

SEQUENCE LISTING

<110> UNIVERSAL DIAGNOSTICS, S.L.

<120> DETECTION OF COLORECTAL CANCER AND/OR ADVANCED ADENOMAS

<130> AX200120W0

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<150> US16/680,427

<151> 2019-11-11

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<212> DNA
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<211> 1848

<212> DNA

<213> Homo sapiens

<400> 11

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<212> DNA

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<211> 1258

<212> DNA

<213> Homo sapiens

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 <212> DNA
 <213> Homo sapiens

<400> 20
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<210> 21
 <211> 795
 <212> DNA
 <213> Homo sapiens

<400> 21
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ctgggcagag cagac	795

<210> 22
 <211> 160
 <212> DNA
 <213> Homo sapiens

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gcgccctgcg tggggggccgc aggttcagac acccgggcgc	160

<210> 23
 <211> 554
 <212> DNA
 <213> Homo sapiens

<400> 23	
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cagttctgat ttgttgaatt aagtgaccgc ggggtgtgcta atgcttctaa aaaacagcat	180
tagccttctc ccatcaaaag tccggaagct gcccttcagt cgtcaaagtg tttgccttaa	240

tttgcaatcg ttatgacttg agccaaatgc ttatacctca tttgtgtcgt atatgtgaag	300
atacaattgc aaatcgttca cgaccttgag tcaagacctt gagtttcctg aggtcaggag	360
accgttaggg aatgtgagtg tcccagacgg gcgctgagcc cagctcggag acccaccctg	420
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ttatttatga ctgc	554

<210> 24
 <211> 1732
 <212> DNA
 <213> Homo sapiens

<400> 24	
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ttgggagcag ccggctgccc ttctaaaatg atctaggaaa ggtgccagta acataagccg	180
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aaccccggaa gatccagaaa tggggtgctg acagggacct aacctgtcca ccaccctcg	360
gtcgggtggga ctgaaacca tgtctttgag ctgctttacc agttttatttc caaaaagtcc	420
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aactctcaac cgtggtaaat ctaattcgct tacgacctt ttccgagagc tgggaatctg	540
cagagatgct ctgttttctg ctgtactaat ctcaggcttc ccaaagcgag tgcctcgccc	600
agctcctagg ggaatccacg gagccccagg cgcagggcaa aggatggggc gggatgggga	660
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cccgacgcag gtccggaggg tgcgcggccc aagagaaggc cagcgggacc acagcgcggc	960
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cagcgcgcgg gaccctcgga agtccgcgct gggccgggcg ggcaccagcc tcggactcag	1200
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ggggagcggc gggcggaaga ggtctggggc tgggcaccgg ggacacgcgc ccagctcccc	1680
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<210> 25
 <211> 527
 <212> DNA
 <213> Homo sapiens

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acgagctgcg cgcggtgatc ccctacgcgc acagcccctc ggtgcgaaag ctctccaaga	180
tcgccacgct gctgctcgcc aagaactaca tcctcatgca ggcgcaggcc ctggaggaga	240
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gctcggcggc tgcagcggca gcagctgctg ccctgcaccc ggcgctcggc gcctacgagc	360
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gcgccctgtt taacagcgtc tcctccagcc tctgcaaaca gtgcacggag aagccttaaa	480
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<210> 26
 <211> 211
 <212> DNA

<213> Homo sapiens

<400> 26

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gtgggtgggg ttgggtctc cgcgggggtt tccggccccg cggcccgtc ccgggtgtgc	120
ctggaggagt tctccctctg tggcgcgcg gagccctgtg atgcgtcagc cggcgggacg	180
gatgagttgc ttctccggga aaccgtcctc g	211

<210> 27

<211> 315

<212> DNA

<213> Homo sapiens

<400> 27

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gtcgctgcaa tggacacagc gttgcgcggt ttccctgcgc gcctggggcg ctttttgtct	120
tcgccctccg tggatggagg ctgagcgcct cagccatttt gagagctctg gaaattttat	180
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tttaaagcac gcttaagaat tttaaagaat atgcgcaggt ggaaaaaagc gcgccagggt	300
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<210> 28

<211> 142

<212> DNA

<213> Homo sapiens

<400> 28

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agccgcgccc cggcccgggtg cagcaccacc agcgtgtcca ggaagccctc ccgggcagcg	120
tcgtgcacgg gtcgggtgag ag	142

<210> 29

<211> 217

<212> DNA

<213> Homo sapiens

<400> 29

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cgcgagcggg cggcctcctt cccgggggcg ccgcgctcag ccttctcttt gcgccacgtt	180
cggccgcagc tgaattcatt tctccttcca cgtcgcg	217

<210> 30
 <211> 62
 <212> DNA
 <213> Homo sapiens

<400> 30	
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tc	62

<210> 31
 <211> 306
 <212> DNA
 <213> Homo sapiens

<400> 31	
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ggagcagaat ttgctccagg cactgggcca gtccatgagg gctccaggat ccagggggccc	120
cactcccttc tcgccgggct ccgggccaaag gaagcgcggc cggagtcccg ggaagcccct	180
cggcagccag ccaagggccc tgcgaggatg tggatggcgc ggatggcgcg gcctccacct	240
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<210> 32
 <211> 718
 <212> DNA
 <213> Homo sapiens

<400> 32	
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gtgcctttcc taaatgtccg cggttggcag aacgtgggag gaagaggacc cgcctaactc	180

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cgcacctcc tttctacca gcccgccagt tgtggcaacc ctgtccttgt tcccctaatt	660
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<210> 33
 <211> 314
 <212> DNA
 <213> Homo sapiens

<400> 33	
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ggcgagatg tcagtcgct gccttcggg ttgaggagc gaggactcca gacgaccca	180
ggccgctgt ccaggcccag ccccgcttc tccacctgc cacctcgtc tgcggctcca	240
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agccccgagt cccg	314

<210> 34
 <211> 1352
 <212> DNA
 <213> Homo sapiens

<400> 34	
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<210> 35

<211> 668

<212> DNA

<213> Homo sapiens

<400> 35

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ccgccccaga agaataacgg ttgcaaaat ggggcaaaat gggcagaatc gcacggccgt	180
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aattgctggt tagttgcaaa gcctaccctc ggccgcgagc actgaaggat gggagggtcg	300
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<210> 36
 <211> 497
 <212> DNA
 <213> Homo sapiens

<400> 36	
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<210> 37
 <211> 998
 <212> DNA
 <213> Homo sapiens

<400> 37	
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ccgatacctgg tggaggggtg ggaggctgct gtcattttat gggtcggcag ccagagttag	180
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gggcttggtg gatcgtgctt tctcaggcaa aatgaggtca ctttcttttc tggtttcac	960
tgcaccccaa cgctgcttaa cttttccgcc ctccctcg	998

<210> 38

<211> 735

<212> DNA

<213> Homo sapiens

<400> 38

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acaagatctt tggccaactt ctttctactc ggaccttgct attatttcct actaggcacc	120
cacaaaccct tgcttgtaa actgatctcc ttcaagactc aagaaaagcg ccatgcggct	180
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<210> 39
 <211> 359
 <212> DNA
 <213> Homo sapiens

<400> 39	
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<210> 40
 <211> 2027
 <212> DNA
 <213> Homo sapiens

<400> 40	
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aacacagaat ttacaattgt gcatgcgaaa ctttacactt acgttagttg cctcaacctt	180
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<211> 144
<212> DNA
<213> Homo sapiens

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tttgcacgag aggtgcgttt cccc 144

<210> 42
<211> 604
<212> DNA
<213> Homo sapiens

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<212> DNA
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ctgcctccct cccctttgcc tgccactgcc ctccttctaa cgagggtca gctccgacta	180
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 <212> DNA
 <213> Homo sapiens

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cgagggaagg tggcggctcc gggcaggag cgagcgagt ctccacgccg cccgcaggat	180
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<210> 45
 <211> 47
 <212> DNA
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<400> 45	
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<210> 46
 <211> 335
 <212> DNA
 <213> Homo sapiens

<400> 46	
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gaggcaaggg ctggcagcgc tcggacgcct ccgtcttgcc cttcccatgc ctaagcgcgg	180
ggaattacac gttcccgggtg tagaacagac gatcggggct attagggtg ggcggtggga	240
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<210> 47

<211> 317
<212> DNA
<213> Homo sapiens

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gagttacagt tcaacagaac cagatgtgaa aacgtcagcc acccagttca ggcccagcag 300
ggtccctgct ccactcc 317

<210> 48
<211> 235
<212> DNA
<213> Homo sapiens

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tgtgccagcc gccgttggtta gttttacacg tgcgatctta ttttaatactt cctgggacct 180
aatgagtcag gtgccatcat gatccgttta caggtaagaa agccgccgct cagcg 235

<210> 49
<211> 81
<212> DNA
<213> Homo sapiens

<400> 49
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ctcaccgcgc tgcggtcacc g 81

<210> 50
<211> 24
<212> DNA
<213> Homo sapiens

<400> 50

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24

<210> 51

<211> 236

<212> DNA

<213> Homo sapiens

<400> 51

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gtcccttgcc caacatgtct tctccaggct gtctgctaga gcctcaggcg cctccgccct 180

ccctcccgcg gcaccgtcac cagtgggtag tcacagcctc ccggagccca tagccg 236

<210> 52

<211> 533

<212> DNA

<213> Homo sapiens

<400> 52

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tggtgaccc acccaggatt tttttttttt tcccgtgaaa gtcctcaagc ctgtcctctc 180

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<210> 53

<211> 280

<212> DNA

<213> Homo sapiens

<400> 53

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 <211> 535
 <212> DNA
 <213> Homo sapiens

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<210> 55
 <211> 69
 <212> DNA
 <213> Homo sapiens

<400> 55	
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ccctaccgc	69

<210> 56
 <211> 1211
 <212> DNA
 <213> Homo sapiens

<400> 56

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<210> 57

<211> 317

<212> DNA

<213> Homo sapiens

<400> 57

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 <211> 328
 <212> DNA
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<210> 59
 <211> 303
 <212> DNA
 <213> Homo sapiens

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<210> 60
 <211> 248
 <212> DNA
 <213> Homo sapiens

<400> 60
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<210> 61
<211> 221
<212> DNA
<213> Homo sapiens

<400> 61
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<210> 62
<211> 150
<212> DNA
<213> Homo sapiens

<400> 62
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agcagcccga ggacaatccc ctcaacta ggccacgcct tgtctccgcc cctctcgtcc 120
gaccctgga gagaggctgg cgcctgcgcg 150

<210> 63
<211> 237
<212> DNA
<213> Homo sapiens

<400> 63
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<210> 64
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 <212> DNA
 <213> Homo sapiens

<400> 64	
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<210> 65
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 <212> DNA
 <213> Homo sapiens

<400> 65	
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<211> 79
<212> DNA
<213> Homo sapiens

<400> 66
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<210> 67
<211> 2225
<212> DNA
<213> Homo sapiens

<400> 67
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<210> 68

<211> 997

<212> DNA

<213> Homo sapiens

<400> 68

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ttttctcact tgattcccaa gcctgtcatg gggttctttt tcaatggcac tgacctgcaa	180
ttacccaacg agcagcggga cagccccggg caggacgcat cctgggtggg tgacgtgatc	240
ccgcagtctc ctccccgacc ccatatccca tacaatgatc ctcgcttaca gaagtcaagg	300
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acccgacaca aagagattcg ccggtggaaa gaatcgattt caaaattcaa gctcaccgct	600
gctcaacaag gcgcgcacgt ttctccccgt ctggcttcac atgtcccaaa cttccagtaa	660
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gaagtttcgt gctatgatga atctggtcac ttgggtgtgt tggagagggt tggtcgctcc	780
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gggcaatgta tttcgaaaag gtcttaacca ttttacggat gaacctggtc accctgcaca	960
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caagctctcc aagatagcca cgctgctgct cgcccgaac tacatcctac tgctgggcag	180
ctcgctgcag gagctgcgcc gcgcgctggg cgaggcgcc gggcccgcg cgccgcgcct	240
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<220>

<223> Description of Artificial Sequence: Synthetic primer

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<210> 71

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

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<211> 20

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 73

<211> 24

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 74

<211> 24

<212> DNA

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<210> 75
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<400> 75
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<210> 76
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<210> 79

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<210> 80

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<210> 81

<211> 24

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ccagcagcca acccctacga cttc

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<210> 82

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<210> 83
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<400> 83
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<210> 84
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<210> 85
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<210> 86
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<210> 87
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<210> 88
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<210> 89
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<210> 90
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<400> 90
ctgcattgag gccgggctgt gt 22

<210> 91
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<400> 91
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<210> 92
<211> 25
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

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<210> 93
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<212> DNA
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<210> 94
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<210> 95
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<210> 96
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<210> 97
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 97
cccactccaa tccccaccct ctcc 24

<210> 98
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 98
aactccgagg agctagcgca gac 23

<210> 99
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<220>	
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<220>	
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<210> 105	
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<210> 108
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<220>
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<210> 109
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<210> 110
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<210> 111
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<210> 112
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<220>
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<400> 112
gggacgtaga caagggcagg cg 22

<210> 113
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 113
tcagcgccgc cacctacagc ac 22

<210> 114
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 114
gacccggagg aagcaaaacc ac 22

<210> 115
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 115
cgtggacctg gctgaggagc tg 22

<210> 116
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 116
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<210> 117
<211> 25
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<210> 118
<211> 20
<212> DNA
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<400> 118
gcagtcagcc cgaccctcct 20

<210> 119
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<220>
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<400> 119
acttagccgc ccatttcaga gcagc 25

<210> 120

<211> 23
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 120
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<210> 121
<211> 24
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 121
ttaggactgc tggacgaggc gccg 24

<210> 122
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 122
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<210> 123
<211> 24
<212> DNA
<213> Artificial Sequence

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

<400> 123
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<210> 124
<211> 26
<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

<400> 124

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26

<210> 125

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 125

atccctggac tggcgatatcc acag

24

<210> 126

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 126

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22

<210> 127

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

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<210> 128

<211> 25

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

<400> 132

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23

<210> 133

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

<400> 133

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<210> 134

<211> 24

<212> DNA

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<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 134

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24

<210> 135

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

<400> 135

tgcgcgacgt ggaaggagaa atga

24

<210> 136

<211> 23

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

<400> 136
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<210> 137
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<400> 137
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<210> 138
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<400> 138
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<210> 139
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 139
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<210> 140
<211> 28
<212> DNA
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<223> Description of Artificial Sequence: Synthetic primer

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<210> 141
<211> 21
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<220>
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<400> 141
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<210> 142
<211> 22
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<210> 143
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<400> 143
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<210> 144
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<400> 144
agtcagcgct acgggaaagg aaacc 25

<210> 145
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<400> 145
ctgcacggcc ggagaagcga at 22

<210> 146
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<210> 147
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<400> 147
ctgaggctgc ttggttctcc tgtc 24

<210> 148
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<212> DNA
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<210> 149
<211> 24

<212> DNA
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<223> Description of Artificial Sequence: Synthetic primer

<400> 149
aacacacgaa cagcactcct ccgc 24

<210> 150
<211> 158
<212> DNA
<213> Homo sapiens

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gcagcagcag cgtgggtact ggcccaaagc tccgagac 158

<210> 151
<211> 137
<212> DNA
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<400> 151
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ccctcaacgc ttgcctggag catccctggc cccttttgcc caggtcgcgc ccctgagtct 120
tggagtcgcg ctgcctc 137

<210> 152
<211> 133
<212> DNA
<213> Homo sapiens

<400> 152
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ggccagcggg accacagcgc ggctacgcgg ccggccgcag tcttcaccgc gcgcctgccc 120
ttgtctacgt ccc 133

<210> 153

<211> 174
<212> DNA
<213> Homo sapiens

<400> 153
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ttccgaggtt ggtgaccacg tcgtcgaact tgagcacctc gtagccttca tgctgccgct 120
tgaggccggc gtagaaggcg atcttgggca ccgtgctgta ggtggcggcg ctga 174

<210> 154
<211> 140
<212> DNA
<213> Homo sapiens

<400> 154
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ggttttgctt cctccgggtc 140

<210> 155
<211> 145
<212> DNA
<213> Homo sapiens

<400> 155
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gcccagctcc tcagccaggt ccacg 145

<210> 156
<211> 153
<212> DNA
<213> Homo sapiens

<400> 156
cctctgcccc ctgtccaggt aacagcctcg gtcaccgcat cacctctgcc ccctgtccag 60
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cggggccctg atggatgcgg tgaccgaggc tgt 153

<210> 157
<211> 164
<212> DNA
<213> Homo sapiens

<400> 157
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cttttccatc tcctcctcta cctccggctc ccgggcgagg gaggccccgc gccgcccctt 120
agactggctg cggccggaag attgcagccg ctttgagctt actc 164

<210> 158
<211> 156
<212> DNA
<213> Homo sapiens

<400> 158
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tgggcgaccc gcgcggagga gggtcgggct gactgc 156

<210> 159
<211> 133
<212> DNA
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tgggcggcta agt 133

<210> 160
<211> 155
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gcgacttcgg cgcatgatgtc agtccgctgc cttcc 155

<210> 161
<211> 126
<212> DNA
<213> Homo sapiens

<400> 161
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ccctacgact tcaggaggct cctgcgcaaa acctcccagc gccggcgcct cgtccagcag 120
tcctaa 126

<210> 162
<211> 150
<212> DNA
<213> Homo sapiens

<400> 162
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cctgatctcc gcagaggctg cctgctgcgc tcggccctca agtgcccggg ccggccttcg 120
tgctccgaaa caagagacct gggagccctc 150

<210> 163
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<400> 163
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agtgagtcac gcggccgcca gacgaggccg gtggcgcacg caccgagat ccgatgtagt 120
gcaccgcct 129

<210> 164
<211> 156
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<210> 165
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 <213> Homo sapiens

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cctgcgcctg tggatacgcc agtccaggga t	151

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<400> 166	
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ctgcggtcac cggccacac tcccagga	148

<210> 167
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 <212> DNA
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<400> 167	
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ctgaaacaga	130

<210> 168
 <211> 145
 <212> DNA
 <213> Homo sapiens

<400> 168

ctcagttacg ctgactcggc tgtgccaac cacgcagtca taaataaccc tcagttacgc	60
tgactcggct gtgcccgcag tgtcgcgctg tcgcgtagcc aggtgtcgcc gggctggcgc	120
ggttatattat gactgcgtgg ttggg	145

<210> 169
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 169	
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<210> 170
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 <212> DNA
 <213> Homo sapiens

<400> 170	
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<210> 171
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 <212> DNA
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<400> 171	
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ttacctgcgg ggccgcgtcc cggaggagcc tgagggcaa gagggccggc gcgcggtggg	120
cgcggcctgc ggggatgccg ggctctacgg agcagcgcg ggt	163

<210> 172
 <211> 149
 <212> DNA
 <213> Homo sapiens

<400> 172

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tcagctccga ctaccccagg cctccgggga ccctctccgg atgcgctccc cgctttgcgc	120
tttgcgcttt ttgcctgttc cctgggggtc	149

<210> 173
 <211> 164
 <212> DNA
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<400> 173	
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gagggagggg gccctgttgc ctacgcgcc cgaggtcgtg gagcggcagc agctgcagcc	120
ggagcagcac cagcaacagc aacagcgagc gggacggagt tagg	164

<210> 174
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<400> 174	
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tgccctactc agcggcgcac tgccagggcg cgcccggccg caagctctcc aagatagcca	120
cgctgctg	128

<210> 175
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 <212> DNA
 <213> Homo sapiens

<400> 175	
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gccacgttcg gccgcagctg aattcatttc tccttcacg tcgcgca	107

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 <211> 130
 <212> DNA
 <213> Homo sapiens

<400> 176

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cagacccccgc	130

<210> 177
 <211> 119
 <212> DNA
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<400> 177	
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<210> 178
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 <213> Homo sapiens

<400> 178	
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cctccgtctt gcccttccca tgcctaagc	149

<210> 179
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 <212> DNA
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<400> 179	
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gtg	123

<210> 180
 <211> 147
 <212> DNA
 <213> Homo sapiens

<400> 180

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gccaatctcc aagcctccaa acggaacgtc accctatcag ctgggagaca gcgccgact	120
gactgacaag ccgcgcatat ttatcct	147

<210> 181
 <211> 113
 <212> DNA
 <213> Homo sapiens

<400> 181	
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<210> 182
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<400> 182	
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ccgccccgc ggaaaccgct gctcgtggg caggggcttt ctgttttgca gccggaacag	120
gaacacagat agcccgccaa gccgc	145

<210> 183
 <211> 156
 <212> DNA
 <213> Homo sapiens

<400> 183	
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gagggaaact gaagcccaa ggggtgccccg tcctgggagc ctggctgtct gcggggtccc	120
ccgcattccg cagtagtaat acaggagggc cggggg	156

<210> 184
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 184

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caaaatcgaa aggccgggag ttgttctgca ggctttgcaa acaggttgac tgagggtttc 120
ctttcccgta gcgctgact 139

<210> 185
<211> 114
<212> DNA
<213> Homo sapiens

<400> 185
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gggccgtacc cctgcggctc aagctgcccc ggattcgctt ctccggccgt gcag 114

<210> 186
<211> 166
<212> DNA
<213> Homo sapiens

<400> 186
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gacttcgggt tccgctgagg acggatttcg gaataggcac agtggctgcc ccgaaccctt 120
caaggcggcc tccgcgggct gtggctgaag ataattttcg gcgggc 166

<210> 187
<211> 133
<212> DNA
<213> Homo sapiens

<400> 187
ggtaggtacc gcctgcctgt gtgtactgag gctgcttggt tctcctgtcg gtaggtaccg 60
cctgcctgtg tgtaccgggg ctgctgtctc cggggagggg cttctggcgg acaggagaac 120
caagcagcct cag 133

<210> 188
<211> 118
<212> DNA
<213> Homo sapiens

<400> 188

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gtgtgaggct	ggcgctggag	cggctctggga	atgttaggag	gtctagggtg	tcgcggcc	118

<210> 189
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 189						
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agggtgagcc	ggacgcaggc	gtgcctgcgc	agtgcgcgga	ggagtgctgt	tcgtgtgtt	119

<210> 190
 <211> 111
 <212> DNA
 <213> Homo sapiens

<400> 190						
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agcgccgcgg	cgagcagcag	cagcgtgggt	actggcccaa	agctccgaga	c	111

<210> 191
 <211> 91
 <212> DNA
 <213> Homo sapiens

<400> 191						
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gcgccccctga	gtcttggagt	cgcgctgcct	c			91

<210> 192
 <211> 92
 <212> DNA
 <213> Homo sapiens

<400> 192						
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cttcaccgcg	cgcttgcctt	tgtctacgtc	cc			92

<210> 193

<211> 130
<212> DNA
<213> Homo sapiens

<400> 193
gtggggtcgt agtggtttcc gaggttggtg accacgtcgt cgaacttgag cacctcgtag 60
ccttcatgct gccgcttgag gccggcgtag aaggcgatct tgggcaccgt gctgtaggtg 120
gcggcgctga 130

<210> 194
<211> 95
<212> DNA
<213> Homo sapiens

<400> 194
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aggtttcggg ctcttggttt tgcttcctcc gggtc 95

<210> 195
<211> 100
<212> DNA
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<400> 195
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tgcgacatcg cgatggccca gctcctcagc caggtccacg 100

<210> 196
<211> 113
<212> DNA
<213> Homo sapiens

<400> 196
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tcagacaccc gggcgcgggc cggggccctg atggatgcgg tgaccgaggc tgt 113

<210> 197
<211> 115
<212> DNA
<213> Homo sapiens

<400> 197
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cgccgcccct tagactggct gcggccggaa gattgcagcc gctttgagct tactc 115

<210> 198
<211> 113
<212> DNA
<213> Homo sapiens

<400> 198
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gctctgctgg tcaagtttgg gcgacccgcg cggaggaggg tcgggctgac tgc 113

<210> 199
<211> 84
<212> DNA
<213> Homo sapiens

<400> 199
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ctgctctgaa atgggcggct aagt 84

<210> 200
<211> 108
<212> DNA
<213> Homo sapiens

<400> 200
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ccgtggggta cgcgcgactt cggcgcagat gtcagtccgc tgccttcc 108

<210> 201
<211> 79
<212> DNA
<213> Homo sapiens

<400> 201
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cctcgtccag cagtcctaa 79

<210> 202
<211> 105
<212> DNA
<213> Homo sapiens

<400> 202
cactgaagct gcggccctga tctccgcaga ggctgcctgc tgcgctcggc cctcaagtgc 60
ccgggccggc cttcgtgctc cgaaacaaga gacctgggag ccctc 105

<210> 203
<211> 84
<212> DNA
<213> Homo sapiens

<400> 203
ccgcccgcag gatcgagtga gtcacgcggc cgccagacga ggccggtggc gcacgcaccc 60
gagatccgat gtagtgcacc gcct 84

<210> 204
<211> 107
<212> DNA
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<400> 204
ctgagaagtc agacgggccg cgtaaggggc agagcgaggg gtccggcatc actcgcgcg 60
tccggaaacc cgcgtgagcc gctgttcctg ccgcgtccc atctgag 107

<210> 205
<211> 105
<212> DNA
<213> Homo sapiens

<400> 205
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agagcagcat ctcccctgcg cctgtggata cgccagtcca gggat 105

<210> 206
<211> 103
<212> DNA
<213> Homo sapiens

<400> 206
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ttctggctca ccgcgctgcg gtcaccggcc cacactccca gga 103

<210> 207
<211> 83
<212> DNA
<213> Homo sapiens

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cttcacagtt gcgctgaaac aga 83

<210> 208
<211> 97
<212> DNA
<213> Homo sapiens

<400> 208
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ccgggctggc gcggttattt atgactgcgt ggttggg 97

<210> 209
<211> 68
<212> DNA
<213> Homo sapiens

<400> 209
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gagaggaa 68

<210> 210
<211> 78
<212> DNA
<213> Homo sapiens

<400> 210
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actggcggcg ggtcaact 78

<210> 211
<211> 121
<212> DNA
<213> Homo sapiens

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t 121

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<211> 102
<212> DNA
<213> Homo sapiens

<400> 212
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<210> 213
<211> 118
<212> DNA
<213> Homo sapiens

<400> 213
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cagcagctgc agccggagca gcaccagcaa cagcaacagc gagcgggacg gagttagg 118

<210> 214
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<212> DNA
<213> Homo sapiens

<400> 214
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tccaagatag ccacgtgct g 81

<210> 215
<211> 61
<212> DNA

<213> Homo sapiens

<400> 215

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a 61

<210> 216

<211> 84

<212> DNA

<213> Homo sapiens

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tctcgctcac cacacagacc ccgc 84

<210> 217

<211> 73

<212> DNA

<213> Homo sapiens

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gccactcca atccccaccc tctccatcct tagtcattaa agaacagcag cgcctggcac 60

gttcttggag gac 73

<210> 218

<211> 103

<212> DNA

<213> Homo sapiens

<400> 218

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gcagcgctcg gacgcctccg tcttgccctt cccatgccta agc 103

<210> 219

<211> 76

<212> DNA

<213> Homo sapiens

<400> 219

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ctgggcggtg ggagtg 76

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<211> 92
<212> DNA
<213> Homo sapiens

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gcactgactg acaagccgcg catatttatc ct 92

<210> 221
<211> 70
<212> DNA
<213> Homo sapiens

<400> 221
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caaaacggcg 70

<210> 222
<211> 102
<212> DNA
<213> Homo sapiens

<400> 222
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ttttgcagcc ggaacaggaa cacagatagc ccgccaagcc gc 102

<210> 223
<211> 111
<212> DNA
<213> Homo sapiens

<400> 223
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tgtctgcggg gtcccccgca ttccgcagta gtaatacagg agggccgggg g 111

<210> 224
<211> 91
<212> DNA

<213> Homo sapiens

<400> 224

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actgagggtt tcctttcccg tagcgctgac t 91

<210> 225

<211> 71

<212> DNA

<213> Homo sapiens

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cggccgtgca g 71

<210> 226

<211> 118

<212> DNA

<213> Homo sapiens

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ccccgaacct ctcaaggcgg cctccgcggg ctgtggctga agataatttt cggcgggc 118

<210> 227

<211> 85

<212> DNA

<213> Homo sapiens

<400> 227

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ggacaggaga accaagcagc ctgag 85

<210> 228

<211> 71

<212> DNA

<213> Homo sapiens

<400> 228

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gtatcgcggc c 71

<210> 229
<211> 73
<212> DNA
<213> Homo sapiens

<400> 229
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ctgttcgtgt gtt 73

<210> 230
<211> 120
<212> DNA
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ccctgggctg cgaggcccca gcccgggttt tcccacgctc cgggtgtgcgg gccagtggtt 120

<210> 231
<211> 118
<212> DNA
<213> Homo sapiens

<400> 231
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cagcagctgc agccggagca gcaccagcaa cagcaacagc gagcgggacg gagttagg 118

<210> 232
<211> 69
<212> DNA
<213> Homo sapiens

<400> 232
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cgaggtagt 69

<210> 233
<211> 111
<212> DNA

<213> Homo sapiens

<400> 233

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tgtctgcggg gtccccgca ttccgcagta gtaatacagg agggccgggg g 111

<210> 234

<211> 83

<212> DNA

<213> Homo sapiens

<400> 234

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cttcacagtt gcgctgaaac aga 83

<210> 235

<211> 81

<212> DNA

<213> Homo sapiens

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gagtcggagc ccgagctgat c 81

<210> 236

<211> 94

<212> DNA

<213> Homo sapiens

<400> 236

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cgccgcatgg tcccctttgc cgcttcctct ccgc 94

<210> 237

<211> 98

<212> DNA

<213> Homo sapiens

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ataattaacg cgaggaaggc tcttcccgct actcccgc 98

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<211> 91
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tcaggattgc gagacgtctt taacccttgc t 91

<210> 239
<211> 97
<212> DNA
<213> Homo sapiens

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cctcatgcaa cgggaccgaa ccttgggacc cgggcag 97

<210> 240
<211> 91
<212> DNA
<213> Homo sapiens

<400> 240
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actgagggtt tcctttcccg tagcgctgac t 91

<210> 241
<211> 77
<212> DNA
<213> Homo sapiens

<400> 241
atcgaaaggc cgggagttgt tctgcaggct ttgcaaacag gttgactgag ggtttccttt 60
cccgtagcgc tgactgc 77

<210> 242
<211> 87
<212> DNA

<213> Homo sapiens

<400> 242

gcccacatctgc accgtgtcccc ttgtgtgtct tacatgtccc atagtattaa agttatttga 60

ataagcaaata gaaccccgct ctttggt 87

<210> 243

<211> 71

<212> DNA

<213> Homo sapiens

<400> 243

cggagcgtgg acttcttggg ccgtaccct gcggtcaag ctgccccgga ttgcttctc 60

cggccgtgca g 71

<210> 244

<211> 113

<212> DNA

<213> Homo sapiens

<400> 244

ccggcgcttt gcttttctac aactggaagc cgcgaaggcg gctactgcgc tgagccgctc 60

gctctgctgg tcaagtttgg gcgacccgcg cggaggaggg tcgggctgac tgc 113

<210> 245

<211> 84

<212> DNA

<213> Homo sapiens

<400> 245

gtggagaagt aagtgggagg cgggtgtcggg aactgactcc tcttaaaacg gtcggcgccg 60

ctgctctgaa atgggcggct aagt 84

<210> 246

<211> 85

<212> DNA

<213> Homo sapiens

<400> 246

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aggaccccaa gcagaaggag gtaag 85

<210> 247
<211> 91
<212> DNA
<213> Homo sapiens

<400> 247
cccggcgcga ttctccctca acgcttgcct ggagcatccc tggccccttt tgcccaggtc 60
gcgcccctga gtcttggagt cgcgctgcct c 91

<210> 248
<211> 115
<212> DNA
<213> Homo sapiens

<400> 248
gcccggcttc gccttctctc ataagggtgg ccggggggccc acgaacttgc aggggtggcgg 60
ccctgcgccc tccagccccg gcggggacgg gcacgattgc tcgtagtctg ggggtg 115

<210> 249
<211> 110
<212> DNA
<213> Homo sapiens

<400> 249
gggcactcac acacacgcag acccagagga ggagaggtgg gtataaggaa gcaagcccca 60
gccgcagcag cccgagcggg cacaaaaccg cttcctggca catcaccttg 110

<210> 250
<211> 98
<212> DNA
<213> Homo sapiens

<400> 250
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ccgcagcagc ccgagcgggc acaaaaccgc ttcctggc 98

<210> 251
<211> 105
<212> DNA

<213> Homo sapiens

<400> 251

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agagcagcat ctcccctgcg cctgtggata cgccagtcca gggat 105

<210> 252

<211> 107

<212> DNA

<213> Homo sapiens

<400> 252

cgcatcctcg ctttcttgca gtccaaggcc cgcctgggcg cggagcccgc ctttccgccg 60

ctgggttcgc tcccggagcc ggatttctcc tatcagctgc accctgc 107

<210> 253

<211> 107

<212> DNA

<213> Homo sapiens

<400> 253

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tccggaaacc cgcgtgagcc gctgttcctg ccgcgctccc atctgag 107

<210> 254

<211> 88

<212> DNA

<213> Homo sapiens

<400> 254

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cgctgttcct gccgcgctcc catctgag 88

<210> 255

<211> 86

<212> DNA

<213> Homo sapiens

<400> 255

caatctcaga gcggagccga cagagagcag ggaaccggca tggccaaagc cgcggcgatc 60

ggcatcgacc tgggcaccac ctactc 86

<210> 256
<211> 111
<212> DNA
<213> Homo sapiens

<400> 256
gtgtgcaccg agcgagtga ggtatgtgtg gcgggcgcgg ctggagctgc cgccgccgcc 60
gccgccgcgc cagcaggtcc taatgcctgt cacttcccag gacgctggca g 111

<210> 257
<211> 85
<212> DNA
<213> Homo sapiens

<400> 257
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ggtttttagcc aaggctgcag ctacc 85

<210> 258
<211> 73
<212> DNA
<213> Homo sapiens

<400> 258
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cgaagaaaat ggt 73

<210> 259
<211> 97
<212> DNA
<213> Homo sapiens

<400> 259
gcagaagacg gcgctgggaa gagctgcgtg acgctcgggg gctggcggct gggccggcag 60
cgcgccgtgg cggcgtgacc tgtccatggt gttgaag 97

<210> 260
<211> 113
<212> DNA

<213> Homo sapiens

<400> 260

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tcagacaccc gggcgcggcg cggggccctg atggatgcgg tgaccgaggc tgt 113

<210> 261

<211> 97

<212> DNA

<213> Homo sapiens

<400> 261

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ccgggctggc gcggttattt atgactgcgt ggttggg 97

<210> 262

<211> 92

<212> DNA

<213> Homo sapiens

<400> 262

ggtgcgcggc ccaagagaag gccagcggga ccacagcgcg gctacgcggc cggccgcagt 60

cttcaccgcg cgcctgccct tgtctacgtc cc 92

<210> 263

<211> 98

<212> DNA

<213> Homo sapiens

<400> 263

gcggatgcac gacctgaacg acgcgctgga cgagctgcgc gcggtgatcc cctacgcgca 60

cagccccctg gtgcgaaagc tctccaagat cgccacgc 98

<210> 264

<211> 95

<212> DNA

<213> Homo sapiens

<400> 264

ggcagccggc taccggttca gcgccggact gccccggct gcctcctgcc cggagaagtg 60

cgccctgttt aacagcgtct cctccagcct ctgca 95

<210> 265
<211> 115
<212> DNA
<213> Homo sapiens

<400> 265
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tccgccgcta gccccgtca tatcttctcc gctttcgctt ctccactcta gccgg 115

<210> 266
<211> 91
<212> DNA
<213> Homo sapiens

<400> 266
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ggggcgcttt ttgtcttcgc cctccgtgga t 91

<210> 267
<211> 100
<212> DNA
<213> Homo sapiens

<400> 267
ggcatctatg cgggcatggt tactgcctct ggtgcccccc gcagccgcgc gcaggtaccg 60
tgcgacatcg cgatggccca gctcctcagc caggtccacg 100

<210> 268
<211> 61
<212> DNA
<213> Homo sapiens

<400> 268
agccttctct ttgcgccacg ttcggccgca gctgaattca tttctccttc cacgtcgcgc 60
a 61

<210> 269
<211> 130
<212> DNA

<213> Homo sapiens

<400> 269

gtggggtcgt agtgggtttcc gaggttggtg accacgtcgt cgaacttgag cacctcgtag 60

ccttcattgct gccgcttgag gccggcgtag aaggcgatct tgggcaccgt gctgtaggtg 120

gcggcgctga 130

<210> 270

<211> 68

<212> DNA

<213> Homo sapiens

<400> 270

gcgaggatgt ggatggcgcg gatggcgcg cctccacctg cgggcagtgg agagagcggc 60

gagaggaa 68

<210> 271

<211> 79

<212> DNA

<213> Homo sapiens

<400> 271

gccagcagcc aaccctacg acttcaggag gtcctgcgc aaaacctccc agcgccggcg 60

cctcgtccag cagtcctaa 79

<210> 272

<211> 105

<212> DNA

<213> Homo sapiens

<400> 272

cactgaagct gcggccctga tctccgcaga ggctgcctgc tgcgctcggc cctcaagtgc 60

ccgggccggc cttcgtgctc cgaaacaaga gacctgggag ccctc 105

<210> 273

<211> 108

<212> DNA

<213> Homo sapiens

<400> 273

ggaaaagcga tgactgccct gaactgctgg ggcgttcgaa atttccaggg tcccgaccct	60
ccgtgggggta cgcgcgactt cggcgcagat gtcagtccgc tgccttcc	108

<210> 274
 <211> 108
 <212> DNA
 <213> Homo sapiens

<400> 274	
cagcggcgac tggttctgac ttgccaagta cctggcacga gaaggacgtc gtgtgggtcg	60
tccttaccct gaatttaatg aagtcagggg ctgaaaacgg cggtgtaa	108

<210> 275
 <211> 140
 <212> DNA
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<400> 275	
ggtgtgaccg ttgttgcacc ccagtcgaca tgacgttagt ttttcatttg ccaaattgct	60
ggttagttgc aaagcctacc ctcggccgcg agcactgaag gatgggaggg tcgagcgccg	120
cgttttgaca ggaggaagtg	140

<210> 276
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 276	
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atggcaggta gccgcccga acacctcgcc ctgtctcctt tctttgggcg aggt	114

<210> 277
 <211> 114
 <212> DNA
 <213> Homo sapiens

<400> 277	
agctgggagg aagacagtag tgatgctgcc gcgggtggcg ggggttgccg cgccgccag	60
agaacctcgg cagtgtgcag ggaggtgcat ttcattttgg ctatttccat cccg	114

<210> 278
<211> 116
<212> DNA
<213> Homo sapiens

<400> 278
ctcatcgtct tggggttaag agttgccgcc cggccagggc aacagccagg gcaaagggag 60
agagaagccg ccccggggcg agaaggagaa aagttagagg gctgaacagg tgacgc 116

<210> 279
<211> 84
<212> DNA
<213> Homo sapiens

<400> 279
cagagtgaga gtgtccctgc tgccagagga ctacggcggg ctgggcgcgg ggtccccgcc 60
tctcgctcac cacacagacc ccgc 84

<210> 280
<211> 73
<212> DNA
<213> Homo sapiens

<400> 280
gccactcca atccccaccc tctccatcct tagtcattaa agaacagcag cgcctggcac 60
gttcttggag gac 73

<210> 281
<211> 115
<212> DNA
<213> Homo sapiens

<400> 281
cctagggccg acttttccat ctctcctct acctccggct cccgggcgag ggaggccccg 60
cgccgcccct tagactggct gcggccggaa gattgcagcc gctttgagct tactc 115

<210> 282
<211> 71
<212> DNA
<213> Homo sapiens

<400> 282
cctcggatcc caagcatatc tggcgatgga gcggcggcag cccgaggcac gtgttgtgtg 60
tgctccgatt g 71

<210> 283
<211> 98
<212> DNA
<213> Homo sapiens

<400> 283
cgcgtgcgaa gtctcctcta gcggagcggg accggccgcg gcggtggatc gtggcggtcc 60
ctgcacttct gctccagccg cgcctggaaa cctgagcc 98

<210> 284
<211> 96
<212> DNA
<213> Homo sapiens

<400> 284
cgcgtgcgaa gtctcctcta gcggagcggg accggccgcg gcggtggatc gtggcggtcc 60
ctgcacttct gctccagccg cgcctggaaa cctgag 96

<210> 285
<211> 88
<212> DNA
<213> Homo sapiens

<400> 285
ggctctgatt ggcctgcatc ttgcggcgcg ggcggccgca gcccggcgcg agggagggag 60
cgcggaacaa ggcgctgact gtctccca 88

<210> 286
<211> 124
<212> DNA
<213> Homo sapiens

<400> 286
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ccccgccccc cgccctccag gaaaaaaaaa aatctgagaa tctgagaatg ttcagcgcac 120

ccgc 124

<210> 287
<211> 92
<212> DNA
<213> Homo sapiens

<400> 287
aaaaagccaa tctccaagcc tccaaacgga acgtcacct atcagctggg agacagcgcc 60
gcactgactg acaagccgcg catatttatc ct 92

<210> 288
<211> 70
<212> DNA
<213> Homo sapiens

<400> 288
cgcgccacc caccctagtc gttggagcct ggcgcccgcg cctcccggcc ggcagcacgt 60
caaaacggcg 70

<210> 289
<211> 102
<212> DNA
<213> Homo sapiens

<400> 289
ttctaacgag ggctcagctc cgactacccc aggctccgg ggaccctctc cggatgcgct 60
ccccgctttg cgctttgcgc tttttgcctg ttccctgggg tc 102

<210> 290
<211> 84
<212> DNA
<213> Homo sapiens

<400> 290
ccgcccgcag gatcgagtga gtcacgcggc cgccagacga ggccggtggc gcacgcaccc 60
gagatccgat gtagtgcacc gcct 84

<210> 291
<211> 129
<212> DNA

<213> Homo sapiens

<400> 291

cgctcgttgc gaccaggct cagctccgcg gtgcgcaggg cctggcgcct tcgcggctgc 60

ccgcccgggc tcagctcctc cacagccacg cggcaccgca gctccgagtc ctcattattcc 120

cctgccgcc 129

<210> 292

<211> 103

<212> DNA

<213> Homo sapiens

<400> 292

caactccgag gagctagcgc agaccgctct ccgccctcag ctgcggcgag gcaagggctg 60

gcagcgtctg gacgcctccg tcttgccctt cccatgccta agc 103

<210> 293

<211> 76

<212> DNA

<213> Homo sapiens

<400> 293

tgccctaagcg cggggaatta cacgttcccg gtgtagaaca gacgatcggg gctattaggg 60

ctgggcgggtg ggagtg 76

<210> 294

<211> 72

<212> DNA

<213> Homo sapiens

<400> 294

ctggcttcag tacataacgc gagttacagt tcaacagaac cagatgtgaa aacgtcagcc 60

accagttca gg 72

<210> 295

<211> 113

<212> DNA

<213> Homo sapiens

<400> 295

tattaagaac cgcaagccca ctgtgtgcca gccgccgttg gtagttttac acgtgcatc 60
ttatttaata cttcctggga cctaagtgt caggtgccat catgatccgt tta 113

<210> 296
<211> 103
<212> DNA
<213> Homo sapiens

<400> 296
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ttctggctca ccgcgctgcg gtcaccggcc cacactccca gga 103

<210> 297
<211> 102
<212> DNA
<213> Homo sapiens

<400> 297
ggctctgcct gtttgttccg cccccgcgga aaccgctgct cgctgggcag gggctttctg 60
ttttgcagcc ggaacaggaa cacagatagc ccgccaagcc gc 102

<210> 298
<211> 113
<212> DNA
<213> Homo sapiens

<400> 298
gaaaaacaga gaggcgaggc cagactgccc ccacacctcc ttagaccact gagcgcaag 60
tgcgttggtt ccgagcgcgc tgggtgggatc caaaagctc gcattctctc agg 113

<210> 299
<211> 110
<212> DNA
<213> Homo sapiens

<400> 299
cgagttctgg gcctctggag gtttccctgt cagcctcccc ggccgccgag ggggcgcgcg 60
ccaacaagg ggttctctag cggccacctg gggacagaaa cagtgaccct 110

<210> 300

<211> 95
<212> DNA
<213> Homo sapiens

<400> 300
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aggtttcggg ctctgtggtt tgcttcctcc gggtc 95

<210> 301
<211> 76
<212> DNA
<213> Homo sapiens

<400> 301
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ttggggtgag tggctc 76

<210> 302
<211> 121
<212> DNA
<213> Homo sapiens

<400> 302
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gggccggcgc gcggtgggcg cggcctgcgg ggatgccggg ctctacggag cagcgcgggg 120
t 121

<210> 303
<211> 118
<212> DNA
<213> Homo sapiens

<400> 303
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ccccgaacct ctcaaggcgg cctccgcggg ctgtggctga agataatttt cggcgggc 118

<210> 304
<211> 96
<212> DNA
<213> Homo sapiens

<400> 304
ttgtgatatt tggttgcgcg ggattatgat gaaatgtgtg atatgtgtgt gattatgatt 60
aaggctgtag cgagtgtgaa cgtggcgaag tgtgcg 96

<210> 305
<211> 71
<212> DNA
<213> Homo sapiens

<400> 305
gggagtgggt gtggtgtgag gctggcgctg gagcggctctg ggaatgttag gaggtctagg 60
gtatcgcggc c 71

<210> 306
<211> 85
<212> DNA
<213> Homo sapiens

<400> 306
aggtaggtac cgcctgcctg tgtgtaccgg ggctgctgtc tccggggagg ggcttctggc 60
ggacaggaga accaagcagc ctcag 85

<210> 307
<211> 79
<212> DNA
<213> Homo sapiens

<400> 307
accctgggggt gtagctctgt gtcccactgt gtgatgacgt gtgcgtgctt ctgtgcgtgt 60
gtgtgtgttt gtgcgctg 79

<210> 308
<211> 73
<212> DNA
<213> Homo sapiens

<400> 308
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ctgttcgtgt gtt 73

<210> 309
<211> 86
<212> DNA
<213> Homo sapiens

<400> 309
gggcacaggt ggggtccgtc aggccgcccg gggctcctct gtcccagctc tgcggcccag 60
ggggtgacgt gatggcggca gcggtg 86

<210> 310
<211> 104
<212> DNA
<213> Homo sapiens

<400> 310
accggtctcc tcgtatccat cctcgcagtc cccaccccaa actaatgttc tcccctgagc 60
aaatttcgag acacttaaaa tcccagctaa gatcacgtcc ttct 104

<210> 311
<211> 109
<212> DNA
<213> Homo sapiens

<400> 311
aggcaggaga ggggaggaag agaacctgtg cccctggaag ctagaggaga gcctcgctct 60
ctctgctgct ctgggttccg caacgaattg agttcgggtt caggcggct 109

<210> 312
<211> 65
<212> DNA
<213> Homo sapiens

<400> 312
ggctcttttg catgcaggcc cgcctgaatg gggcgcctgg aggctgcatt gaggccgggc 60
tgtgt 65

<210> 313
<211> 78
<212> DNA
<213> Homo sapiens

<400> 313
gctgcattga ggccgggctg tgtaaactgt aggggtgcctc gccgactcgg agccgcagag 60
actggcggcg ggtcaact 78

<210> 314
<211> 101
<212> DNA
<213> Homo sapiens

<400> 314
cttcccaggt caccattgct cctctgccct ctccacatcc gccctcccgt gagcgcagga 60
tgcacgcaca ggcagcgggtt acaaaactca gcgcaacgtt g 101

<210> 315
<211> 111
<212> DNA
<213> Homo sapiens

<400> 315
ggcaccacta gtcctcgtc ctcctcggag gggcgcccga gtgcgtccga cacggccagt 60
agcgccgcgg cgagcagcag cagcgtgggt actggcccaa agctccgaga c 111

<210> 316
<211> 108
<212> DNA
<213> Homo sapiens

<400> 316
atctctttac cctggagcca gaaccagcgt cgccgccgtc ccctgcagct cagccggcaa 60
cgcgcgccga gcctcggggc gcagcttgga gacgcgcttg ctcgttct 108

<210> 317
<211> 81
<212> DNA
<213> Homo sapiens

<400> 317
cgcgaggtca tcctgcccta ctcagcggcg cactgccagg gcgcgcccgg ccgcaagctc 60
tccaagatag ccacgtgct g 81

