCAgCAg

<210> 8

<211> 13

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 8
cAgCAgCAgCAgc

<210> 9
<211> 14
<212> DNA
<213> artificial sequence

<220>
<223> oligonucleotide

<400> 9
cAgCAgCAgCAgCa

<210> 10
<211> 14
<212> DNA
<213> artificial sequence

<220>
<223> oligonucleotide

<400> 10
m^cA^mgCA^mgCA^mgCA^mgC^ma

<210> 11
<211> 14
<212> DNA
<213> artificial sequence

<220>
<223> oligonucleotide

<400> 11
cAgC^{gly}AgC^{gly}AgC^{gly}AgC^{gly}a

<210> 12
<211> 15
<212> DNA
<213> artificial sequence

<220>

<223> oligonucleotide

<400> 12
cAgCAgCAgCAgCAg

<210> 13
<211> 16
<212> DNA
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<220>
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<400> 13
cAgCAgCAgCAgCAgc

<210> 14
<211> 18
<212> DNA
<213> artificial sequence

<220>
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<400> 14
cAgCAgCAgCAgCAgCAg

<210> 15
<211> 19
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<220>
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<400> 15
cAgCAgCAgCAgCAgCAgc

<210> 16
<211> 17
<212> DNA
<213> artificial sequence

<220>

<223> oligonucleotide

<400> 16

gACgACgACgACgACgA

<210> 17

<211> 17

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 17

gAcGAcGAcGAcGAcGA

<210> 18

<211> 12

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 18

aAgAAgAAgAAg

<210> 19

<211> 14

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 19

aAgAAgAAgAAgAA

<210> 20

<211> 18

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 20

cAaCAgCAgCAaCAgCAa

<210> 21

<211> 13

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 21

cTgCTgCTgCTgc

<210> 22

<211> 13

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 22

gcTgcTcgTgcTg

<210> 23

<211> 19

<212> DNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 23

gcTgcTgcTgcTgcTg

<210> 24

<211> 42

<212> RNA

<213> artificial sequence

<220>

<223> oligonucleotide

<400> 24

CAGACAAUGAUUCACACGG[dT][dT][dT][dT]UUCUGUUACUAAGUGUGCC

<210> 25

<211> 20

<212> DNA

<213> HTT TSS Forward sequence

<400> 25

GGTTCTGCTTTTACCTGCGG

<210> 26

<211> 15

<212> DNA

<213> HTT TSS Reverse sequence

<400> 26

CTCGGGCCGACTCGC

<210> 27

<211> 17

<212> DNA

<213> Exon 1, Forward sequence

<400> 27

GGTCCAAGATGGACGGC

<210> 28

<211> 18

<212> DNA

<213> Exon 1, Reverse sequence

<400> 28

AGCACCGGGGCAATGAAT

<210> 29

<211> 17

<212> DNA

<213> 5' of CAG repeat, Forward sequence

<400> 29

ATTGCCCCGGTGCTGAG

<210> 30

<211> 20

<212> DNA

<213> 5' of CAG repeat, Reverse sequence

<400> 30

GGACTTGAGGGACTCGAAGG

<210> 31

<211> 20

<212> DNA

<213> Gene body (intron 1), Forward sequence

<400> 31

GCTCCCTCACTTGGGTCTTC

<210> 32

<211> 20

<212> DNA

<213> Gene body (intron 1), Reverse sequence

<400> 32

CAAGTTCTCGCCCCAACTCT

<210> 33

<211> 20

<212> DNA

<213> Gene body (intron 1), Forward sequence

<400> 33

GTCAGGCTTGCCAGAATACG

<210> 34

<211> 20

<212> DNA

<213> Gene body (intron 1), Reverse sequence

<400> 34
TGGGGTTCCGCTAGATGTTT

<210> 35
<211> 20
<212> DNA
<213> Gene body (intron 1), Forward sequence

<400> 35
GAAGACCTTTCTGCTGGGCT

<210> 36
<211> 21
<212> DNA
<213> Gene body (intron 1), Reverse sequence

<400> 36
TCTCCTTTGTCAAGGCAGCAA

<210> 37
<211> 23
<212> DNA
<213> Gene body (intron 1), Forward sequence

<400> 37
TTCCTATCTGGTGTTTCCCTGAC

<210> 38
<211> 23
<212> DNA
<213> Gene body (intron 1), Reverse sequence

<400> 38
TTAACACTCGATTAACCCTGACA

<210> 39
<211> 22
<212> DNA
<213> Gene body (intron 1), Forward sequence

<400> 39

TGAGTAAAGACCTCAAGCGAGT

<210> 40

<211> 23

<212> DNA

<213> Gene body (intron 1), Reverse sequence

<400> 40

GAAGATTTTGGACCTGTTCCCCC

<210> 41

<211> 20

<212> DNA

<213> Exon 30, Forward sequence

<400> 41

TGGGGACAGTACTTCAACGC

<210> 42

<211> 24

<212> DNA

<213> Exon 30, Reverse sequence

<400> 42

ACCTTGAAAATGTTTCTTCTGGCA

<210> 43

<211> 20

<212> DNA

<213> Exon 67, Forward sequence

<400> 43

TCATCAGCAGGATGGGCAAG

<210> 44

<211> 20

<212> DNA

<213> Exon 67, Reverse sequence

<400> 44

AGTCAGCAGCCGGTGATATG