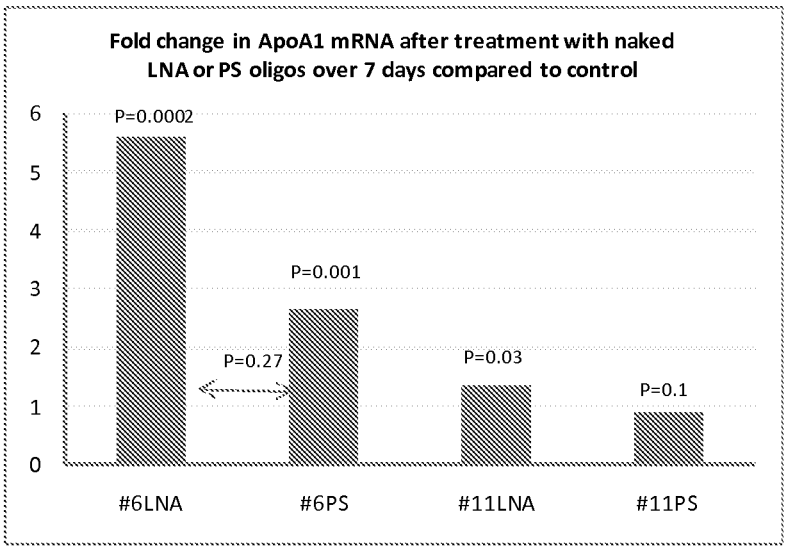


FIGURE 1



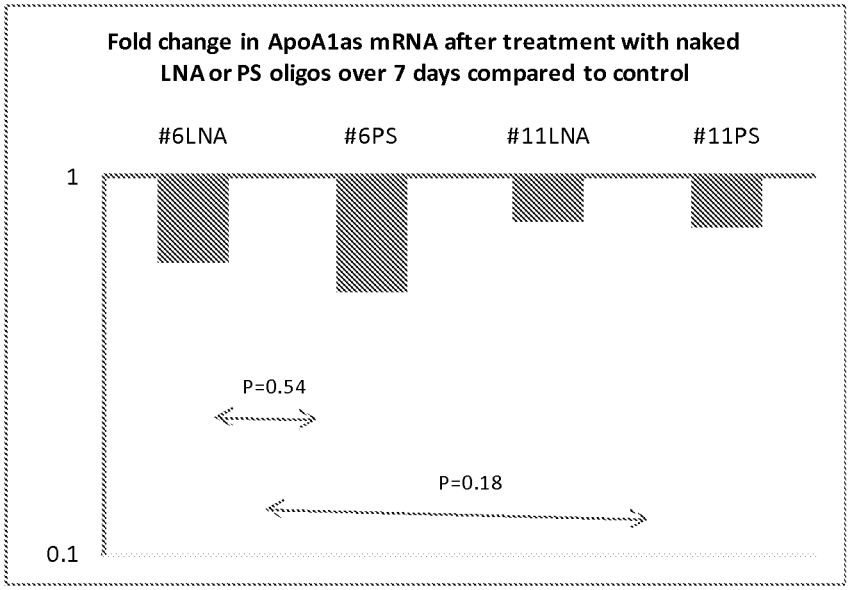


FIGURE 2

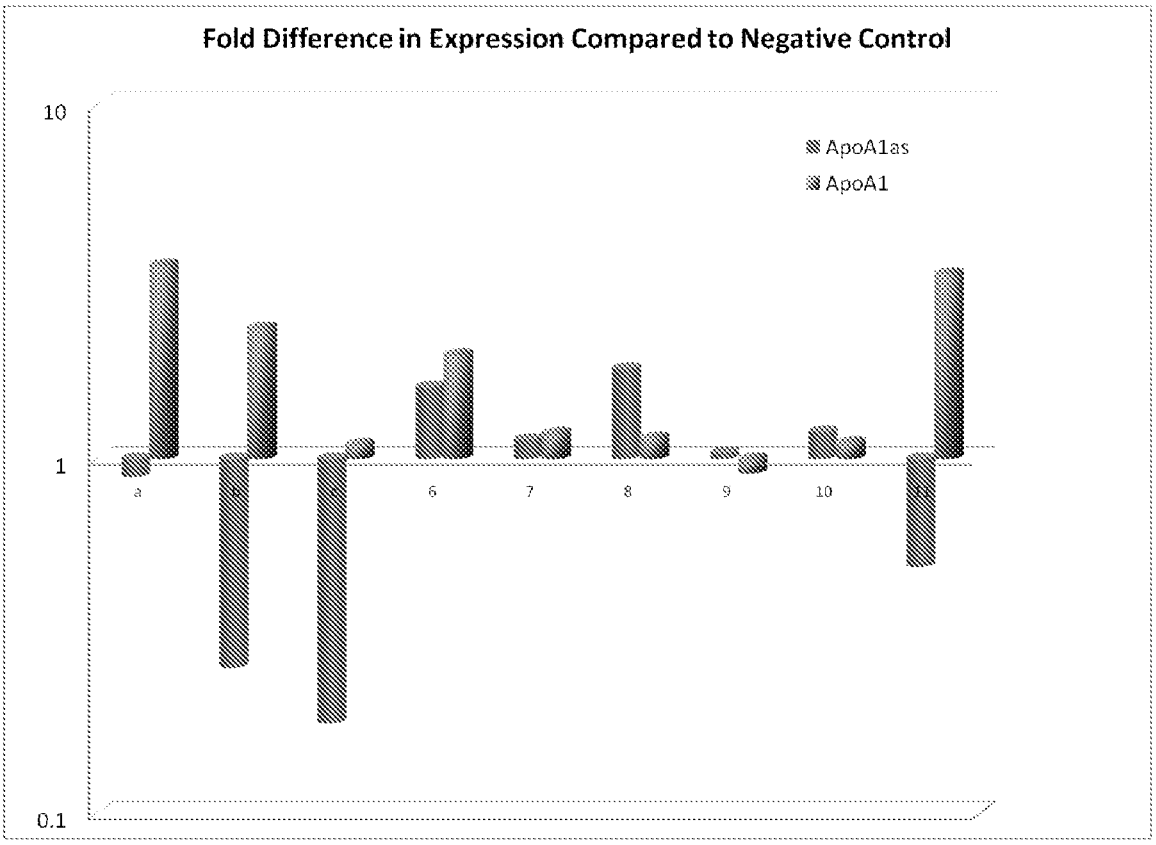
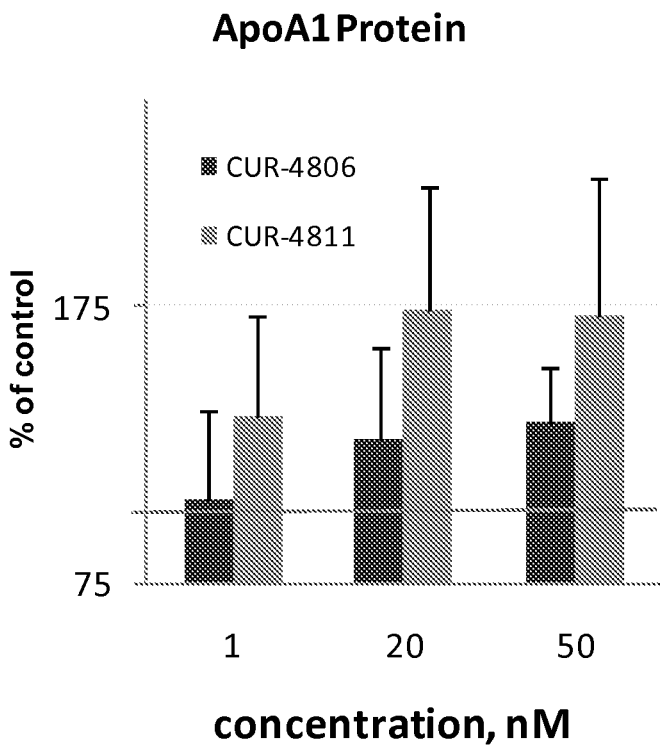

Fold Difference in Expression Compared to Negative Control
10
1
0.1
ApoA1as
ApoA1
a
6
7
8
9
10

FIGURE 3


ApoA1 Protein
CUR-4806
CUR-4811
% of control
175
75
1
20
50
concentration, nM

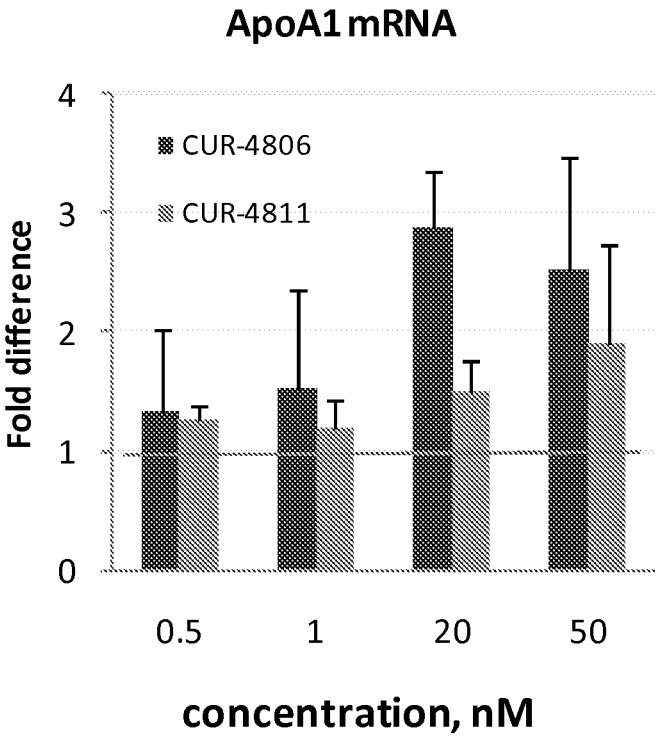

ApoA1 mRNA
CUR-4806
CUR-4811
Fold difference
4
3
2
1
0
0.5
1
20
50
concentration, nM

FIGURE 4

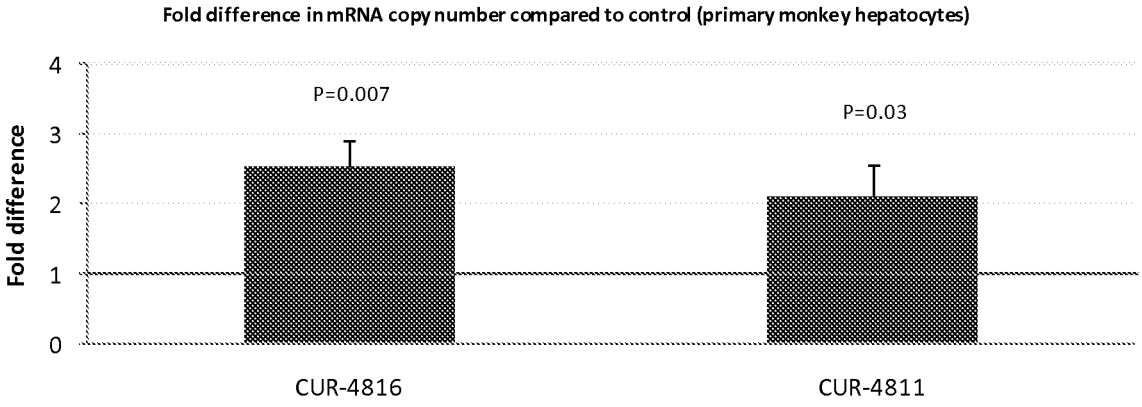


FIGURE 5

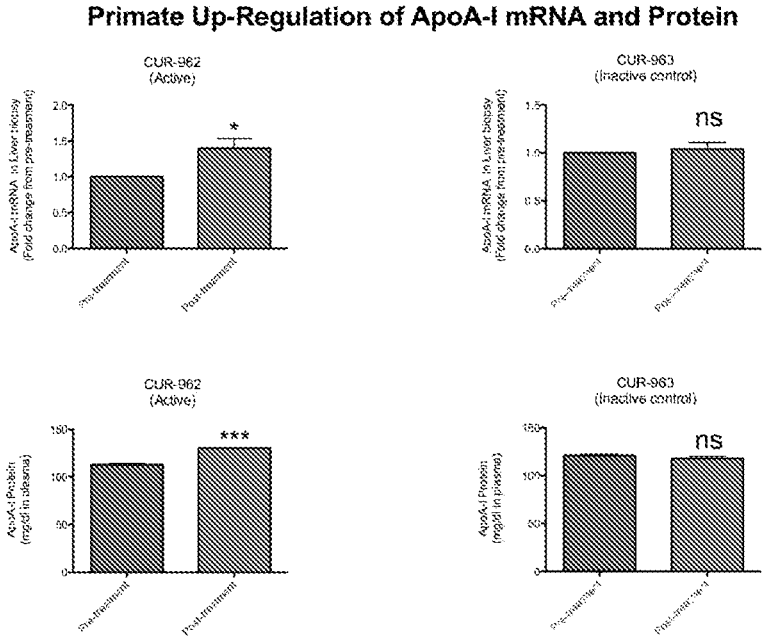


FIGURE 6

FIGURE 7

(SEQ ID NO: 1)

>gi|4557320|ref|NM_000039.1| Homo sapiens apolipoprotein A-I (APOA1), mRNA
AGAGACTGCGAGAAGGAGGTCCCCCACGGCCCTTCAGGATGAAAGCTGCGGTGCTGACCTTGGCCGTGCT
CTTCCTGACGGGGAGCCAGGCTCGGCATTTCTGGCAGCAAGATGAACCCCCCCAGAGCCCCTGGGATCGA
GTGAAGGACCTGGCCACTGTGTACGTGGATGTGCTCAAAGACAGCGGCAGAGACTATGTGTCCCAGTTTG
AAGGCTCCGCCTTGGGAAAACAGCTAAACCTAAAGCTCCTTGACAACTGGGACAGCGTGACCTCCACCTT
CAGCAAGCTGCGCGAACAGCTCGGCCCTGTGACCCAGGAGTTCTGGGATAACCTGGAAAAGGAGACAGAG
GGCCTGAGGCAGGAGATGAGCAAGGATCTGGAGGAGGTGAAGGCCAAGGTGCAGCCCTACCTGGACGACT
TCCAGAAGAAGTGGCAGGAGGAGATGGAGCTCTACCGCCAGAAGGTGGAGCCGCTGCGCGCAGAGCTCCA
AGAGGGCGCGCGCCAGAAGCTGCACGAGCTGCAAGAGAAGCTGAGCCCACTGGGCGAGGAGATGCGCGAC
CGCGCGCGCGCCCATGTGGACGCGCTGCGCACGCATCTGGCCCCCTACAGCGACGAGCTGCGCCAGCGCT
TGGCCGCGCGCCTTGAGGCTCTCAAGGAGAACGGCGGCGCCAGACTGGCCGAGTACCACGCCAAGGCCAC
CGAGCATCTGAGCACGCTCAGCGAGAAGGCCAAGCCCGCGCTCGAGGACCTCCGCCAAGGCCTGCTGCCC
GTGCTGGAGAGCTTCAAGGTCAGCTTCCTGAGCGCTCTCGAGGAGTACACTAAGAAGCTCAACACCCAGT
GAGGCGCCCGCCGCCGCCCCCCTTCCCGGTGCTCAGAATAAACGTTTCCAAAGTGGG

(SEQ ID NO: 1a)

aggaccagtg agcagcaaca gggccggggc tgggcttatc agcctcccag 116213599

cccagaccct ggctgcagac ataaataggc cctgcaagag ctggctgctt 116213549

AGAGACTGCG AGAAGGAGgt gcgtcctgct gcctgccccg gtcactctgg 116213499

ctccccagct caaggttcag gccttgcccc aggccgggcc tctgggtacc 116213449

tgaggtcttc tcccgctctg tgcccttctc ctcacctggc tgcaatgagt 116213399

gggggagcac ggggcttctg catgctgaag gcaccccact cagccaggcc 116213349

cttcttctcc tccagGTCCC CCACGGCCCT TCAGGATGAA AGCTGCGGTG 116213299

CTGACCTTGG CCGTGCTCTT CCTGACGGgt aggtgtcccc taacctaggg 116213249

agccaaccat cgggggggctt tctccctaaa tccccgtggc ccaccctcct 116213199

gggcagaggc agcaggtttc tcactggccc cctctccccc acctccaagc 116213149

ttggcctttc ggctcagatc tcagcccaca gctggcctga tctgggtctc 116213099

ccctcccacc ctcagGGAGC CAGGCTCGGC ATTTCTGGCA GCAAGATGAA 116213049

CCCCCCCAGA GCCCCTGGGA TCGAGTGAAG GACCTGGCCA CTGTGTACGT 116212999

GGATGTGCTC AAAGACAGCG GCAGAGACTA TGTGTCCCAG TTTGAAGGCT 116212949

CCGCCTTGGG AAAACAGCTA AAgtaaggac ccagcctggg gttgagggca 116212899

ggggtagggg gcagaggcct gtgggatgat gttgaagcca gactggccga 116212849

gtcctcacct aatatctgat gagctgggcc ccacagatgg tctggatgga 116212799

gaaactggaa tgggatctcc aggcagggtc acagcccatg tcccctgcaa 116212749

aggacagacc agggctgccc gatgcgtgat cacagagcca cattgtgcct 116212699

gcaagtgtag caagcccctt tcccttcttc accacctcct ctgctcctgc 116212649

ccagcaagac tgtgggctgt cttcggagag gagaatgcgc tggaggcata 116212599

gaagcgaggt ccttcaaggg cccactttgg agaccaacgt aactgggcac 116212549

tagtcccagc tctgtctcct ttttagctcc tctctgtgcc tcggtccagc 116212499

tgcacaacgg ggcatggcct ggcggggcag gggtgttggt tgagagtgta 116212449

ctggaaatgc taggccactg cacctccgcg gacaggtgtc acccagggct 116212399

caccctgat aggctggggc gctgggaggc cagccctcaa cccttctgtc 116212349

tcaccctcca gCCTAAAGCT CCTTGACAAC TGGGACAGCG TGACCTCCAC 116212299

CTTCAGCAAG CTGCGCGAAC AGCTCGGCCC TGTGACCCAG GAGTTCTGGG 116212249

ATAACCTGGA AAAGGAGACA GAGGGCCTGA GGCAGGAGAT GAGCAAGGAT 116212199

CTGGAGGAGG TGAAGGCCAA GGTGCAGCCC TACCTGGACG ACTTCCAGAA 116212149

GAAGTGGCAG GAGGAGATGG AGCTCTACCG CCAGAAGGTG GAGCCGCTGC 116212099

GCGCAGAGCT CCAAGAGGGC GCGCGCCAGA AGCTGCACGA GCTGCAAGAG 116212049

AAGCTGAGCC CACTGGGCGA GGAGATGCGC GACCGCGCGC GCGCCCATGT 116211999

GGACGCGCTG CGCACGCATC TGGCCCCCTA CAGCGACGAG CTGCGCCAGC 116211949

GCTTGGCCGC GCGCCTTGAG GCTCTCAAGG AGAACGGCGG CGCCAGACTG 116211899

GCCGAGTACC ACGCCAAGGC CACCGAGCAT CTGAGCACGC TCAGCGAGAA 116211849

GGCCAAGCCC GCGCTCGAGG ACCTCCGCCA AGGCCTGCTG CCCGTGCTGG 116211799

AGAGCTTCAA GGTCAGCTTC CTGAGCGCTC TCGAGGAGTA CACTAAGAAG 116211749

CTCAACACCC AGTGAGGCGC CCGCCGCCGC CCCCCTTCCC GGTGCTCAGA 116211699

ATAAACGTTT CCAAAGTGGG aagcagcttc tttcttttgg gagaatagag 116211649

gggggtgcgg ggacatccgg gggagcccgg gtggggcctt tggccctgga 116211599

gcagggactt cctgccggat

FIGURE 7 (CONTINUED)

Natural antisense sequence (DA327409 extended): (SEQ ID NO: 2).

CAGCTTCTCTTGCAGCTCGTGCAGCTTCTGGCGCGCGCCCTCTTGGAGCTCTGCGC
GCAGCGGCTCCACCTTCTGGCGGTAGAGCTCCATCTCCTCCTGCCACTTCTTCTGG
AAGTCGTCCAGATCCAAATGGCAAACCTTCTTCATCCACCAGGACCCAACCCACA
GGCTACTTATTGCTGGAAACCTACGTTGTTCCTTGGATTGAAGTAATCTCTCCCTCt
TCTGGTGCGCCCACAGCACTTGCACCAACAGTGGGTACcCAACAGACTAGCGTGC
CTGCCGAAGAAGGGGTCCTCTGACAATCAGGGGACAATGGGGAATTATGCTCTCC
AGACTTTCTACACACACAAGTCACACAGGAAGGAAGGTAAAGAGAAACTAGAGA
AAATAATTTTTGAAGAAAAACATTTCAGGAAGTATTGAAAGTACACGGTAACTCA
GCCTGGGGCAGGGGTGGAGGGCAGCAGCACTGTTTGCTGCAGCTATGCTCCTTCC
TCAGTGCCCTGCACACCCGGGACTTGCTCGGTGAGCATCTCTCGTGTCAGTGACA
GCTAGTGTGAGTACTCTTATGTTCAGCTGCCCCTGACTACCTCTTGACTTTGGGGA
CAAGTTACTTAATCTCTGTGCCTCCGCTGTTTCACTGGTAAATGGGAATAAGAGTT
GGTTATTCTAGGGTTGTAGGGTTGTTGTAAGGATTAAATGAATCCGTATGTGAAC
AGCATTTGGTGCCTGGCACATGTGAGCTCAGCCGGGCGCGGTGGCTCATGCCTGT
AATCCCAGCACTTTGGGAGGCCAAGGCGTGCGGATCACGAGGTCAGGAGATCGA
GACCATCCTGGCTAACACGGTGAAACCCTGTCTCTACTAAAAATACAAAAAATTA
NCGGGGCGTGNTGGNGGGACATGTAGTCCCNGCTACTCGGGNNGCTGA

FIGURE 8

TGGAGCTCAGTTT (SEQ ID NO: 3)

TTTCTCGTGCAGCT (SEQ ID NO: 4)

TTCTGGCGCGTGCC (SEQ ID NO: 5)

CCCTCGTGGAGCTC (SEQ ID NO: 6)

GCCCGCGCGCAGCG (SEQ ID NO: 7)

CGGCTCCACCTTCT (SEQ ID NO: 8)

CTGGCGGTAGAGCT (SEQ ID NO: 9)

GCTCGTGCAGCTTC (SEQ ID NO: 10)

CAGCTTCTGGCGCG (SEQ ID NO: 11)

GCGCGCAGCGGCTC (SEQ ID NO: 12)

TCCACCTTCTGGCG (SEQ ID NO: 13)

CGGTGTAGAGCTCC (SEQ ID NO: 14)

CCATCTCCTCCTGC (SEQ ID NO: 15)

GAAGTCGTCCAGATCCAAA (SEQ ID NO: 16)

AAGTCGTCCAGATCCAAAT (SEQ ID NO: 17)

AGTCGTCCAGATCCAAATG (SEQ ID NO: 18)

GTCGTCCAGATCCAAATGG (SEQ ID NO: 19)

TCGTCCAGATCCAAATGGC (SEQ ID NO: 20)

CGTCCAGATCCAAATGGCA (SEQ ID NO: 21)

GTCCAGATCCAAATGGCAA (SEQ ID NO: 22)

TCCAGATCCAAATGGCAAA (SEQ ID NO: 23)

CAGATCCAAATG (SEQ ID NO: 24)

AGATCCAAATGGCAAA (SEQ ID NO: 25)

AGATCCAAATGG (SEQ ID NO: 26)

GATCCAAATGGC (SEQ ID NO: 27)

ATCCAAATGGCA (SEQ ID NO: 28)

TCCAAATGGCAA (SEQ ID NO: 29)

CCAAATGGCAAA (SEQ ID NO: 30)

CCAAATGGCAAACCTTCTT (SEQ ID NO: 31)

ATGGCAAATCTTCTTCATC (SEQ ID NO: 32)

AAATGGCAAACCTTCTTCA (SEQ ID NO: 33)

AAATGGCAAATCTTCTTCA (SEQ ID NO: 34)

ATGGCAAACCTTCTTCATC (SEQ ID NO: 35)

CCAAATGGCAAATCTTCTT (SEQ ID NO: 36)

ATGGCAAACCTTCTT (SEQ ID NO: 37)

ATGGCAAATCTTCTT (SEQ ID NO: 38)

CTTCTTCATCC (SEQ ID NO: 39

CCAGGACCCAACCCACA (SEQ ID NO: 40)

GCTACTTATTGCTG (SEQ ID NO: 41)

FIGURE 9A

TGCTGGAAACCTAC (SEQ ID NO: 42)

TTCCTTGGATTGAA (SEQ ID NO: 43)

GCCCACAGCACTTGCA (SEQ ID NO: 44)

CACCAACAGTGGGTAC (SEQ ID NO: 45)

CAACAGACTAGC (SEQ ID NO: 46)

GAAGAAGGGGTCCT (SEQ ID NO: 47)

GAATTATGCTCTCC (SEQ ID NO: 48)

CTCCAGACTTTCTA (SEQ ID NO: 49)

AAGTCACACAGGAAGG (SEQ ID NO: 50)

GAAACTAGAGAAAA (SEQ ID NO: 51)

AATAATTTTTGAAG (SEQ ID NO: 52)

GAAGTATTGAAAGT (SEQ ID NO: 53)

TGAAAGTACACGGT (SEQ ID NO: 54)

CTGGGGCAGGGGTG (SEQ ID NO: 55)

GGGGTGGAGGGCAG (SEQ ID NO: 56)

TGCTCCTTCCTCAG (SEQ ID NO: 57)

ACCCGGGACTTGCTC (SEQ ID NO: 58)

TGTCAGTGACAGCT (SEQ ID NO: 59)

TGTCAGTGACAGCTAGTGT (SEQ ID NO: 60)

GTCAGTGACAGCTAGTGTG (SEQ ID NO: 61)

TCAGTGACAGCTAGTGTGA (SEQ ID NO: 62)

AGTGACAGCTAGTGTGAGT (SEQ ID NO: 63)

TGACAGCTAGTGTGA (SEQ ID NO: 64)

TGACAGCTAGTGTGAGTAC (SEQ ID NO: 65)

GACAGCTAGTGTGAGTACT (SEQ ID NO: 66)

CAGCTAGTGTGAGTACTCT (SEQ ID NO: 67)

AGCTAGTGTGAGTACTCTT (SEQ ID NO: 68)

GCTAGTGTGAGTACTCTTA (SEQ ID NO: 69)

CTAGTGTGAGTACTCTTAT (SEQ ID NO: 70)

CTAGTGTGAGTACT (SEQ ID NO: 71)

TAGTGTGAGTACTCTTATG (SEQ ID NO: 72)

AGTGTGAGTACTCTTATGT (SEQ ID NO: 73)

GTGTGAGTACTCTTATGTT (SEQ ID NO: 74)

TGTGAGTACTCTTATGTTC (SEQ ID NO: 75)

GTGAGTACTCTTATGTTCA (SEQ ID NO: 76)

TGAGTACTCTTATGTTCAG (SEQ ID NO: 77)

ACTCTTATGTTCAG (SEQ ID NO: 78)

TACCTCTTGACTTT (SEQ ID NO: 79)

GACTTTGGGGACAA (SEQ ID NO: 80)

FIGURE 9B

A*A*A*C*T*G*A*G*C*T*C*C*A (SEQ ID NO: 81)

A*G*C*T*G*C*A*C*G*A*G*A*A*A (SEQ ID NO: 82)

G*G*C*A*C*G*C*G*C*C*A*G*A*A (SEQ ID NO: 83)

G*A*G*C*T*C*C*A*C*G*A*G*G*G (SEQ ID NO: 84)

C*G*C*T*G*C*G*C*G*C*G*G*G*C (SEQ ID NO: 85)

A*G*A*A*G*G*T*G*G*A*G*C*C*G (SEQ ID NO: 86)

A*G*C*T*C*T*A*C*C*G*C*C*A*G (SEQ ID NO: 87)

G*A*A*G*C*T*G*C*A*C*G*A*G*C (SEQ ID NO: 88)

C*G*C*G*C*C*A*G*A*A*G*C*T*G (SEQ ID NO: 89)

G*A*G*C*C*G*C*T*G*C*G*C*G*C (SEQ ID NO: 90)

C*G*C*C*A*G*A*A*G*G*T*G*G*A (SEQ ID NO: 91)

G*G*A*G*C*T*C*T*A*C*A*C*C*G (SEQ ID NO: 92)

G*C*A*G*G*A*G*G*A*G*A*T*G*G (SEQ ID NO: 93)

T*T*T*G*G*A*T*C*T*G*G*A*C*G*A*C*T*T*C (SEQ ID NO: 94)

A*T*T*T*G*G*A*T*C*T*G*G*A*C*G*A*C*T*T (SEQ ID NO: 95)

C*A*T*T*T*G*G*A*T*C*T*G*G*A*C*G*A*C*T (SEQ ID NO: 96)

C*C*A*T*T*T*G*G*A*T*C*T*G*G*A*C*G*A*C (SEQ ID NO: 97)

G*C*C*A*T*T*T*G*G*A*T*C*T*G*G*A*C*G*A (SEQ ID NO: 98)

T*G*C*C*A*T*T*T*G*G*A*T*C*T*G*G*A*C*G (SEQ ID NO: 99)

T*T*G*C*C*A*T*T*T*G*G*A*T*C*T*G*G*A*C (SEQ ID NO: 100)

T*T*T*G*C*C*A*T*T*T*G*G*A*T*C*T*G*G*A (SEQ ID NO: 101)

C*A*T*T*T*G*G*A*T*C*T*G (SEQ ID NO: 102)

T*T*T*G*C*C*A*T*T*T*G*G*A*T*C*T (SEQ ID NO: 103)

C*C*A*T*T*T*G*G*A*T*C*T (SEQ ID NO: 104)

G*C*C*A*T*T*T*G*G*A*T*C (SEQ ID NO: 105)

T*G*C*C*A*T*T*T*G*G*A*T (SEQ ID NO: 106)

T*G*C*C*A*T*T*T*G*G*A*T (SEQ ID NO: 107)

T*T*T*G*C*C*A*T*T*T*G*G (SEQ ID NO: 108)

A*A*G*A*A*G*G*T*T*T*G*C*C*A*T*T*T*G*G (SEQ ID NO: 109)

G*A*T*G*A*A*G*A*A*G*A*T*T*T*G*C*C*A*T (SEQ ID NO: 110)

T*G*A*A*G*A*A*G*G*T*T*T*G*C*C*A*T*T*T (SEQ ID NO: 111)

T*G*A*A*G*A*A*G*A*T*T*T*G*C*C*A*T*T*T (SEQ ID NO: 112)

G*A*T*G*A*A*G*A*A*G*G*T*T*T*G*C*C*A*T (SEQ ID NO: 113)

A*A*G*A*A*G*A*T*T*T*G*C*C*A*T*T*T*G*G (SEQ ID NO: 114)

A*A*G*A*A*G*G*T*T*T*G*C*C*A*T (SEQ ID NO: 115)

A*A*G*A*A*G*A*T*T*T*G*C*C*A*T (SEQ ID NO: 116)

G*G*A*T*G*A*A*G*A*A*G (SEQ ID NO: 117)

T*G*T*G*G*G*T*T*G*G*G*T*C*C*T*G*G (SEQ ID NO: 118)

C*A*G*C*A*A*T*A*A*G*T*A*G*C (SEQ ID NO: 119)

FIGURE 9C

G*T*A*G*G*T*T*T*C*C*A*G*C*A (SEQ ID NO: 120)

T*T*C*A*A*T*C*C*A*A*G*G*A*A (SEQ ID NO: 121)

T*G*C*A*A*G*T*G*C*T*G*T*G*G*G*C (SEQ ID NO: 122)

G*T*A*C*C*C*A*C*T*G*T*T*G*G*T*G (SEQ ID NO: 123)

G*C*T*A*G*T*C*T*G*T*T*G (SEQ ID NO: 124)

A*G*G*A*C*C*C*C*T*T*C*T*T*C (SEQ ID NO: 125)

G*G*A*G*A*G*C*A*T*A*A*T*T*C (SEQ ID NO: 126)

T*A*G*A*A*A*G*T*C*T*G*G*A*G (SEQ ID NO: 127)

C*C*T*T*C*C*T*G*T*G*T*G*A*C*T*T (SEQ ID NO: 128)

T*T*T*T*C*T*C*T*A*G*T*T*T*C (SEQ ID NO: 129)

C*T*T*C*A*A*A*A*A*T*T*A*T*T (SEQ ID NO: 130)

A*C*T*T*T*C*A*A*T*A*C*T*T*C (SEQ ID NO: 131)

A*C*C*G*T*G*T*A*C*T*T*T*C*A (SEQ ID NO: 132)

C*A*C*C*C*C*T*G*C*C*C*C*A*G (SEQ ID NO: 133)

C*T*G*C*C*C*T*C*C*A*C*C*C*C (SEQ ID NO: 134)

C*T*G*A*G*G*A*A*G*G*A*G*C*A (SEQ ID NO: 135)

G*A*G*C*A*A*G*T*C*C*C*G*G*G*T (SEQ ID NO: 136)

A*G*C*T*G*T*C*A*C*T*G*A*C*A (SEQ ID NO: 137)

A*C*A*C*T*A*G*C*T*G*T*C*A*C*T*G*A*C*A (SEQ ID NO: 138)

C*A*C*A*C*T*A*G*C*T*G*T*C*A*C*T*G*A*C (SEQ ID NO: 139)

T*C*A*C*A*C*T*A*G*C*T*G*T*C*A*C*T*G*A (SEQ ID NO: 140)

A*C*T*C*A*C*A*C*T*A*G*C*T*G*T*C*A*C*T (SEQ ID NO: 141)

T*C*A*C*A*C*T*A*G*C*T*G*T*C*A (SEQ ID NO: 142)

G*T*A*C*T*C*A*C*A*C*T*A*G*C*T*G*T*C*A (SEQ ID NO: 143)

A*G*T*A*C*T*C*A*C*A*C*T*A*G*C*T*G*T*C (SEQ ID NO: 144)

A*G*A*G*T*A*C*T*C*A*C*A*C*T*A*G*C*T*G (SEQ ID NO: 145)

A*A*G*A*G*T*A*C*T*C*A*C*A*C*T*A*G*C*T (SEQ ID NO: 146)

T*A*A*G*A*G*T*A*C*T*C*A*C*A*C*T*A*G*C (SEQ ID NO: 147)

A*T*A*A*G*A*G*T*A*C*T*C*A*C*A*C*T*A*G (SEQ ID NO: 148)

A*G*T*A*C*T*C*A*C*A*C*T*A*G (SEQ ID NO: 149)

C*A*T*A*A*G*A*G*T*A*C*T*C*A*C*A*C*T*A (SEQ ID NO: 150)

A*C*A*T*A*A*G*A*G*T*A*C*T*C*A*C*A*C*T (SEQ ID NO: 151)

A*A*C*A*T*A*A*G*A*G*T*A*C*T*C*A*C*A*C (SEQ ID NO: 152)

G*A*A*C*A*T*A*A*G*A*G*T*A*C*T*C*A*C*A (SEQ ID NO: 153)

T*G*A*A*C*A*T*A*A*G*A*G*T*A*C*T*C*A*C (SEQ ID NO: 154)

C*T*G*A*A*C*A*T*A*A*G*A*G*T*A*C*T*C*A (SEQ ID NO: 155)

C*T*G*A*A*C*A*T*A*A*G*A*G*T (SEQ ID NO: 156)

A*A*A*G*T*C*A*A*G*A*G*G*T*A (SEQ ID NO: 157)

T*T*G*T*C*C*C*C*A*A*A*G*T*C (SEQ ID NO: 158)

FIGURE 9D

+A*+A*+G*A*A*G*G*T*T*T*G*C*+C*+A*+T **(SEQ ID NO: 159)**

+T*+C*+A*C*A*C*T*A*G*C*T*G*+T*+C*+A **(SEQ ID NO: 160)**

A*A*G*A*A*G*G*T*T*T*G*C*C*A*T* **(SEQ ID NO: 161)**

T*C*A*C*A*C*T*A*G*C*T*G*T*C*A* **(SEQ ID NO: 162)**

CTCCTCCTGCCACTTCTTCTG (SEQ ID NO: 163)

CTGGTGGATGAAGAAGGTTTGC (SEQ ID NO: 164)

TTTGGATCTGGACGACTTC (SEQ ID NO: 165)

+C*+A*+A*T*A*A*G*T*A*G*C*C*+T*+G*+T (SEQ ID NO: 166)

+C*+A*+C*G*C*T*A*G*T*C*T*G*+T*+T*+G (SEQ ID NO: 167)

+C*+T*+T*C*C*T*T*C*C*T*G*T*+G*+T*+G (SEQ ID NO: 168)

+C*+A*+G*G*C*T*G*A*G*T*T*A*+C*+C*+G (SEQ ID NO: 169)

+G*+C*T* A*G*T* C*T*G* +T*+T*+G (SEQ ID NO: 170)

+G*+T*C* T*G*A* T*G*G* +A*+G*+A (SEQ ID NO: 171)

GCTAGT (SEQ ID NO: 172).

T*G*C* C*A*T* T*T*G* G*A*T* C*T*G* G*A*C* G (SEQ ID NO: 173)

FIGURE 10

FIGURE 11


RH15 RH22
Human cagcttctcttgcagctcgtgcagcttctggcgcgcgccctcttggagct
>>>>>> ||| ||||| |||||||||||||||||||||||| |||||| |||||||
Rhesus cagtttctcgtgcagctcgtgcagcttctggcgcgtgccctcgtggagct
RH52 RH65 RH74 RH87
Human ctgcgcgcagcggctccaccttctggcggtagagctccatctcctcctgc
>>>>>> | ||||||||||||||||||||||||||||||||||||||||||||||||||
Rhesus ccgcgcgcagcggctccaccttctggcggtagagctccatctcctcctgc
RH116 RH118 RH121
RH112 RH114 RH117 RH120 RH123
RH113 RH115 RH119 RH122
Human cacttcttctggaagtcgtccag
>>>>>> ||||||||||||||||||||||
Rhesus cacttcttctggaagtcgtccag
RH130a
RH125 RH126b RH128
RH124 RH126a RH130b RH139 RH151 RH169
Human atccaaatggcaaatcttcttccatccgccaggacccaacccacaagctac
>>>>> ||||||||||||||| |||||||||| |||||||||||||||| |||||
Rhesus atccaaatggcaaatcttcttccatccgccaggacccaacccacaagctac
RH126r RH130ra
RH128 RH130rb
RH178 RH183
Human ttattgctggaaacctacgttgttccttggattgaagtaatctctccctc
>>>>>> |||||||||||||||||| | |||||||||||||| |||||| |||||||
Rhesus ttattgctggaaacctacctcattccttggattgaactaatctttccctc
RH233 RH247 RH264
Human ttctggtgcgcccacagcacttgcaccaacagtgggtaccaacagacta
>>>>>> ||||||| |||||||||||||||||||||||||||||| ||||||||||
Rhesus ctctggtgtgcccacagcacttgcaccaacagtgggtactcaacagacta
RH285 RH321
Human gcgtgcctgccgaagaaggggtcctctgacaatcaggggacaatgggga
>>>>>> || ||||||| |||||||||||||||||||||||||||||||||||||||
Rhesus gcatgcctgctgaagaaggggtcctctgacaatcaggggacaatggggaa
RH331 RH352
Human ttatgctctccagactttctacacacacaagtcacacaggaaggaaggta
>>>>>> |||||||||||||||||||| ||| |||||||||||||||||||||||
Rhesus ttatgctctccagactttctatacattgaagtcacacaggaaggaaggta
RH378 RH391 RH417
Human aagagaaactagagaaaataatttttgaagaaaaacatttcaggaagtat
>>>>>> |||||||||||||||||||||||||||||||||||||||||||||| |||||||

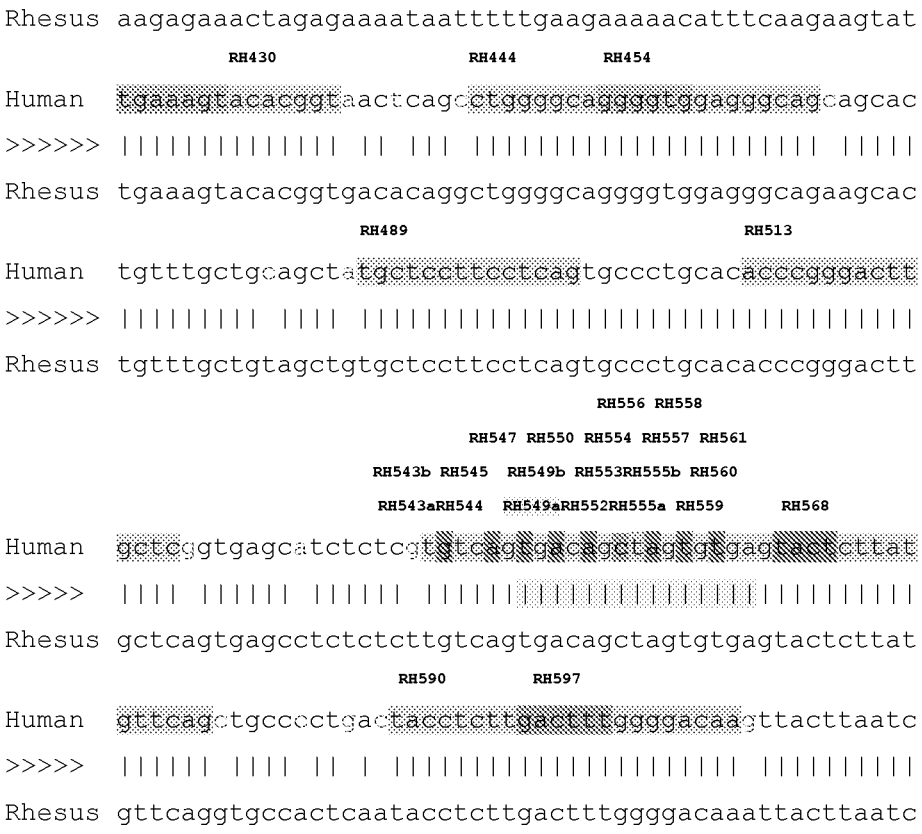


FIGURE 11 (CONTINUED)