

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)
SEQUENCE LISTING

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Kim, Lee P.
Armour, Christopher D.

<120> METHODS FOR QUANTITATIVE GENETIC ANALYSIS OF CELL FREE DNA

<130> CLFK-002/00WO

<140> PCT
<141> 2014-08-22

<160> 562

<170> PatentIn version 3.5

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 91

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ccatgaccaa agtattcttc tgtatcttct ttctt 95

<210> 92

<211> 95

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 92

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tcccgagac ttgcgaagtt cccactctct gggcg 95

<210> 93

<211> 95

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 93

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ccaagcggag gctgggccgg ctgtgctggc ctctt 95

<210> 94

<211> 95

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 94

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gaaacgtgtt tcaagcatag ttttgacaga taacg 95

<210> 95

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<211> 95
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 <220>
 <223> Probe

 <400> 95
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 ccctgatgtc tgcatttgtc ctttgactgg tgttt 95

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

 <220>
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 <400> 96
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 agcaggagtg tgattctggc caaccaccct ctctg 95

 <210> 97
 <211> 95
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 97
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 <210> 98
 <211> 95
 <212> DNA
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 <220>
 <223> Probe

 <400> 98
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 <212> DNA
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 <220>
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 <400> 99
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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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 <220>
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 <212> DNA
 <213> Artificial Sequence

 <220>
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 atcccagaaa agttaagtc aaatctgaaa cacat 95

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 <211> 95
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <210> 103
 <211> 95
 <212> DNA
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 <220>
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 <400> 103
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 ctgcgattgc agaagatgac ctgggagggc tcgcg 95

 <210> 104
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 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 104
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gtccctgctg ggtcgggcct aagcgccggg cccgt 95

<210> 105
 <211> 95
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 105
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<210> 106
 <211> 95
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 106
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 cggtgtggct cttaacaac ctttgcttgt cccga 95

<210> 107
 <211> 95
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 107
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 aacaacctta tctttttaaa aagtaaacg tcagt 95

<210> 108
 <211> 95
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 108
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 ctagtctgcc actgaggatt tggtttttgc cttc 95

<210> 109
 <211> 95
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 109

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

atgtgactgg cacgggagtt gaccttggtt ttcacatcaa gactcatcag taccatcaaa	60
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<210> 110
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 110	
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ccccttcttc ttccc	75

<210> 111
 <211> 75
 <212> DNA
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<220>
 <223> Probe

<400> 111	
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ggagggcagg tactt	75

<210> 112
 <211> 75
 <212> DNA
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<220>
 <223> Probe

<400> 112	
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gtctacctgt taatg	75

<210> 113
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 113	
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atcctgagga tgatc	75

<210> 114
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<400> 114
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 cagactggga ggtaa 75

<210> 115
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 115
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 ctgcctctca gctct 75

<210> 116
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 116
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 ttggcagacg tgctc 75

<210> 117
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 117
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 tcttagcaca caaga 75

<210> 118
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 118
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 ctccatgaaa tcatg 75

<210> 119
 <211> 75
 <212> DNA
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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<220>
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 aaaaggttta aatgg 75

 <210> 120
 <211> 75
 <212> DNA
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 <220>
 <223> Probe

 <400> 120
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 gaacttaaac ttacc 75

 <210> 121
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 121
 atgtgactgg cacgggagtt gatcctgggtt ttcaccaat gcaacagact ttaaagaagt 60
 tgtgttttac aatgc 75

 <210> 122
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 122
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 tatttcagtg ttact 75

 <210> 123
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 123
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 cttttttttc ttcc 75

 <210> 124
 <211> 75
 <212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 124

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cctttaactc aagac 75

<210> 125

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 125

atgtgactgg cacgggagtt gatcctgggtt ttcacgggggt gggcagcagc tcgaatttct 60

tccagatatc ctgc 75

<210> 126

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 126

atgtgactgg cacgggagtt gatcctgggtt ttcaccatgg tgaaccagag tttcatctgc 60

gacccggacg acgag 75

<210> 127

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 127

atgtgactgg cacgggagtt gatcctgggtt ttcacgacgg agagaaggcg ctggagtcctt 60

gcgaggcgca ggact 75

<210> 128

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 128

atgtgactgg cacgggagtt gatcctgggtt ttcacgagca tctaggtagg tctttgtagc 60

caatgttacc cgatt 75

<210> 129

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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

 <220>
 <223> Probe

 <400> 129
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 gagagaaata cccga 75

 <210> 130
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 130
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 tggttttttgc ccttc 75

 <210> 131
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 131
 atgtgactgg cacgggagtt gatcctgggtt ttcactcaaa agctgagatg aaacagtgta 60
 agtttcaaca gaaat 75

 <210> 132
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 132
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 ctatttttgca tctca 75

 <210> 133
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 133
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 tgtatcttct ttctt 75

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<210> 134
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 134
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 cccactctct gggcg 75

 <210> 135
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 135
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 ctgtgctggc ctctt 75

 <210> 136
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 136
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 ttttgacaga taacg 75

 <210> 137
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 137
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 ctttgactgg tgttt 75

 <210> 138
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 138
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caaccaccct ctctg 75

<210> 139
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 139
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 ggcagcgccc tgctc 75

<210> 140
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 140
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 gttatctttt tacca 75

<210> 141
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 141
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 ggaaaaacat caaaa 75

<210> 142
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 142
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 tgtcacttgt ctttc 75

<210> 143
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 143

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

atgtgactgg cacgggagtt gacacctggtt ttcactaggt atcccagaaa agttaaagtc	60
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<210> 144	
<211> 75	
<212> DNA	
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gtctggatcg cggag	75
<210> 145	
<211> 75	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Probe	
<400> 145	
atgtgactgg cacgggagtt gacacctggtt ttcacgcgga ctgcgattgc agaagatgac	60
ctgggagggc tcgcg	75
<210> 146	
<211> 75	
<212> DNA	
<213> Artificial Sequence	
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aagcgccggg cccgt	75
<210> 147	
<211> 75	
<212> DNA	
<213> Artificial Sequence	
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cgctcggatga actcg	75
<210> 148	
<211> 75	
<212> DNA	
<213> Artificial Sequence	
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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<400> 148
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 ctttgcttgt cccga 75

<210> 149
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 149
 atgtgactgg cacgggagtt gaccttggtt ttcacaccac aacaacctta tctttttaaa 60
 aagtaaaacg tcagt 75

<210> 150
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 150
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 tggtttttgc ctttc 75

<210> 151
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 151
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 agtttcaaca gaaat 75

<210> 152
 <211> 58
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ACA2_FLFP primer

<400> 152
 aatgatacgg cgaccaccga gatctacacg tcatgcagga ccagagaatt cgaataca 58

<210> 153
 <211> 57
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> CAC3_FLRP primer

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<400> 153
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<210> 154
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Probe

<400> 154
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gcacctcctt caggt 75

<210> 155
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Probe

<400> 155
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gtgcggagct tgctc 75

<210> 156
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
<223> Probe

<400> 156
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cactgcaggt gggtg 75

<210> 157
<211> 75
<212> DNA
<213> Artificial Sequence

<220>
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<400> 157
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gcctccctgg atctc 75

<210> 158
<211> 75
<212> DNA
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<220>
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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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 aggtgtgtct ttaat 75

<210> 159
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 159
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 atatagggca gagtc 75

<210> 160
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 160
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 tttattagaa gaaat 75

<210> 161
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 161
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 tataacccca cgtga 75

<210> 162
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 162
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 caaggcccta agggg 75

<210> 163
 <211> 75
 <212> DNA
 <213> Artificial Sequence

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<220>
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 ttctgctgtg ctacg 75

 <210> 164
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 164
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 tcagttgtgt ttcct 75

 <210> 165
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 165
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 ggtgtctggg gatct 75

 <210> 166
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 166
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 tggactgcag tttcc 75

 <210> 167
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 167
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 agggttgtca atgaa 75

 <210> 168
 <211> 75
 <212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 168

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<210> 169

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 169

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ctgtgtgtaa agccc 75

<210> 170

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 170

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caatggaccg accgt 75

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<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 171

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ccatgcaaca agtgt 75

<210> 172

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 172

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tcccttctac cggca 75

<210> 173

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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

 <220>
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 <400> 173
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 aagcctctgc ccatc 75

 <210> 174
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 174
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 gcaggtcagc tcacc 75

 <210> 175
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 175
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 ggtggagggc tgggt 75

 <210> 176
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 176
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 atgtgggagc tagaa 75

 <210> 177
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 177
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 ctgatcagcc aggag 75

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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

 <220>
 <223> Probe

 <400> 178
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 ggaaggttgg gagct 75

<210> 179
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 179
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 gaagtgacac cttgg 75

<210> 180
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 180
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 ctctgtgcac tcacc 75

<210> 181
 <211> 75
 <212> DNA
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 <220>
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 <400> 181
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 acggggcgga aagaa 75

<210> 182
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 182
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tccagtgtccc caggg 75

<210> 183
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 183
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 cccaacccgg tcac 75

<210> 184
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 184
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 gaagccgctc cacat 75

<210> 185
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 185
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 tcccgccgtg gtctt 75

<210> 186
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 186
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 ttcacgggaa agggg 75

<210> 187
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 187

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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 ttcaaattgg tctca 75

<210> 188
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 188
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 caatgtttgt ttaaa 75

<210> 189
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 189
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 cccacagaa gaaga 75

<210> 190
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 190
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 acgcctcgct cttta 75

<210> 191
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 191
 atgtgactgg cacgggagtt gatcctgggtt ttcactctca cgctcagggg ccacgtgccg 60
 gagttggtaa agaatt 75

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

<220>
 <223> Probe

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<400> 192
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 cttggcggcc ttctc 75

<210> 193
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 193
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 ggtggtgggc ctgcc 75

<210> 194
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 194
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 tcctgactca gaggg 75

<210> 195
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 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 195
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 tcctagcgtc gagcc 75

<210> 196
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 196
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 ttgcagcagc cagac 75

<210> 197
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 <212> DNA
 <213> Artificial Sequence

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<220>
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 <400> 197
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 gccctccagg tcccc 75

 <210> 198
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 198
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 tccatgggac tgact 75

 <210> 199
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 199
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 agtctcatgg aagcc 75

 <210> 200
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 200
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 cccagaatgc aagaa 75

 <210> 201
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 201
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 ggtttccgtc tgggc 75

 <210> 202
 <211> 75
 <212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 202

atgtgactgg cacgggagtt gatcctgggtt ttcacgaagg gacagaagat gacaggggcc 60

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<210> 203

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 203

atgtgactgg cacgggagtt gatcctgggtt ttcacgtggc ccctgcacca gcagctccta 60

caccggcggc ccctg 75

<210> 204

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 204

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ggagcttcat ctgga 75

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<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 205

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cactgaagac ccagg 75

<210> 206

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 206

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tggtcctctg actgc 75

<210> 207

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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

 <220>
 <223> Probe

 <400> 207
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 tccagcccca gctgc 75

 <210> 208
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 208
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 ggtgggggca gcgcc 75

 <210> 209
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 209
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 tgacggaggt tgtga 75

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

 <220>
 <223> Probe

 <400> 210
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 gggggtgtgg aatca 75

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

 <220>
 <223> Probe

 <400> 211
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 tgtgcagctg tgggt 75

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<210> 212
 <211> 75
 <212> DNA
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 <220>
 <223> Probe

 <400> 212
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 gactttcaac tctgt 75

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

 <220>
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 <400> 213
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 cccctcctcc cagag 75

 <210> 214
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 214
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 <210> 215
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 <212> DNA
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 <220>
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 <400> 215
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 gatgacagaa acact 75

 <210> 216
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 216
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tcactgattg ctctt 75

<210> 217
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 217
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 caggccagtg tgcag 75

<210> 218
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 218
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 gtgaggatgg gcctc 75

<210> 219
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 219
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 gggcggcatg aaccg 75

<210> 220
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 220
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 actggcctca tcttg 75

<210> 221
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 221

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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 ttcttgtcct gcttg 75

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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 222
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 gctcgtggtg aggct 75

<210> 223
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 223
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 tccgcaagaa agggg 75

<210> 224
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 224
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 acctcaaagc tgttc 75

<210> 225
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 225
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 taatctactg ggacg 75

<210> 226
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<400> 226
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 ctgcctcttg cttct 75

<210> 227
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 227
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 ctttccactt gataa 75

<210> 228
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 228
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 cagtggtttc ttctt 75

<210> 229
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 <213> Artificial Sequence

<220>
 <223> Probe

<400> 229
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 tcctctcccc agcca 75

<210> 230
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 230
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 ttccttgcct ctttc 75

<210> 231
 <211> 75
 <212> DNA
 <213> Artificial Sequence

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

<220>
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 gggagtaggg ccagg 75

 <210> 232
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 232
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 ggctccttcc cagcc 75

 <210> 233
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 <213> Artificial Sequence

 <220>
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 actcaaggat gccca 75

 <210> 234
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 <213> Artificial Sequence

 <220>
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 tatacttact tctcc 75

 <210> 235
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 <213> Artificial Sequence

 <220>
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 <400> 235
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<213> Artificial Sequence

<220>

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<400> 236

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<210> 237

<211> 75

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 237

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acctcccgcc ataaa 75

<210> 238

<211> 75

<212> DNA

<213> Artificial Sequence

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<210> 240

<211> 75

<212> DNA

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<220>

<223> Probe

<400> 240

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gcccaggctg ttgca 75

<210> 241

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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 <220>
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 <400> 241
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 tttcttccat tgcac 75

 <210> 242
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 242
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 tcttcaacct ctgca 75

 <210> 243
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 243
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 ccctgagcca aatgt 75

 <210> 244
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 244
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 ttgctgaaaa tgaca 75

 <210> 245
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 245
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 aaatgatact gatcc 75

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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 <212> DNA
 <213> Artificial Sequence

 <220>
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 <400> 246
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 acggtacaac ttcct 75

 <210> 247
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 247
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 agctctcagg gtaca 75

 <210> 248
 <211> 75
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Probe

 <400> 248
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 ctgcgcgcggtg ctgctg 75

 <210> 249
 <211> 75
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 <213> Artificial Sequence

 <220>
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 <400> 249
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 gaatcattga tgtgc 75

 <210> 250
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 <213> Artificial Sequence

 <220>
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 <400> 250
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tacactccta ttgat 75

<210> 251
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Probe

<400> 251
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 cagggctgga catcc 75

<210> 252
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 252
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 aactcgtaga aagag 75

<210> 253
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 253
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 gcgggagctt ctcca 75

<210> 254
 <211> 75
 <212> DNA
 <213> Artificial Sequence

<220>
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<400> 254
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 ttgatgaagg tctcg 75

<210> 255
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<220>
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<400> 255

CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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<211> 75	
<212> DNA	
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<400> 256	
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ttttcagtct ctgca	75
<210> 257	
<211> 75	
<212> DNA	
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tggactccag ccatg	75
<210> 258	
<211> 75	
<212> DNA	
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<220>	
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agtgtccccc gtcct	75
<210> 259	
<211> 21	
<212> DNA	
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<220>	
<221> misc_feature	
<222> (1)..(5)	
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CLFK_002_00WO_SEQUENCE_LISTING_ST25 (1)

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