

SEQUENCE LISTING

<110> SpeedX Pty Ltd
<120> Signal Amplification
<130> P011726C
<140> PCT/AU2011/001504
<141> 2011-11-21
<160> 104
<170> PatentIn version 3.5
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recognition sequence

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tgannnnnnn ntgct 15

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enzyme recognition sequence

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recognition sequence

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gccnnnnngg c

11

<210> 4
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recognition sequence

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restriction enzyme recognition sequence

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Eco377I, M.Eco377I, S.Eco377I restriction enzyme recognition
sequence

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<210> 7
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restriction enzyme recognition sequence

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14

<210> 8
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restriction enzyme recognition sequence

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<400> 8
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14

<210> 9
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restriction enzyme recognition sequence

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13

<210> 10
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restriction enzyme recognition sequence

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14

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recognition sequence

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11

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enzyme recognition sequence

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<400> 12
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10

<210> 13
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recognition sequence

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<400> 13
gaannnnnnn ttgg 14

<210> 14
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<210> 15
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recognition sequence

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<210> 16
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recognition sequence

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gcnnnnnnng c 11

<210> 17
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recognition sequence 5' strand

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<400> 17
cctcnnnnnn n

11

<210> 18
<211> 10
<212> DNA
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recognition sequence 3' strand

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<400> 18
ggagnnnnnn

10

<210> 19
<211> 16
<212> DNA
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<222> (1)..(4)
<223> n is a, c, g, or t

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<222> (9)..(16)
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<400> 19
nnnncctcnn nnnnnn

16

<210> 20
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<220>
<223> Description of Combined DNA/RNA Sequence: synthetic oligonucleotide with ribonucleotide at position six

<220>
<223> Description of Artificial Sequence: synthetic oligonucleotide

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<400> 20
nnnnnggagnn nnnnnn 16

<210> 21
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<400> 21
nnnnnggnnnn 10

<210> 22
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<400> 22
agnnnnnnnn 10

<210> 23
<211> 13
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recognition sequence 5' strand

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<400> 23
nncctcnnnn nnn

13

<210> 24
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recognition sequence 3' strand

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nnggagnnnn nn

12

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<400> 25
ctcttctctg tcttcacatc cta

23

<210> 26
<211> 16
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<213> Artificial Sequence

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<400> 26
taggatgtga agacga 16

<210> 27
<211> 18
<212> DNA
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<220>
<223> Description of Combined DNA/RNA Sequence: synthetic oligonucleotide with ribonucleotide at position nine

<220>
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<400> 27
ctcactatag gaagagat 18

<210> 28
<211> 20
<212> DNA
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<400> 28
ctcttctca gcagttcatc 20

<210> 29
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
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<400> 29
gatgaactgc tga 13

<210> 30
<211> 32
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gctcctcatc cagcagcggc cgaaatagtg ag 32

<210> 31
<211> 30
<212> DNA

<213> Artificial Sequence

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<400> 31
atctcttctc cgagcgtgta cgacaatggc 30

<210> 32
<211> 31
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

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gccattgtcg tacacctgct ggatgaggag c 31

<210> 33
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<220>

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<400> 33
tctcttcnn nnnnn 15

<210> 34
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<222> (12)..(15)

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<400> 34
tctcttcgg annnn 15

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<400> 35
tctcttcctc nnnnn 15

<210> 36
<211> 15
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<222> (14)..(15)
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<400> 36
tctcttcctc ttcnn 15

<210> 37
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<400> 37
nnnnnncctt cnnn 14

<210> 38
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nnngcgctt cnnn 14

<210> 39
<211> 20
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ctcttctca gcagttcatt 20

<210> 40
<211> 13
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<400> 40
aatgaactgc tga 13

<210> 41
<211> 11
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<400> 41
cctcnnnnnn n 11

<210> 42
<211> 10
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<222> (5)..(10)
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<400> 42
gaggnnnnnn 10

<210> 43
<211> 24
<212> DNA
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<220>
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<400> 43
catctcttcc tcagagcctg actt 24

<210> 44
<211> 16
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<213> Artificial Sequence

<220>
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<400> 44
aagtcaggtg ctgagg 16

<210> 45
<211> 15
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 45
aagtcaggtg ctgag 15

<210> 46
<211> 20
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<400> 46
ctcttctca gcacctgatt 20

<210> 47
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 47

aatcaggtgc tga 13

<210> 48
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 48
aagtcaggtg ctg 13

<210> 49
<211> 11
<212> DNA
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 49
aggaagagat g 11

<210> 50
<211> 21
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tccgcagcct cccttctcta c 21

<210> 51
<211> 11
<212> DNA
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gaggctgcgg a 11

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<211> 10
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<400> 52
gtagagaagg 10

<210> 53

<211> 13
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<400> 53
gggaggctgc gga 13

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tggttgagca gagaggatc atc 23

<210> 55
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tctctgctca acca 14

<210> 56
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partial EarI restriction enzyme recognition sequence

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<400> 56
gagaagnnnn 10

<210> 57
<211> 10
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partial AlwI restriction enzyme recognition sequence

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<400> 57
cctagnnnnn 10

<210> 58
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gatgaactgc tgaggaagag at 22

<210> 59
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caggatgtga agacgaggaa gaagat 26

<210> 60
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ctcttcact tgatcccgta t 21

<210> 61
<211> 14
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<400> 61
atacgggatc aagt 14

<210> 62
<211> 23
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 62
atacgggatc aagtgaaga gat 23

<210> 63
<211> 17
<212> DNA
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 63
ctctccaggc aagaggt 17

<210> 64
<211> 12
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 64
acctacttgc ct 12

<210> 65
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 65
acctacttgc ctggaagaga t 21

<210> 66
<211> 16
<212> DNA
<213> Artificial Sequence

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<400> 66
ctcttccgga gttgct 16

<210> 67
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<400> 67
agcaactccg gaagagat 18

<210> 68
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 68
tcagcagttt aaacaacc 18

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<400> 69
ggttggttaa 10

<210> 70
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<400> 70
ggttggttaa actgctga 18

<210> 71
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<400> 71
tcagcagtac acagaacc 18

<210> 72
<211> 10
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<400> 72
ggttctgtgt 10

<210> 73
<211> 18
<212> DNA

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<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 73
ggttctgtgt actgctga 18

<210> 74
<211> 13
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 74
aatcaggtgc tga 13

<210> 75
<211> 16
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<220>

<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 75
tcagtcccac gtgtga 16

<210> 76
<211> 24
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 76
tcagcacctc acacgtggga agag 24

<210> 77
<211> 44
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<400> 77
atctcttcct ctacaccttt tttttttttt ttttaggtg tgga 44

<210> 78
<211> 43
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 78
tccacacctc tcttcctttt tttttttttt tttttggaag aga 43

<210> 79
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 79
ggaagagatg 10

<210> 80
<211> 22
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 80
ggtgctgata ctgcgctctg gg 22

<210> 81
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 81
caaacgagtc ctggccttgt ctacaacgag gttgtgc 37

<210> 82
<211> 36
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 82
ttggtgaggc tagctgtgga gacggattac accttc 36

<210> 83
<211> 43
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 83
gaagggtgtaa tccgtctcca cagacaaggc caggactcgt ttg 43

<210> 84
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Combined DNA/RNA Sequence: synthetic
oligonucleotide with ribonucleotides at positions twenty-two
and twenty-three

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 84
cccagagcgc agtccacaac cgucaccaat cagcacc 37

<210> 85
<211> 40
<212> DNA
<213> Artificial Sequence

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<400> 85
ctcttcctct cttcccggat gtcggcctcc tagtacagcg 40

<210> 86
<211> 25
<212> DNA
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 86
taggatgtga agacgaggaa gagat 25

<210> 87
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 87
tgctcatctc agcggtcgaa atagtgagt 29

<210> 88
<211> 28
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 88
catctcttct ccgagcgtct acgacaat 28

<210> 89
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 89
attgtcgtag acctgagatg agca 24

<210> 90
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Combined DNA/RNA Sequence: synthetic oligonucleotide with ribonucleotide at position ten

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 90
actcactata ggaagagatg 20

<210> 91
<211> 23
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 91
cgacgtcctc aacaggcaac acc 23

<210> 92
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<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 92
ttcgttgctt gttga 15

<210> 93
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<400> 93
ggacgtcgta ctgcgctctg gg 22

<210> 94
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<223> Description of Combined DNA/RNA Sequence: synthetic
oligonucleotide with ribonucleotides at positions forty-one and
forty-two

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 94
ggtgctgata ctgctttttt tttttttgca gtccacaacc gucaccaaatt cagcacc 57

<210> 95
<211> 39
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 95
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<210> 96
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 96
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<210> 97
<211> 18
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 97
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<210> 98
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 98

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<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 99
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<210> 100
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 100
ccaggcactc actata 16

<210> 101
<211> 16
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<213> Artificial Sequence

<220>
<223> Description of Combined DNA/RNA Sequence: synthetic oligonucleotide with ribonucleotide at position sixteen

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 101
ccaggcactc actata 16

<210> 102
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic oligonucleotide

<400> 102
ccaaaccagg cactcactat aggaagagat g 31

<210> 103
<211> 33
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<213> Artificial Sequence

<220>
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<400> 103

ccaggcactc actatacact gcgacaagga tct

33

<210> 104

<211> 18

<212> DNA

<213> Artificial sequence

<220>

<223> Description of Artificial sequence: synthetic oligonucleotide

<400> 104

atcacatccg ggaagaga

18