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<110> Encodia, Inc.

<120> METHODS AND KITS USING NUCLEIC ACID ENCODING AND/OR LABEL

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<151> 2017-10-31

<150> 62/582,916
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<170> PatentIn version 3.5

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<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 134
caagcagaag acggcatacg agat 24

<210> 135
<211> 5
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide

<220>
<221> misc_feature
<222> (1)...(5)
<223> n = A,T,C or G

<400> 135
nnnnn 5

<210> 136
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<400> 136
Asp Tyr Lys Asp Asp Asp Asp Lys
1 5

<210> 137
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<400> 137

Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr
 1   5   10

<210> 138
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<400> 138
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
 1   5   10

<210> 139
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<400> 139
Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
 1   5

<210> 140
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<400> 140
Asn Trp Ser His Pro Gln Phe Glu Lys
 1   5

<210> 141
<211> 82
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base

<222> 1
<223> biotin

<400> 141
tttttgcaaa tggcattctg acatcccgta gtccgcgaca ctagatgtct agcatgccgc 60
cgtgtcatgt ggaaactgag tg 82

<210> 142
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> 1
<223> biotin

<400> 142
ttttttttt gactggttcc aattgacaag ccgtagtccg cgacactagt aagccggtat 60
atcaactgag tg 72

<210> 143
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> 1
<223> biotin

<220>
<221> modified_base
<222> 10
<223> three carbon (3C) spacer

<400> 143
ttttttttt 10

<210> 144
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> (31)...(32)
<223> 18-atom hexa-ethyleneglycol spacer

<220>
<221> modified_base
<222> 62
<223> three carbon (3C) spacer

<400> 144
ggatgtcaga atgccatttg ctttttttt tcactcagtc ctaacgcgta tacgcactca 60
gt 62

<210> 145
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> (31)...(32)
<223> 18-atom hexa-ethyleneglycol spacer

<220>
<221> modified_base
<222> 63
<223> three carbon (3C) spacer

<400> 145
ggatgtcaga atgccatttg ctttttttt tcactcagtc ctaacgcgta tacgtcactc 60
agt 63

<210> 146
<211> 63
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>

<221> modified_base
<222> (31)...(32)
<223> five 18-atom hexa-ethyleneglycol spacers

<220>
<221> modified_base
<222> 63
<223> three carbon (3C) spacer

<400> 146
ggatgtcaga atgccatttg ctttttttt tcactcagtc ctaacgcgta tacgtcactc 60
agt 63

<210> 147
<211> 71
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> (25)...(26)
<223> 18-atom hexa-ethyleneglycol spacer

<220>
<221> modified_base
<222> 63
<223> three carbon (3C) spacer)

<400> 147
gcttgtcaat tggaaccagt cttttcactc agtcctaacg cgtatacggg aatctcggca 60
gttcactcag t 71

<210> 148
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> 44
<223> three carbon (3C) spacer

<400> 148

cgatttgcaa ggatcactcg tcactcagtc ctaacgcgta tacg 44

<210> 149
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> spacer sequence

<400> 149
actgagtg 8

<210> 150
<211> 8
<212> DNA
<213> Artificial Sequence

<220>
<223> spacer sequence

<400> 150
cactcagt 8

<210> 151
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 151
cgtagtccgc gacactag 18

<210> 152
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 152
cgatttgcaa ggatcactcg 20

<210> 153
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<400> 153
gcaaatggca ttctgacatc c 21

<210> 154
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<400> 154
gactggttcc aattgacaag c 21

<210> 155
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> 23
<223> three carbon (3C) spacer

<400> 155
cgtatacgcg ttaggactga gtg 23

<210> 156
<211> 38
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic oligonucleotide

<220>
<221> modified_base
<222> 38
<223> three carbon (3C) spacer

<400> 156
aactgccgag attcccgtat acgcgttagg actgagtg 38

<210> 157
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 157
agtccgcgca atcagatgtc tagcatgccg gatccggatc gatctc 46

<210> 158
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 158
agtccgcgca atcagccgtg tcatgtggaa gatccggatc gatctc 46

<210> 159
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 159
agtccgcgca atcagtaagc cggtatatca gatccggatc gatctc 46

<210> 160
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 160
agtccgcgca atcagttcga tatgacggaa gatccggatc gatctc 46

<210> 161
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 161
tgcaaggatc actcgccaga tcacaagcgg gagatcgatc cggatc 46

<210> 162
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 162
tgcaaggatc actcgtccgg tacgctatct gagatcgatc cggatc 46

<210> 163
<211> 46
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 163
tgcaaggatc actcggatga tgagcctgga gagatcgatc cggatc 46

<210> 164
<211> 46
<212> DNA
<213> Artificial Sequence

<220>

<223> oligonucleotide primer

<400> 164
tgcaaggatc actcgttggc tctagtactc gagatcgatc cggatc 46

<210> 165
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 165
aatcgtagtc cgcgcaatca g 21

<210> 166
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> oligonucleotide primer

<400> 166
acgatttgca aggatcactc g 21

<210> 167
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> spacer sequence

<400> 167
gatccggatc gatctc 16

<210> 168
<211> 734
<212> DNA
<213> Artificial Sequence

<220>
<223> extended recording tag construct

<400> 168
aatcacggta caagtcactc atccgtacgc tatctgagaa tcgtccagat ccggcatgct 60
agtatctggt gcagactacg attgttacag atcactcaga tgatgagcac agaaaatcgt 120
cgaatcttcc atcaccatcg aacagttacg attaatgtag tccgcacaat cgaatgtcta 180
acatgccgaa tcccggacgt ctccagcttc taaaccaaca gtagtcgcac aaatcattgt 240
acggtacaag atctaacgag agatgatcgg atctgaccac tttaaacact gattacgcag 300
actacgatta cgatttaaga atcctcgtcc ggtacaatca tagtccgcac aatcaaccgt 360
gtcatgtgaa gatcagatcg atctcgaata gcgtaccaga cagtgatctt gcaaatcgta 420
atgtgtccgc gccaatcgat agccatgaat cccagtcgat ctcccgcttg tgatctggcg 480
atcgccttgt accgtcgtac gatttgagat cacctcgtta actcaagcta aagatcgtcc 540
ggatcgcttt ataaacatct gattgcgcgg tacgattatc gtagtccgca catatcgaac 600
ctgttgaaga tccggatcgt ctctccaggc tcatcatccg agtgatcctt gcaaataatc 660
atgtccgcac catcaggtgt ctaacgcttg ccggatccga atcgatctct ccaggctcat 720
catcgaagtg atgt 734

<210> 169
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<400> 169
Cys Pro Val Gln Leu Trp Val Asp Ser Thr
1 5 10

<210> 170
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic peptide

<220>
<221> VARIANT
<222> (1)...(10)
<223> Xaa = Any Amino Acid

<400> 170
Cys Pro Xaa Gln Xaa Trp Xaa Asp Xaa Thr
1 5 10

<210> 171
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> FLAG epitope peptide

<400> 171
Asp Tyr Lys Asp Asp Asp Asp Lys
 1   5

<210> 172
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> V5 epitope peptide

<400> 172
Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr
 1   5   10

<210> 173
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> c-Myc epitope peptide

<400> 173
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
 1   5   10

<210> 174
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> HA epitope peptide

<400> 174
Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
 1   5

<210> 175
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> V5 epitope peptide

<400> 175
Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr
 1   5   10

<210> 176
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> StrepTag II peptide

<400> 176
Asn Trp Ser His Pro Gln Phe Glu Lys
 1   5

<210> 177
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic nucleotide

<220>
<221> misc_feature
<222> (11)...(22)
<223> compartment bar code n = A, C, T, or G

<220>
<221> misc_feature
<222> (23)...(27)
<223> unique molecular identifier n = A, T, C or G

<400> 177
gcgcaatcag nnnnnnnnnn nnnnnnntgc aaggat   36

<210> 178
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic nucloetide

<220>

<221> misc_feature
<222> (1)...(12)
<223> Compartment barcod n = A, T, C or G

<400> 178
nnnnnnnnnn nn 12

<210> 179
<211> 5
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic nucloetide

<220>
<221> misc_feature
<222> (1)...(5)
<223> Unique molecular identifier; n = A, T, C or G

<400> 179
nnnnn 5

<210> 180
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> butelase I peptide substrate

<400> 180
Cys Gly Gly Ser Ser Gly Ser Asn His Val
1 5 10

<210> 181
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5'-phosphorylated

<220>

<221> misc_feature
<222> 47
<223> 3'-biotinylated

<400> 181
tgacatctag tgtcgcggac tacgtgcttg tcaattggaa ccagtct 47

<210> 182
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5'-phosphorylated

<220>
<221> misc_feature
<222> 49
<223> 3'-biotinylated

<400> 182
tgacatgtga aattgttatc cgctcatgga tgtcagaatg ccatttgct 49

<210> 183
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> variation
<222> (21)...(22)
<223> 3 18-atom hexa-ethyleneglycol spacers

<400> 183
gactggttcc aattgacaag ccgatttgca aggatcactc gutttaggt 49

<210> 184
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5' Biotin

<400> 184
tttttgcaaa tggcattctg acatcccgta gtccgcgaca ctagatgtct agcatgccgc 60
cgtgtcatgt ggaaga 76

<210> 185
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5'-phosphorylated

<220>
<221> misc_feature
<222> 54
<223> 3' C3 (three carbon) spacer

<400> 185
ctcttcttcc acatgacacg gcggcatgct agacatctag tgtcgcggac tacg 54

<210> 186
<211> 62
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> variation
<222> (31)...(32)
<223> 18-atom hexa-ethyleneglycol spacer

<400> 186
ggatgucaga augccatttg ctttttttt tcggtctcuc tcttccctaa cgcgtatacg 60
ga 62

<210> 187
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5'-phosphorylated

<220>
<221> misc_feature
<222> 35
<223> 3' C3 (three carbon) spacer

<400> 187
agagtccgta tacgcgttag ggaugagaga gaccg 35

<210> 188
<211> 76
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> variation
<222> (31)...(32)
<223> 18-atom hexa-ethyleneglycol spacer

<400> 188
ggatgucaga augccatttg ctttttttt tcggtctcuc gatttgcaag gatcactcgc 60
cgttattgac gctcga 76

<210> 189
<211> 49
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature

<222> 1
<223> 5'-phosphorylated

<220>
<221> misc_feature
<222> 49
<223> 3' C3 (three carbon) spacer

<400> 189
agagtcgagc gtcaataacg gcgagtgatc cttgcaaatc gagagaccg 49

<210> 190
<211> 81
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5' amine group

<220>
<221> variation
<222> (23)...(24)
<223> 5'-Octadiynyl dU

<400> 190
gcaaatggca ttctgacatc cttttcguag uccgcgacac tagatgtcta gcatgccgcc 60
gtgtcatgtg gaaactgagt g 81

<210> 191
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> 1
<223> 5' amine group 18-atom hexa-ethyleneglycol spacer

<220>
<221> misc_feature
<222> 32

<223> 3' C3 (three carbon) spacer

<400> 191
cactcagtcc taacgcgtat acgtcactca gt 32

<210> 192
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> misc_feature
<222> (31)...(32)
<223> 18-atom hexa-ethyleneglycol spacer

<220>
<221> misc_feature
<222> 75
<223> 3' C3 (three carbon) spacer

<400> 192
ggatgtcaga atgccatttg ctttttttt tcgatttgca aggatcactc gccgttattg 60
acgctctcac tcagt 75

<210> 193
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 193
cactcagttt ccacatgaca cggc 24

<210> 194
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 194
cactcagtcc taacgcgtat a 21

<210> 195
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 195
Gly Val Ala Met Pro Gly Ala Glu Asp Asp Val Val Gly Gly Gly Gly
 1   5   10   15
Ser Cys

<210> 196
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic construct

<220>
<221> FORMYLATION
<222> 1

<400> 196
Met Asp Val Glu Ala Trp Leu Gly Ala Arg Val Pro Leu Val Glu Thr
 1   5   10   15
Gly Ser Gly Ser Gly Ser Cys
            20

<210> 197
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> synthetic construct

<400> 197
His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Gly Ser Gly
 1   5   10   15
Ser Cys

<210> 198
<211> 103
<212> PRT
<213> A. tumefaciens

<400> 198
Met Ser Asp Ser Pro Val Asp Leu Lys Pro Lys Pro Lys Val Lys Pro
 1   5   10   15
Lys Leu Glu Arg Pro Lys Leu Tyr Lys Val Met Leu Leu Asn Asp Asp
            20   25   30
Tyr Thr Pro Arg Glu Phe Val Thr Val Val Leu Lys Ala Val Phe Arg
        35   40   45
Met Ser Glu Asp Thr Gly Arg Arg Val Met Met Thr Ala His Arg Phe
    50   55   60
Gly Ser Ala Val Val Val Val Cys Glu Arg Asp Ile Ala Glu Thr Lys
65   70   75   80
Ala Lys Glu Ala Thr Asp Leu Gly Lys Glu Ala Gly Phe Pro Leu Met
                85   90   95
Phe Thr Thr Glu Pro Glu Glu
            100

<210> 199
<211> 108
<212> PRT
<213> E. coli

<400> 199
Met Gly Lys Thr Asn Asp Trp Leu Asp Phe Asp Gln Leu Ala Glu Glu
 1   5   10   15
Lys Val Arg Asp Ala Leu Lys Pro Pro Ser Met Tyr Lys Val Ile Leu
            20   25   30
Val Asn Asp Asp Tyr Thr Pro Met Glu Phe Val Ile Asp Val Leu Gln
        35   40   45
Lys Phe Phe Ser Tyr Asp Val Glu Arg Ala Thr Gln Leu Met Leu Ala
    50   55   60
Val His Tyr Gln Gly Lys Ala Ile Cys Gly Val Phe Thr Ala Glu Val
65   70   75   80
Ala Glu Thr Lys Val Ala Met Val Asn Lys Tyr Ala Arg Glu Asn Glu
                85   90   95
His Pro Leu Leu Cys Thr Leu Glu Lys Ala Gly Ala
            100   105

<210> 200
<211> 85
<212> PRT
<213> C. crescentus

<400> 200
Thr Gln Lys Pro Ser Leu Tyr Arg Val Leu Ile Leu Asn Asp Asp Tyr
 1   5   10   15
Thr Pro Met Glu Phe Val Val Tyr Val Leu Glu Arg Phe Phe Asn Lys
            20   25   30
Ser Arg Glu Asp Ala Thr Arg Ile Met Leu His Val His Gln Asn Gly
        35   40   45

Val Gly Val Cys Gly Val Tyr Thr Tyr Glu Val Ala Glu Thr Lys Val
50 55 60
Ala Gln Val Ile Asp Ser Ala Arg Arg His Gln His Pro Leu Gln Cys
65 70 75 80
Thr Met Glu Lys Asp
85

<210> 201
<211> 19
<212> PRT
<213> Artificial Sequences

<220>
<223> Artificial Construct

<400> 201

Phe Ala Gly Val Ala Met Pro Gly Ala Glu Asp Asp Val Val Gly Ser
1 5 10 15

Gly Ser Lys

<210> 202
<211> 18
<212> PRT
<213> Artificial Sequences

<220>
<223> Artificial Construct

<400> 202

Ala Gly Val Ala Met Pro Gly Ala Glu Asp Asp Val Val Gly Ser Gly
1 5 10 15

Ser Lys

<210> 203
<211> 20
<212> PRT
<213> Artificial Sequences

<220>

<223> Artificial Construct

<400> 203

Ala Phe Ala Gly Val Ala Met Pro Gly Ala Glu Asp Asp Val Val Gly
1 5 10 15

Ser Gly Ser Lys
20

<210> 204
<211> 22
<212> DNA
<213> Oligonucleotide

<400> 204
gcttgtcaat tggaaccagt ct 22

<210> 205
<211> 23
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 205
gacatctagt gtcgcggact acg 23

<210> 206
<211> 21
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 206
gcttgtcaat tggaaccagt c 21

<210> 207
<211> 24
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 207
cgatttgcaa ggatcactcg aggt 24

<210> 208
<211> 22
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 208
gcttgtcaat tggaaccagt ct 22

<210> 209
<211> 32
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 209
cactcagttt ccgtcatatc gaatcactca gt 32

<210> 210
<211> 32
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 210
cactcagtcc taacgcgtat acgtcactca gt 32

<210> 211
<211> 44
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 211
cgatttgcaa ggatcactcg ccgttattga cgctctcact cagt 44

<210> 212
<211> 153
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 212
cgtagtccgc gacactagaa taagccggta tatcaactga gtgattcgat atgacggaaa 60

ctgagtgacg tatacgcgtt aggactgagt gagagcgtca ataacggcga gtgatccttg 120

caaatcgccc tatagtgagt cgtattaatt cgc 153

<210> 213
<211> 199
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 213
cgtagtccgc gacactagcg tatacgcgtt aggactgagt gagagcgtca ataacggact 60

gagtgagagt cggtaccttg aactgagtga aactgccgag attccactga gtgattcgat 120

atgacggaaa ctgagtgata agccggtata tcacgagtga tccttgcaaa tcgccctata 180

gtgagtcgta ttaattcgc 199

<210> 214
<211> 70
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 214
gactggttcc aattgacaag ctttttttc gtagtccgcg acactagtaa gccggtatat 60

caactgagtg 70

<210> 215
<211> 43
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

<400> 215
ttcgtagtcc gcgacactag taagccggta tatcaactga gtg 43

<210> 216
<211> 46
<212> DNA
<213> Artificial Sequences

<220>
<223> Oligonucleotide

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