

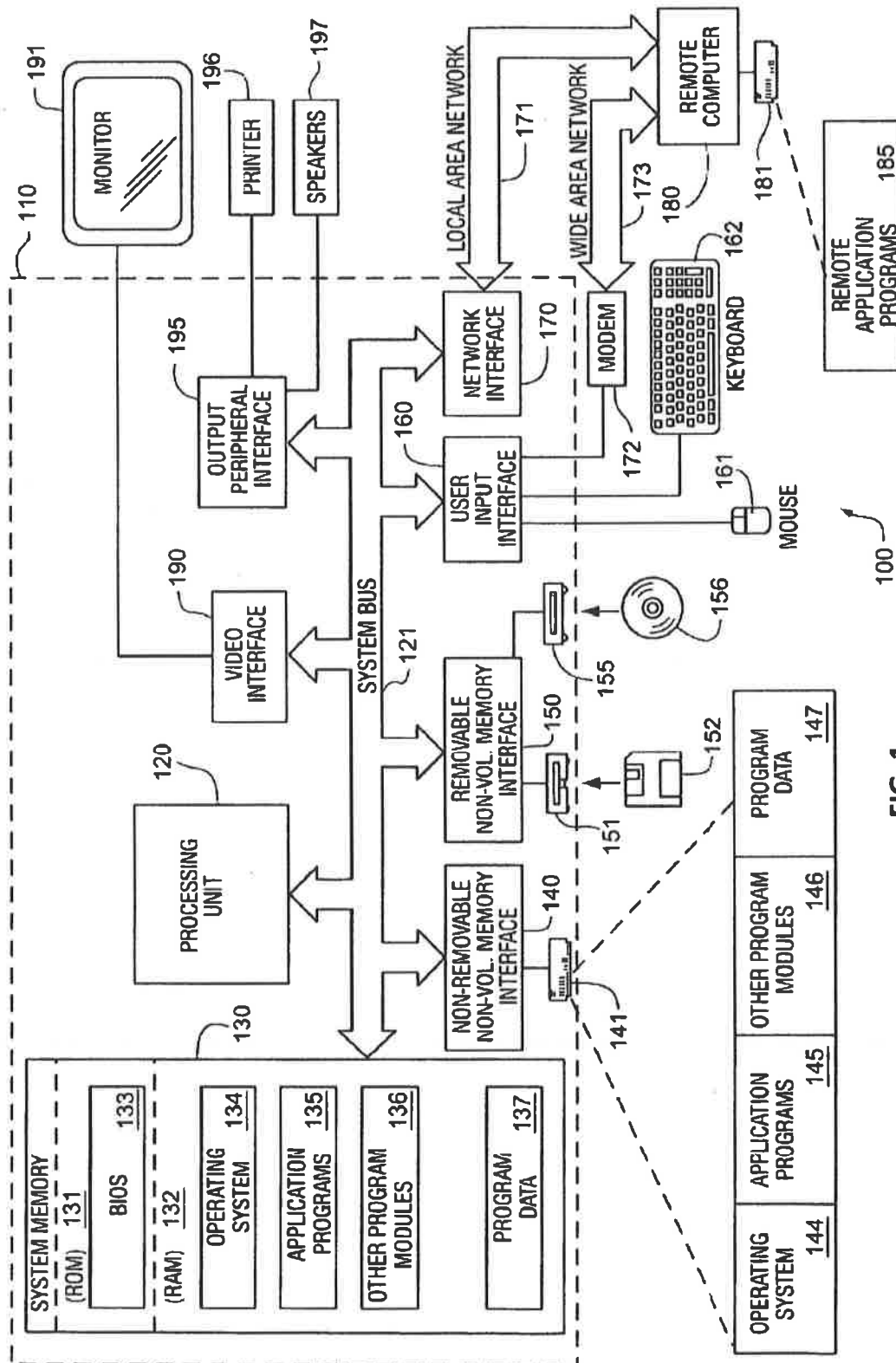


FIG. 1

SEQUENCE LISTING

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<210> 20
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 <213> Homo sapiens

<400> 20						
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taaaatgaga	ataaaagttg	gccatccttc	aaatacgggtg	atcaaattgg	ataaatgtac	540
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<210> 21
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 21						
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aaggaagaat	aaataagaaa	ataatctttg	gcctgtgggg	atattttatc	catctcttct	540
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<210> 22
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 22
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<210> 23
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 23
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 tcaaaagttt ttagtgacgt tggcgtcatg gtagtgacac ggcacattat tctgtggtaa 180
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 gcgtttttct ttcagcattc tttctccttc ctaatttggg catctgattt gctgtcgtcy 300
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 gctacattcc atatgatagg gttttcctta agactgatcg aaagaattca tgaggtcact 480
 tgggtccgacc ctcttatgca gtatatgagg aaactatgac tcagctaata acaatgagcc 540
 aatatgtatt gagtatttat gatgggtccaa gcaatactgt acacgcatga tctcattcg 599

<210> 24
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 24
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 atacaaatta aagagatgac tatgatacag tgttgaaagg actgtaattg ggtgagtaag 180
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<210> 25
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 25
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 taagagcttc tgtactgatg tctgattatg taatattcga ggtgtgccaa aaacttctaa 180

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cttctgattc	cacagaagag	ctaattttcca	cattcagaac	acgtgaactc	ttcggcagga	480
tcgacttcat	tctacttcag	catgaagtta	aattaaatcc	tccagagaaa	ccaatttggg	540
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<210> 26
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 26						
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<210> 27
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 27						
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tggttagagag	agaaacagag	aggactccgg	tgactggtct	tataagggca	ctacttttat	180
tggatcagga	tgccacctgt	atgacctcat	ttaaccttaa	ttacctgcaa	atatagtcac	240
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tccatagcac	ctagggttag	acaaaatgta	ttagctacaa	tgccaacagc	atgatatat	360
aaaaaaaaaa	ttaaccataa	actatcaagg	atctagaatc	agaaatgcca	tttgacccag	420
cagttccatt	actggttata	tacccaaaag	attataaatc	attctactat	aaagacacat	480
gcacacttat	gtttattgag	gcaactgttc	caatagcaaa	gacttggaac	caaccagat	540
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<210> 28
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 28						
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aaccaattta	taaatgtata	aattccacca	atggcagtca	tatatgaatg	tatgtcccct	240
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gcatacaaa	atacctaaaa	tttgaataac	tttcatttat	tttactatta	atgagtgtgt	360
atattgtgtt	tgccatgggt	ccttactact	tcatttctat	gatggaaatc	tacagaccac	420
aaccgtgagt	gaagtgtgtg	gtcaagatca	taaagatgac	cagggcatca	ctggtaccct	480
caaagggcac	atagtataaa	tgaaggatac	aaacgtaaaa	ggaaaaccac	aacaaaaaat	540
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<210> 29
 <211> 599

<212> DNA
<213> Homo sapiens

<400> 29
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 caaagttact gatatcttac gcatctcaca tctaaaatga aagtttccct attttaatta 420
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 aaactctgtg cagaggtgtc taaaaccta tcagaaagcc aaatgtttct ctttccttta 540
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<210> 30
<211> 599
<212> DNA
<213> Homo sapiens

<400> 30
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 attttccagg aagaatgcag aatattatta ttaaacatct tatgcatttc atatatattcc 420
 tgtttataaa ttactttccc aaattatgta tcatgtttcc cttattgttc tcaaaattca 480
 gcattactat ctacttttt tctcattttc agagattaaa gtttaagaaaa attaataatc 540
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<210> 31
<211> 599
<212> DNA
<213> Homo sapiens

<400> 31
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 atatgcaaca ttgttttact agtcaacaaa ctttcatgtc cataccctaa aaatataccc 480
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<210> 32
<211> 599
<212> DNA
<213> Homo sapiens

<400> 32
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tcagtcatat	ttcttttatt	tcgatagggt	aatcagctaa	cacctctgcc	gtgtgggtac	540
ccaaaacagc	aaccaggtta	agctgagcct	ttccccttta	ctttccaatc	tttgaatca	599

<210> 33
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 33	
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atggagtgaa	ccagagagaa
gtagaggagg	tgaagagccc
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<210> 34
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 34	
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gacctacta	atagaaattt
ttcaacctaa	ggactttgta
gttacagagg	cagttgaggg
tagttaaaaa	ctgggtggcc
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taactgtttg	ccattatcat

<210> 35
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 35	
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gactgtcata	gggatggata
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ggtccagctc	atccatggac
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ctttgttgct	tctaattctat
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<210> 36
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 36
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atcctttccc actttcccca gccaaactgg ctgactcact ctctcaatgc tcttcataga 180
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<210> 37
<211> 599
<212> DNA
<213> Homo sapiens

<400> 37
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taaataagagc tgaaataaat atgattacta cctgcaagta ttaacattaa gaggtatgta 240
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ccatatacaa agagaaaactg gactcctatc tttcaccata tataaaaatt aactcaagat 420
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aaacgcttct agacattggc ctaggcaaat aattcatgaa taagacctca aaagtagatt 540
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<210> 38
<211> 599
<212> DNA
<213> Homo sapiens

<400> 38
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<210> 39
<211> 599
<212> DNA
<213> Homo sapiens

<400> 39
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<210> 40
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 40
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 gacacagctg ataagctgga ttatctcatc aaggttggtg gaggaatgga aacaacagga 420
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<210> 41
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 41
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<210> 42
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 42
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 aatctagcca cgtaaatgga cagctgggag tggatggtgt gtttgagatg agtaagagay 300
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<210> 43
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 43
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cggtgaattc	atctcagaaa	tactgcttca	cgatatccag	ctataaatct	gaaagacaga	180
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accacaggaa	tcatggaaaa	attttaagta	aagtcctgtat	ttatacgtag	ggatatgtat	420
aattatataa	agcaaatata	agtcctctga	attagatctt	acttgtttaa	tgtatgagga	480
aaataataca	gtgttatctt	ctaaagtagt	tgcattgtct	gatgcttgag	gaagcaatga	540
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<210> 44
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 44						
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catagttata	tcctctgtaa	aacagatcca	gaagtttaga	aacacacctt	gatttatatg	240
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aatagcagaa	ttagttaatg	gcagagctgt	taccagaaaa	gagttccgat	tggatcctgt	420
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gtgaggatgt	tagcatttat	aaatctacaa	gaagagtatc	cacttagaag	aaatagctag	540
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<210> 45
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 45						
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acattaaaaa	tatacagggt	taagggactc	gatttttattc	tcagatttct	caaagacaca	180
cactagcaat	ttagatatac	ttcttatctt	cattgtttgc	tacattgtag	gaaaataaaa	240
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ctcaataaaa	tgattataat	tgttgctctt	actcactact	tatctttagt	ataaatcccc	360
tgaaactatt	ttactggatt	aaaatctgta	ctgttggtgat	aaatctagat	gaaataatct	420
tattggaaat	atattaatgt	aatgaattaa	tgattaaaaa	aaacataata	ttttaataga	480
atggtatttt	tcagtgaaca	aattatttgt	gttccaaata	taaacaccca	tagtggtatc	540
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<210> 46
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 46						
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acttcccaaa	gcaaacagtg	ttgaggagag	tgatccctcc	aataacattt	tgctagctca	120
aatcaccacc	ataacataag	tgattcagac	agtctgaact	gactccaggc	tttccaacct	180
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tccccctctc	tcttttgagaa	gattctgcct	cgtgacctga	ttagattagt	gcatttgga	360
acaaaagctta	ttcagggtctg	gtaattttaga	aaaaaaaat	aatagaatag	ctaaactcta	420
atagtataaa	attaaaacat	tattagtaaa	tatttttggg	aattaaggga	aacaatgtga	480
ttttccttga	tatgtttaat	tccagaaagc	ctgatgttca	cacagcatgt	aactatctac	540
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<210> 47

<211> 599
 <212> DNA
 <213> Homo sapiens

<400> 47
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 aataagggtg tagcctaggt tttgtaagac agcagtggca gggaagagga tgagtgtac 180
 agggaaaacc agccagaagt aaagtactta cagaagatct tatcttccca gatgaaatta 240
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 cctgctgcaa tgcttcagga tcagcaatag ccaatagtct tttctagaaa atcctgaacc 420
 cgaaagtggg tcccttttaa gttttgcaaa ctctgggagg cgatgacagc ctctgcaga 480
 ttggcctttg gctgatcaga ttccagcagc tcattcacct ccaaggccag gttctcatct 540
 tatacatcag tggagctttc gcttaggtga gggcccatat ggtaagtttt actgtgcaa 599

<210> 48
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 48
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 tgtctaacct ttgaactgac cgatacatca atctgaagca taatttagtt ctgtctgagc 120
 tcttggttac agcatgaata gctggcttgc tcatattata ccagtctcca aaataatact 180
 ttatgtgctt gtttaaaaat agtcattttc ccttcccaat ttaattatgt atgattattc 240
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 ggagagatta agagagtgat gcacaggcac aagcgccac attgtgatgt gctgcggttg 480
 tcgagtaaca ttgtagcatt caacaaaata gccttattct gagggagcct cctgtggagt 540
 ctctttttgc aagctggaga aggttcgtag cacacaaaag tccgattttg taattcctt 599

<210> 49
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 49
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 tgtgtatttc agtatagtag ttttttttaa atttgtctca ttctgtggac taggaaatgt 180
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 tgaatttaga tcccatatct cctgtaggag cagcttggat ttcccacttt tcaagagtr 300
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 atatatctca gttgtagggtg ccacattct taggacctga aatcctgact accatttttg 480
 agggttgtag aatttcatgc tccatacaat acaaggagtt agacttggaa agtaaatgca 540
 caggaaatga ccacacagga agtggaaga atgagggtcta tagaaatagt tagaggtga 599

<210> 50
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 50
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 gctgatcact tgaggttagg agtttgagat cagcctggcc aacatgggtg aaccccatct 120
 ctactaaaaa tacaaaaaaa aaaattagct ggacaagggtg gcacatgcct gtaatcccag 180
 ctactcagga ggctgagtca ggagaatctc ttgaaccggg gaagcggagg ttgcagtga 240
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cacttttttag	tattttacctt	tgggtcttat	atctcctcat	cagcctctgt	ggccttgtgg	420
ataaaaactat	ttaccatcct	ccagcattct	tcgtgaatct	ctccagattt	atttctggtc	480
cattggccctc	aaggggagaac	cagctttctcc	cttcactcat	cagcctctgt	tgatcagacc	540
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<210> 51
<211> 599
<212> DNA
<213> Homo sapiens
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<400>	51						
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acaaaaaatt	caaccctcct	ttcaatcaaa	acccgtaaca	atattctaag	ccagagttgt		180
gtaaactact	ggaatgtatc	tcttttcctt	caaggagaaa	aagataacat	ccttgctact		240
gctcagctat	caagtgaagg	caaaagcagg	tcaagatgaa	tttaaacaaa	ttattcaaar		300
ttcaatatga	aataggtttg	agactccatt	atggttggca	acaagtcatt	aacaggtagg		360
atgcaaatag	agaagtttag	aaaattgaaa	agctgtgagg	acgttgccct	gtggtatatc		420
ctaaacaaca	gcattgggag	tgttttcaga	gttcittatgt	gaccaccgaa	gtcctgccct		480
aaccaacact	aatgctgctg	cttccagagt	agcaataatg	ggtgtgatgt	ctttgactgc		540
acatttttttg	tttgtgatcca	ttcaaatttc	tactctcccc	atatgacttt	gtaatccat		599

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<210> 52
<211> 599
<212> DNA
<213> Homo sapiens
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<400>	52						
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gaacctcaaa	ggcactggtc	tccctgctaa	tgttcttgca	ttcttacagt	ttttaccct		180
cagagcagca	aaggaacacc	tttaaacct	aaacatcaga	tccctgccct	gcttaaagcc		240
ttctaatagc	ttatctatac	actgataatc	aaacaagtaa	aactagtgca	tgttttacam		300
agtcctatga	agggcaacat	gaactagtag	ctgcctatct	ctccagcatc	acttcctgcc		360
actgactcca	tgctttggct	cacaggggaa	taagccaagc	tcattggcctc	agggtctttg		420
cacttgctct	ttccaccttg	aatgctctcc	ctctgtattt	ccccattggc	ttctctctca		480
cagcaattaa	gtctctgcta	aattgccttt	gctttgagaa	actttctctg	cacactctat		540
ctgaataaact	ctcttctctaa	gccccaacca	cctcattctt	ctctctagca	ctacctgat		599

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<210> 53
<211> 599
<212> DNA
<213> Homo sapiens
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<400>	53						
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atgtgataac	gtctccaaat	tttgaggaat	atgatttgat	ttctaattat	tcagacattc		180
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gtcttccaaa	ttattaacat	ttccctttct	aagggctcct	tttctccatc	ttgctattar		300
caattctttc	caaaaaacaag	aattccaaaa	gcaagaattt	ccaaaaataa	gacagaataa		360
aacaaaaacct	tcctccatcc	tttttacact	actaaaaaatt	ttattccaaag	aattgaccac		420
tcctttctgct	caggtgcagc	ggctcacgcc	tgtaatccca	gcactttttg	aggctgaggt		480
ggatcacttg	aggtcataaa	ttcaagacca	gcctggccaa	cataatgaaa	cctcatctct		540
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<210> 54
<211> 599
<212> DNA
<213> Homo sapiens
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<400> 54
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 agcaaccacc ataacgtgtc ttttgctggt tgttgtaaga attaaatgag gcaatgaatg 180
 taaagtgtt ataataaata gtagctgggt aatgaggaat tactactatg atttggtttt 240
 aaaaagtaaa attggtggca gaatttggag ggcataatgat gagttcagag tgatacatay 300
 ccagtaagta tttagaaatg tacgaccaag gagagcaaaa gtcccaaag ggaactgcta 360
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 ttattttaatt aaattagtat catttgctct atttatgaaa aaaatacaaa tttgaattt 599

<210> 55
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 55
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 gtatttttgc tcagtttaat attgtttgaa taaatctatg aatattttta ttaaaataaa 180
 gattagctct gcagaacaaa ttcagtgcaa agtacttcaa aacttaaaag ataataggtt 240
 aatttttatt tacaagtagc atggtatatt gtgggaaggc ggatatggca agcccacacm 300
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<210> 56
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 56
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 aggcattgatt ttttaactgag aaaaatatct agccaagtgt gatataaaaag ttaaaaccac 180
 acctcaagaa taggcatttc attttttttt tttaccctga gcaaaaataa atgatctatt 240
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 aatttctatt gatcctatta tatattttcc cttagaaaca tatcaatgct tattttaag 599

<210> 57
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 57
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 caggtttcct ttggggagtc tagaatttga taacaatcc gaccattgt gttgattgk 300
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ttacattaat tccttccttg ctggatgaac cagcaattcc catgaaagag ctgaaccta 599

<210> 58
<211> 599
<212> DNA
<213> Homo sapiens

<400> 58
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caaaaagaaa aatgctacat gatctctctt atatgtggaa tcttaaaagt tgactatgtg 180
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agttaagaat actgtattat atactgaaaa tttgctgaga gagtagattt caggtgctat 360
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gatatggtaa cttgattggc taaagtataa taatttcaca catgcaaatc aaaatatatt 480
ttgatataca ttagtaataa atgtatatca atttataaat gtattataaa acttaaatat 540
gtacaataaa attaataaaa atgaatttaa aaaatagttc tgcatttcaa aagatccca 599

<210> 59
<211> 599
<212> DNA
<213> Homo sapiens

<400> 59
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tcccatacca gaatctggtt tgctaattct tttttctag ctttagatat aagtatatca 180
taattttatt aactaatacc ctacagatgg acatgaattt tgttgcaaaa tttttgtgat 240
tttaaagggtg aaacagtttg ctttgtaata aatcaagtta tccagtacat gtttcaaaay 300
agacattaga gaaatccctg gaagtagaag agctgggtta aaagggttagc aacatctgta 360
attttgacat atataatatt ttagcagtgg gtatttattt ctagataaat taaaataata 420
ataatgatac agcgcaaaac gataaaagct gaaaggaaaa tatgggtgagg tataaatgta 480
gaaaggacag agatttctcc tccaaatact gtttctcttg gcccataatt taatcattaa 540
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<210> 60
<211> 599
<212> DNA
<213> Homo sapiens

<400> 60
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gttaatcaga gaagatttta agcaattata gctaattata aatcacattt taccagagtt 180
atctaattat gcagcttggt cattctgtgt cacagtaaga tatgtattaa ttatttcatt 240
cctctctcat catgacacag tacagtctga gacctggctt cagtcaccac tttctcacan 300
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gcatectgga tatagagcgc tgggtattgt ttcacctgtt aacctctcc tctcagatct 480
gcttgaaaac aatctcccaa catgcatgta actagttaga ttttctcccc tacaagttct 540
ttctcatgga aatcctttcc gagaaaataa gcctgtatgc acagacagac acacagaca 599

<210> 61
<211> 599
<212> DNA
<213> Homo sapiens

<400> 61
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agttagtatc	tttatgaata	tttaggaaaag	actgaggctg	tatcgagaaa	ttttctgtaa	540
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<210> 62

<211> 599

<212> DNA

<213> Homo sapiens

<400> 62

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taacattggc	cacttttatg	catattatgt	gtacacatag	atttacagtc	ttacgttgaa	180
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<210> 63

<211> 599

<212> DNA

<213> Homo sapiens

<400> 63

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<210> 64

<211> 599

<212> DNA

<213> Homo sapiens

<400> 64

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 <212> DNA
 <213> Homo sapiens

<400> 65
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<210> 66
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 66
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 aagataatct tggaagatga ttctgtccct gttgaacttt cagatgagac ttcagtccca 360
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<210> 67
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 67
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 aagtacttca aaacttaaaa gataataggg taatttttat ttacaagtag catggtatat 180
 tgtgggaagg cggatatggc aagcccacac cgttataatt ccaagtatgc cattaaaata 240
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<210> 68
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 68
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 aagaagagca tttcaaacaa gggaaacagc aaatgcaaag gcactgaagt gggaacatgc 240

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<210> 69
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 69	
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ctataaatgc	aaactgcaac
gacttgcttc	ttctcaagtg
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<210> 70
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 70	
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gcctcagaca	aagctgcgcc
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<210> 71
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 71	
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aagagggcag	agggctcctc
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ctggggacat	caaattcttg
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<210> 72
 <211> 599
 <212> DNA

<213> Homo sapiens

<400> 72

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tgctgctgga	ttaatcccca	tcaagtaccc	ttctcatcaa	ggtccactgt	atcasattta	420
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tccctaaatg	gagccaaact	aatttggtag	taagtcctac	ttaatgggtt	ctttgttctc	540
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<210> 73

<211> 599

<212> DNA

<213> Homo sapiens

<400> 73

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<210> 74

<211> 599

<212> DNA

<213> Homo sapiens

<400> 74

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<210> 75

<211> 599

<212> DNA

<213> Homo sapiens

<400> 75

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<210> 76
 <211> 599
 <212> DNA
 <213> Homo sapiens

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<210> 77
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 77	
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<210> 78
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 <212> DNA
 <213> Homo sapiens

<400> 78	
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<210> 79
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 <212> DNA
 <213> Homo sapiens

<400> 79

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 <212> DNA
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<400> 80						
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<210> 81
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 81						
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<210> 82
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<400> 82						
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aaaacattag	ccacggttgg	tggcgtacac	ctgtggtccc	agctacttgg	gaggatggct	540
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<210> 83
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 83
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 <212> DNA
 <213> Homo sapiens

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 tggcagacct ggggcaggat cccagggtctc ctaaccccca agtgagggca ttccacactc 180
 catagcacag cagggtgtaa ctgggctgaa gcagattaga ggtggtttgg cagggtgtag 240
 ggggtggtca gagctcagga gtcccttttc tgagtgtcag ggatgctaag acaagggagr 300
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 cctgagagag gtagggctggg agagggggcg gggaacctga tcctgtgtat atgtcaatac 540
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<210> 85
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 <212> DNA
 <213> Homo sapiens

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 aaccttccag gcccctagac agaagcatga cagcatgcac agcagcatcc cttcagggtc 540
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<210> 86
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 86
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 cacagatgag gactcagcac agagaggcta agtgacgttc ccgagaccac acagctggca 180

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tggcagggaa	ccaggtgagg	gactgggcag	gcagcaggct	tcagaggggtg	aagcatgggc	360
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<210> 87
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 87	
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cagggccag	gaatcagaga gagcagggcc caggaatcag agagagcagg gcccaggaat 180
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tttgtttctc	actcaggtaa ggatctggga ataggtgatc caggagtggg gtggggaccc 540
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<210> 88
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 88	
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atcctgggga	gcaaaaaaat cccagtagcc agcaaatgag tcaatcacct ggtccctgc 180
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<210> 89
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 <212> DNA
 <213> Homo sapiens

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cagttctggc	aggggaaggag ccagagctgg gagggagggt tcttgggggt tattctaggc 480
cccaagatat	ccccttcatt ttagggtag actcagatct ccccgctcct tccagacatt 540
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<210> 90
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<212> DNA
<213> Homo sapiens

<400> 90

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tttgttgcat	gaaaggaaga	atgaagaagt	aaaggacttc	ctctgactct	ctcttatgtg	180
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<210> 91
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<400> 91

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gaaagaacca	ttaaaatatg	tattatatca	agaaaaactc	agtttcaagg	caggacatag	180
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<210> 92
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<213> Homo sapiens

<400> 92

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<210> 93
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<212> DNA
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<400> 93

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 catatacaca caaataccta tatattttaca tgtatatata tataaatatg tatatgacat 180
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<210> 105

<211> 599

<212> DNA

<213> Homo sapiens

<400> 105

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<210> 106

<211> 599

<212> DNA

<213> Homo sapiens

<400> 106

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<210> 107

<211> 599

<212> DNA

<213> Homo sapiens

<400> 107

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<210> 108

<211> 599
 <212> DNA
 <213> Homo sapiens

<400> 108
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<210> 109
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 109
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<210> 110
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 110
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 aataataata ataacaataa taatatatat aaagcactta ctagtaccct tggcacatta 480
 gtgctcaata aatattagct actattaatc aatcaatcaa caaatatgta ttgagcatcc 540
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<210> 111
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 111
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 ccagctgtca gatgagaaag gatttattta ttgatgtatg tattttacta gcagcactgg 180
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<210> 112
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 112						
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caagatgtgc	ttggtagcaa	aagctctagg	tctccggggg	gagttgaggg	agagtgtgta	540
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<210> 113
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 113						
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<210> 114
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 <212> DNA
 <213> Homo sapiens

<400> 114						
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 <212> DNA
 <213> Homo sapiens

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<210> 116
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 116
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<210> 117
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 <212> DNA
 <213> Homo sapiens

<400> 117
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<210> 118
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 118
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<400> 120						
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 <213> Homo sapiens

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<210> 124
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 <212> DNA
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<400> 124						
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gggtgggtat	tggggtcttc	tcttatggag	ggagaccagg	ccagacttaa	ggcctgcagt	540
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 <211> 599
 <212> DNA
 <213> Homo sapiens

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tgggcagata	aacttattta	tgaattaaat	gttaaagagg	gaggaagatc	aattattttt	300
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ctcttcacca	gttagttttg	taatctagat	gttaaaatgt	tagactccaa	ggaaaaatgt	480
ttagagttta	atgttagaaa	agaaaatcct	aaaatttttg	atcaacttga	aaaaagggaa	540
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<211> 599
<212> DNA
<213> Homo sapiens

<400> 126
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gaatgaggcc accataactg gcttaggcca attggtagga cccttcagga ggcagaacct 240
gggaacctag gcagggctct gccacagga agaagcaggt gagcgtgtgg ggggtggcgr 300
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tccatcagcc ttcctctgtg gatcccccac ccacactgag ccagcaggtc aatggggaca 540
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<211> 599
<212> DNA
<213> Homo sapiens

<400> 127
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cactgggcag attgtctcct ccttcataat ccataagct ccctccacat accttctct 180
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aaaacactat tgggccatgc ctgtaatccc agcacttttg gaggccaaag tgagtggatc 360
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gcaggagaat cgcttgaacc cagggggcag aggttgcagt gagccaagat tgcaccacgg 540
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<210> 128
<211> 599
<212> DNA
<213> Homo sapiens

<400> 128
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gttttgtact tttatttgct aactctggct gccctacact gagatttgtt aagaaacagc 240
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<210> 129
<211> 599
<212> DNA
<213> Homo sapiens

<400> 129
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taactgcccc ggagtggact tacagcaaga ccatgtgtag actgggaaac tcttggttct 180
tatttgcaaa gccagagtaa ggggaccaat ctggataggc tggcaacttg gaaggattgt 240

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tcggaacaca	gcaggaagct	gagatggcac	gaagctgtcc	acccatcttg	cgcccaggct	540
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ccaagctgct	gtctttctga
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agggtttca	agatagcctc
aaaggctagg	caaaaaatga
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gccattcttc	tgccctagcc

<210> 131
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 131	
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aaagaaaaga	aaaagaaaca
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atcctggaag	ctctaagatg
gccttgataa	gcagcaaggt
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gaataaaaatt	tcttggaagt
tactccatga	aatattatlt
aaatctaagt	atatatatat

<210> 132
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 132	
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ggcctccat	attcatgggt
tcaggaaaaa	aattgcgtct
ctaaataata	cagtacaaca
taacctagag	attacattta
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<210> 133
 <211> 599
 <212> DNA

<213> Homo sapiens

<400> 133

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gctctattgt	ggattttactg	acacatgctg	aactaagctg	tttatttgta	tcattctcttc	180
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ggtttcatgg	tttttattgg	tttggtgttg	aatgggtgag	ggggagaagg	ctatttatatg	540
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<210> 134

<211> 599

<212> DNA

<213> Homo sapiens

<400> 134

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aagtggttca	ctgagctaac	attaatctaa	tttaattctc	aaccagattt	gaaaaaggga	180
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cacaagatgt	taattgactt	acggtaatgc	cgatttctgc	aagttctgtg	tatgtatttg	540
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<210> 135

<211> 599

<212> DNA

<213> Homo sapiens

<400> 135

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agctagtagg	aaaaacctcc	aatataatgt	atacctaaag	tagtttggtt	tctgtcatca	540
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<210> 136

<211> 599

<212> DNA

<213> Homo sapiens

<400> 136

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acagactagg	tactttataa	agaacagaaa	tttattttct	gatagttcta	gaggccgcga	180
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gtccctgaca	agccctttta	taacagcgtg	aatttatgca	ggcagaactc	ttatgacct	360
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caaatttttg	gggacacatt	cagaccatag	caaagacaga	cacaaaacac	cacatattat	480
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<210> 137
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 137						
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aagaaaaagc	aaactaatat	caaagacaaa	actaggttca	aaagtgaata	tttatttaca	360
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gaaaaacaat	gtaatatattg	tattaattgg	ttgcctaaca	catggctgtg	aaatgttttc	480
ccctacattt	tttggccatg	ctatactctt	tttttttttt	ttcgtgctat	actctttgat	540
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<210> 138
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 138						
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aactcaaacc	cccgtgggat	tttattctgg	ctttctgata	attgcagcca	atataaatgt	420
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ggggcctact	tgagactgaa	gtacttgaca	ggcagagaac	tcaaatgga	tgggttttct	540
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<400> 139						
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tcttcatctc	ttttcctcct	ttctttggcc	acttcttttg	tccacgctag	atcacctacr	300
ccattaggtc	ttaaccagtt	cactgcatta	gcctggctgg	tttctcactt	gatattcagt	360
accccatct	ccaatacatt	ctgtatgtaa	ttgcagggat	gatacatctt	aaagcataaa	420
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<210> 140
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 <212> DNA
 <213> Homo sapiens

<400> 140

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<210> 141
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 141						
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 <212> DNA
 <213> Homo sapiens

<400> 142						
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caccttcacc	atacacatag	atttcaaata	tttttcctta	tgtcaacact	ggcctaaatt	180
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<400> 143						
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<210> 144
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 <212> DNA
 <213> Homo sapiens

<400> 144
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<210> 145
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 <212> DNA
 <213> Homo sapiens

<400> 145
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 <212> DNA
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<400> 146
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<210> 147
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 <212> DNA
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<400> 147
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<210> 148
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<400> 148						
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<212> DNA
<213> Homo sapiens

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<210> 152
<211> 599
<212> DNA
<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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

<400> 154
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 <213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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<210> 161
<211> 599
<212> DNA
<213> Homo sapiens

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<210> 162

<211> 599

<212> DNA

<213> Homo sapiens

<400> 162

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<210> 163

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<213> Homo sapiens

<400> 163

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

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ctaagggttc	ggtgatgtag	aatgctaaaa	gggttcgggc	tgttagtcag	agagggagga	540
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<210> 167
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 <212> DNA
 <213> Homo sapiens

<400> 167						
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<210> 168
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 <212> DNA
 <213> Homo sapiens

<400> 168						
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cctgggctcc	ttactttgcc	tctctaggat	cttctgaaag	cctgctctac	tgtgataaca	240
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<210> 169

<211> 599
 <212> DNA
 <213> Homo sapiens

<400> 169
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 tccttttttc tgcagatcta atcactcaag gagaagtttg aaaaccattg gccagggtt 180
 ctgttctgtg caccacagtg aaacggccct gtggttctgc acagggcagg tgtgggttct 240
 tggagttagt cgcattgtag ttactgactg ctgctgacct gtggtgcttg cctttgcagr 300
 tggaacagga ggattttgta atggaagggc atggcaagac tccacctcct ggtgaagaaa 360
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 tggttcaaca tgctgataag cgtgtttgtc agagatgtat acgttgaga cattggggaa 480
 ctaccagtt gctttggtg ctgttaatgc attgcttcta tttatagacc aactaactag 540
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<210> 170
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 170
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 ttgaaaccca tagacatgtg aatgtttatg ctgaaacaga agtatttact ttctgataat 180
 aagtgtatgt agtcagatac agtcttttaa gtccactttg tatggtacag aacaaatccc 240
 taacaagcta attccaacc actaaattga tttaatgac actgaggggt gtcttaccay 300
 ggtttcaaaa catttagaag gcactactca tgagttgccc catttcagca tatgatcccc 360
 acttttgctg gtctaagaat catttatcag tccactcag ttatcataatc aaccagattt 420
 gttagtact ttaaaaaaac gtttaattgt tacttcagca agtagaagat ggatattttt 480
 gatgccaga gtgtgtctt ccccgctccag ggtatctcat tctgatcaaa ccgaattggc 540
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<210> 171
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 171
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 agagatttca agtgagggt atgtgaagac ataggctaga gctggcttgc taccagggtat 180
 caaataatag aaagcactta aggtagaagc taatatcctc ctctgttga ttttagagta 240
 gaactaaaag agtttgatgg attgatgtaa tcgttcagat ttaacaggga tgaagtttar 300
 gattaagttt aggattaaaa agccaattg cgtagactat gtaatggagg aagttggaca 360
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 tcccagctac ttgggaggct gagacaggag ggttgcttga gccaggaggt tcaaggctgc 480
 agtgagccat aattatgcca ctgtactcca gcctgggcaa tggagcaaga ccttgtctca 540
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<210> 172
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 172
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 aagactgatg tggggaatgt cttttttggg ggtctggaga aagaagaggc agtaagaaag 180
 cagttaaata gagaagaaaa aacaatatgg tctgtgccct cagagtcatt gaacagttca 240
 agaaacaaa gtaagtcagc agagtctgat gcttcaggga gtttcaggaa atgaagccay 300

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<210> 173
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 173						
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gcctggggcg	cagagtgaga	ctctgtctcc	aaaaaaaaaa	aaaaaaaaaa	aaaaaaccag	180
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<210> 174
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 174						
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ccagtggtag	aaacaaaaca	gtaaaccaga	caagtaaaaa	caaagcgctc	ggcatgctag	420
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<210> 175
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 175						
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<210> 176
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 176

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tgtttttttt	tttgaaaaaa	agaaaaagtc	tgaataataa	aatgatccat	gaatttatgg	480
tgaggactag	taaaaaagta	aacttcattt	aacaattata	tttaagctaa	gctaggatga	540
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<210> 177

<211> 599

<212> DNA

<213> Homo sapiens

<400> 177

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gattcaacag	aaacaaaaat	agacgattag	gacttaatta	aactaaaaag	cttctgcaca	540
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<210> 178

<211> 599

<212> DNA

<213> Homo sapiens

<400> 178

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cttacagaga	aagcatcgtc	tgagtggcct	gggttgacgt	ttgaaagaca	attagcagtt	540
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<210> 179

<211> 599

<212> DNA

<213> Homo sapiens

<400> 179

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cctttgagat	tgtaaccgtg	gtgaaatata	taaagacaac	atctattaat	cctccagcak	300
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<210> 180
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 180
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 <212> DNA
 <213> Homo sapiens

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<210> 182
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 182
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<210> 183
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 <212> DNA
 <213> Homo sapiens

<400> 183
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<210> 184
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<400> 184						
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aagttgacta	acaaaagatt	gttaagctta	gattgaatct	gactgtgaca	tgctacaaay	300
gaaattatag	aatgtcagtg	aagagtctct	ataggaaaag	gtttagcatt	catcttgtga	360
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<210> 186
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 186						
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acagggaaaa	gtatatttgt	aatatgtctc	cacatttgat	tatgtgactt	tatctgctay	300
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ataagtgtca	caattatggt	cataaacctc	ttctagacag	gcacttcctt	acattggctg	540
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 <212> DNA
 <213> Homo sapiens

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 aataatgtat tggaaatggt aacgatactg catggatgaa acaaaagatc gcgttttagaa 180
 gcagatttgt aggagatgac acttattttg ggaactgttc tgatgaaagg aagtatcttg 240
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 ttactggatg ttacagaaaa tgtttgtatt tagaagacat ttcttcagtt aattatttta 360
 tatccttgag agaacagtag ctagtgtatg ttgataggat ttctaataat tttggggtct 420
 ccaaaaactt cagagtatac ccaaaaaata aaatattaaa agaaagcatt tgctgtaaaa 480
 ccagaccctg ccattaaaaa aaccttagca tcttatttgg gtggatattc taagtgtatt 540
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<210> 188
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 <212> DNA
 <213> Homo sapiens

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 tttttccaat ggtgaatcag aaactctagg ctcaatgctc tccaaaatat attaggaaga 480
 ccacggtatg gcatattgaa agaatgcttc cttggggatc aagaaacagg ccattagttat 540
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<210> 189
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 <212> DNA
 <213> Homo sapiens

<400> 189
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 atgtgttatg gcgaagtga gtaaaaattt tgtacaggtc ttgactgaaa gtttctcctt 240
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 aaatatatta ggaagaccac ggtatggcat attgaaagaa tgcttccttg gggatcaaga 360
 aacaggccat agttataaat tttattatta tggcacaact tttacatgtt ttatgtatct 420
 gttttatgtt tctgctgttt tcttctatgc cctgtttact atagaaaagt ttgctacaca 480
 gaaaaacagc agatataaaa atatcaaag actacatttt gagtttcaa atatagatcc 540
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 <212> DNA
 <213> Homo sapiens

<400> 190
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 acatgcagat tatggagatt acaattagag atgagatttg ggtggggaca cagagccaaa 180
 ccatatcacc cagtttttgt gcccgttctt ctgggcttgg ccaaattcac gatgggcgga 240

gtagtagata	acagaatccc	atgacagatt	tgaagatctg	agaacagaaa	caatctttgy	300
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cagtatgtat	taggtagagg	ggtctgaaat	aatctcctgg	agtttccatg	agcctctaga	420
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aagatttttag	atattccaaa	aatgcatttc	ccacaggcac	taagtggcat	ggaatttaac	540
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<210> 191
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<210> 192
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 <213> Homo sapiens

<400> 192						
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tttgagaacc	actggtcaag	gataatcatg	gcaactccat	tctcctagta	gatgggtggg	540
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<210> 193
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 <212> DNA
 <213> Homo sapiens

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gtgagaatac	tgtcagaatg	tcagcctgtg	ccacatttgg	aggtcagact	cttgacatta	540
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<210> 194
 <211> 599
 <212> DNA

<213> Homo sapiens

<400> 194

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taggcaacat	tgctggcatt	ccatttcagg	aactatgtgt	gtacgcagaa	ctgagtctgt	480
agagaagttt	ctcttcacat	ggccataagc	ggccttcagg	agtactgtct	ccttatgagt	540
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<210> 195

<211> 599

<212> DNA

<213> Homo sapiens

<400> 195

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gggggaactg	aagtgttgt	ggttctgtac	tagatctctg	tgggggcagg	aacaggagcc	360
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atcctctcca	tctggttcaa	agtctcagtg	gtattctggt	gcttatgatg	ccttggtttc	540
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<210> 196

<211> 599

<212> DNA

<213> Homo sapiens

<400> 196

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ccaatgggca	gttaaccaga	gccatccctc	gagagagggg	atcaagccaa	gaggaaggca	540
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<210> 197

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<212> DNA

<213> Homo sapiens

<400> 197

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tataaaggca	accttggtt	atataacgtc	tatcgtgaat	actgacatct	ttacttcaact	240
cactaccaat	aataaatata	ttttctgaca	aaaaaaattt	taaaaaagta	accocataas	300
agaacaattg	tgttatccca	atcaacagga	ggcaaatgat	ttaataaaca	gtgccagctg	360
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ttagagtgat cttcctaagc agagaatctg aggggtgatca ttttcctgcc tgatgccatt 480
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<210> 198
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<212> DNA
<213> Homo sapiens

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ccagggcact taccacaggg taatagaatt gactgctttc ctgtgagtct tcccagacag 540
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<210> 199
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<212> DNA
<213> Homo sapiens

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

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tgtgagttac tagaactgtt caaacactgc ttcttgaaag aaaatcttta ttgttttctt 240
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ggcttttata catttctttg gaaatggcca tagagacaat gaaataaaac aaataaggcc 360
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gtttctagct ttcttgggct ctacagcccc tgtgcttttc ctccctgta ccaattcaga 540
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<210> 201
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<213> Homo sapiens

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atcactgaca	tcacagaaat	gcaaattaag	accacaatga	ggcaccatct	tacaccagtc	180
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gacattttctc	aaagaactaa	aaatagaact	accattaaat	ctggcaatcc	cactcctggg	360
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 <213> Homo sapiens

<400> 205
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<210> 206
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 206
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<210> 207
 <211> 599
 <212> DNA
 <213> Homo sapiens

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

<400> 208
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 ggttattttc aagtaaaatg gtttcataaa ttgcatactt tagtgaagat cagaatgttt 180

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taaaagtttt	agttgtatca	aactgaatat	agtaaaatgc	caagatatatt	caccaggatt	480
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<210> 209
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 <212> DNA
 <213> Homo sapiens

<400> 209						
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tccttgacag	taaaaaaaat	taaaaaaata	tggagagagt	ctttactttg	atagtcttta	480
aatgatacta	atagtgcatt	tttcaacttta	ttactgtcaa	gctgggagtt	cctcttttgt	540
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<210> 210
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 <212> DNA
 <213> Homo sapiens

<400> 210						
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tgtagtttaa	ctttccaaac	cttccatgca	ttctatgata	aaccagtccc	cttttttccc	360
gaagtcaatt	ttttttcaga	tctcttacct	aaatgaagcc	taatgtactc	tgttcactga	420
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aaggctgaac	ctatgagata	taaaaatagc	cagattaaat	gagagtgggt	agatagtcct	540
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<210> 211
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 <212> DNA
 <213> Homo sapiens

<400> 211						
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agccataaaa	aagaatgaga	tcatgtcttt	tgtaggaaca	tgaatggagc	tataggctay	300
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atgggagcta	aatcatgaaa	actcatgaac	acaaagaaag	aatgacaga	catggggtct	420
gcttgagggt	ggagagtggg	aggagggaga	ggagcagaaa	agataacgaa	tgggtactag	480
gcttaataacc	tggctgatga	aataatctgt	acaacaaacc	cccatgacat	gaatttacct	540
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<210> 212
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<212> DNA
<213> Homo sapiens

<400> 212
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<210> 213
<211> 599
<212> DNA
<213> Homo sapiens

<400> 213
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gcagtagcca cagagccagg tttggagcac aggtgtgcat ggagccaggg tctgaagtgc 480
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<210> 214
<211> 599
<212> DNA
<213> Homo sapiens

<400> 214
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gaaccacatg caaagcctgc tttgtaaaagt cctaaaataa tgtgagctag gtgaaagtac 480
agctgccttt gactctgcta atcacataat aacaggacat agtcagtttt aagggtagaa 540
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<210> 215
<211> 599
<212> DNA
<213> Homo sapiens

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aagaccaggt ttaataattt gtatcaaaat gggaaaggat cacaggcctg taggttttta 240
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tggaagaaaa gaagagaagg ccccaaactg ccaactaaga agtgtcgcaa tatatttgat 360

gacagtgcag	aggaaaataa	aacacaaggc	acgtggagaa	ggaaaccta	acagtccaaa	420
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taccatatga	ttgaagagga	tgagctactc	tttgcgccag	tcacctaact	ttggcttcac	540
tcctagaact	tgcttagggg	atctcttaca	gagtagctgt	actctatcga	gtatctatt	599

<210> 216
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 <212> DNA
 <213> Homo sapiens

<400> 216	
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aacacagtct	ttcccaccta
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tggtaggtac	tttgaatcat
gatagaaatt	cagtcattca
ctgcccgaag	ggtttattgc
ataatagatc	tacacatggg
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360	
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480	
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<210> 217
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 217	
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tctgatataa	agctaagagt
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agactctgtg	tgtctgggga
caccttgagt	cagaggatgg
atcctaaaag	aatggcttaa
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360	
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480	
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 <212> DNA
 <213> Homo sapiens

<400> 218	
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ggtaaagaaa	atttaaaatt
gtatgatgct	agttttgcat
aattacacaa	tgcatgtttt
gaagcactgc	acagaactaa
gacggagtct	cactctgtca
acctccccct	cccgggttca
agtgattctc	ctgcctcagc
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420	
480	
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599	

<210> 219
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 219

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gcgcacctgg	gtattcctcc	cgagggctaa	gaagaagttt	gaattgccct	gctgttaatt	240
aacaacatcc	ctttctcctt	atattacagg	tgaacttgat	tcattctctt	gtatatatty	300
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tgaagtgttt	gaaagataat	tcattgttct	agttggttat	taaaataaat	gtgtctcatg	420
atagaatcca	gcatccaagt	aggagctaag	gatgttcttg	ttccatgaat	ttagatgttt	480
caaagataca	tgcccccgcc	ccactcctga	catttaatat	ctcttagcct	ttggattgaa	540
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<210> 220

<211> 599

<212> DNA

<213> Homo sapiens

<400> 220

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<210> 221

<211> 599

<212> DNA

<213> Homo sapiens

<400> 221

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<210> 222

<211> 599

<212> DNA

<213> Homo sapiens

<400> 222

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ttaagatgaa	tttaggatga	tatctagcta	agtgggaagg	gttcctaaca	gtccagcaga	480
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ataaaaacaa catggagaaa atgttttaag gttatgggtca acttagccat acctatttt 599

<210> 223
<211> 599
<212> DNA
<213> Homo sapiens

<400> 223
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tttctcaaca ctatcccat attttcctag tccaatcaat taaaaaata aaaagacaat 180
gctaataata tttttcaa ataacctatt catttattta aaattctagt ttataatttt 240
atgctcacag acgtaatttc agtcaccgtt tattgaatat ttgctatcaa ccaatcator 300
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gcctaaaacg gatcatatca ccctgcta atcaagacttg taaagcccat catggaaat 599

<210> 224
<211> 599
<212> DNA
<213> Homo sapiens

<400> 224
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<210> 225
<211> 599
<212> DNA
<213> Homo sapiens

<400> 225
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aaccagccct tgtcacacag ataaaccttt tatctcactt tcccagattt taatcagcag 180
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caacagataa ctcatTTTTT ctacttaatg gaagtccaac aaatttatca taaaggctta 540
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<210> 226
<211> 599
<212> DNA
<213> Homo sapiens

<400> 226
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ctatgcagcc	atgaaaaaga	ataagctgat	atccttttgg	agaacatgca	tggagctcgs	300
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<210> 227
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 <212> DNA
 <213> Homo sapiens

<400> 227						
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agttcagaaa	accacaagtc	acataaaaaa	taggtctgag	aaagtagtct	aggctttcaa	360
aaccctctcc	ttaaaaacaa	agtgactaat	acctaagata	tttctgtaaa	cacactcaac	420
acatagtagg	catttaatac	acattagttt	ccattccttt	cttattttatt	taaatcctat	480
ctgaaaacaa	catgtattca	taaactttta	tagctgagtc	aaactgtcac	aaaaatggaa	540
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<210> 228
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 228						
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tcacaaaaat	ggaaggaatg	tttgcatcac	catcgtgata	atgttggttg	ggaaagtttg	480
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<210> 229
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 229						
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gagcctggga	aacagcaagg	aacataattg	aggcactttt	tgaaccctca	gagcaggagr	300
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gctgccttct	atcttctgct	tttccccttt	ctaaatggga	gtgtccattg	tggttttctt	420
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<210> 230

<211> 599
 <212> DNA
 <213> Homo sapiens

<400> 230
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 ttttacattt attcttcctc ttgcatctcc ttttcagcat ctatctttca cttcttaatt 180
 tcaatatcaa atgtcaatct tagattataa agtctataat gtatgtatat atatacatgt 240
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 agtaagctga ttaggcaaag gagatgatta gaactccctg cattctgggt tatcctcgca 360
 agatatttgg aagagatgtg gcctaagact ctttcataat gcctaaatta gccatagtag 420
 ttatcaccca aagttttagg ttactgggtt tttaaaacaa atcagtctga aattacaaaa 480
 tgattgtctt atttttgaag atctttgaac tttctataga aactctgtgg tggaagaatg 540
 tatttccttg acagtaaaaa aaattaaaaa aatatggaga gagtctttac tttgatagt 599

<210> 231
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 231
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 ggtcaggagg gagagcacc taccaacatc accgtcatca tcattatatt gtttaagtat 180
 cttatttatg aaattgtaga ccaccattta tttttatttt aaaaggtgac tataataact 240
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 ttctgtgtta ctatatctcc ttcatgaagt ccacaaaact aaattttcac atcacacaaa 360
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 gaatttatgt ctccatgtgt tgcctatgcc caaaagaata taaatcattc tattataaag 480
 acacatgcat gcatatgttt attgcagcac tattcacaat agcaaagaca tggaatcaac 540
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<210> 232
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 232
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 caaaaagact tgcgtaaatt cagcatgtat gatcagagga cctgggcatc acaaaacgta 240
 ctcatgggg agcatgtcaa tttgcaagga atatttagaa agacttaact atgctaaaaw 300
 taaactttta atgatgttat aatgggtgcaa tgaacattca tgtacatgtg tctttatggt 360
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 gttctgcttt cagctctttg aggaattgcc acactgcttt ccacaatgat tgaaataatt 480
 tacactccca ccaacagtgt tcccttttct ctgcaacctt gccagcatgt tattttttga 540
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<210> 233
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 233
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 gaaattgtct tttctaggtg tgagacctac cattgcccac gggattaggt tcaaactcca 180
 taaaactgac caaatcctgc aaagctgttt atattccatc tatacaattt tattatactt 240
 atttacacaa atctagatat accttcatct ttctcttctt tcttctcttt ttttcccaty 300

tggtcatcca	cttttataga	gaactgtgca	ttccttaaag	gaagggactg	tgctctatgt	360
gatttcatac	ctgaagaaac	aagcaccatg	tcttgttctt	gatagagaca	gaaatcagga	420
cgttcttcat	gaattctcag	atcctgacta	ccgtgagcct	actgggggtg	gggagtaaat	480
aatgttcctt	tttacattcc	tagtgtctag	tatagcatct	gacacatatg	agatccgtaa	540
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<210> 234
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 234						
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aaccagtcgt	ctgattaaaa	tctgggaaag	tgagataaaa	ggtttatctg	tgtagacaagg	180
gctggttgat	ggactattag	atgacgcatt	tgtagtgggt	ctttaaaacc	ttttggcttc	240
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taatcctttc	ttaggatcat	taaatttagt	gagctgggat	gatttggtga	gggtaaagtc	480
tgcatggaag	aatgaaagaa	gtagagttaa	gaaggtcaca	ttttttctct	ctaaattgta	540
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<210> 235
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 235						
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gaatttggtg	atgtgtctac	gtgctttttt	tgaggagat	ctttctcagc	ttgtatgaat	240
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gttggaatat	aaaaaattaa	tcctgctttg	cagtagtagt	atttttccag	gggactcaga	360
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<210> 236
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 236						
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gtagcgcttt	gccctattat	gttcaacaat	aataattcac	ggtgacagat	gtaatccacc	180
aaactcatta	ttttcaaccc	cgatccattt	attttgcatt	accaatacag	tggtgatgcc	240
tatcattccc	tgaactggag	tgcttgctga	aatgttttat	tgcgatatgt	cagagtttam	300
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gtaatgcacc	ctgtactcac	aagaacaggt	cttaggaggt	gtggttttga	ttagccaatt	420
acattttggga	gaagaatgga	ctctatctct	tagagagggc	cacatctctt	catatatgta	480
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<210> 237
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 237

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gaagcatcag	actggaaata	ggggaattcc	atggcagtga	ttacacgtgc	acgtgtgcac	240
gtgtgtttgt	gtgagtgtga	ggaaggggtg	attcgtagat	ggtcattaag	gcaggtctar	300
tagtactctc	tagtgctaag	cattttcaag	gatgaattct	atatccaggg	ctcaagaaga	360
agtttatatt	cttaacacac	aaaaattgct	tataatatgt	catttagaaa	ataaaaaata	420
attctagctg	ttaaaaaatg	attttccctt	ttgttttggc	aggaagaata	caggcaaaat	480
gcatgttgga	gattcacacc	ctcaccttcc	tggaaagatag	cattttaaga	aatatcttca	540
tatatcatgg	gaattaaact	gggtgtccta	ttatattaat	ccaaggcaga	ctgagaggg	599

<210> 238

<211> 599

<212> DNA

<213> Homo sapiens

<400> 238

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gataaatacc	taatgtaaat	gatgagttga	tgggtgcagg	aaaccaccat	ggcacgtgta	180
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caaacaaaca	aaacccaaaa	aactcgctga	aagcaagtag	agctttcatg	tagggaacty	300
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ggaaacgtca	gtcccacagc	ataagctctg	tacaactctt	gatgaggaat	cagaacaagt	540
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<210> 239

<211> 599

<212> DNA

<213> Homo sapiens

<400> 239

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catctgtttca	tccactttta	tagagaactg	tgcattcctt	aaaggaaggg	actgtgtcct	120
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aaataatggt	cctttttaca	ttcctagtgt	ctagtatagc	atctgacaca	tatgagatcy	300
gtaaattaca	actgagttaa	atacaaaagc	aaatacgttc	agtatatgta	gaaataaagc	360
attgaattta	agtgtcataa	ttacttttga	taactatttc	acttctaagt	tttgctacac	420
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ggagtccagt	ggtgtgatca	cagcttactg	cagcctcaac	ctactgggct	caggtgatcc	540
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<210> 240

<211> 599

<212> DNA

<213> Homo sapiens

<400> 240

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aagcaccatg	tcttgttctt	gatagagaca	gaaatcagga	cgttcttcat	gaattctcag	180
atcctgacta	ccgtgagcct	actgggggtg	gggagtaaat	aatgttccct	tttacattcc	240
tagtgcttag	tatagcatct	gacacatatg	agatccgtaa	attacaactg	agttaaatay	300
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ttttgataac	tatttcactt	ctaagttttg	ctacactgtt	ggcttttcat	ctttgtttgt	420
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ttactgcagc ctcaacctac tgggctcagg tgatcctcct gcctcagcct ccctagtagc 540
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<210> 241
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 241
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tggagagctc tcccaagagg atccatattt ttagttcctg tttgtggaag taaagcccg 180
actatgaaaa ataaggcaga atccttttaa atgacaagat tcagttaatt ccatgtcttg 240
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ctaatttttg tatttttagt agagacgggg tttcactatg ttggccaggc tagtatcgaa 540
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<210> 242
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 242
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tcatatatca gaattacaca ggacatcatg ttaatgatca tttattccta gctacttgaa 180
gaataatacc cagtaattat agcaaatgta agtcaaatag taatagcata ctttaaatag 240
tatagtaatt ataagttatg tccatgcata cgggacaagg gtcttttatg cttggtaatr 300
aatctgttct gcaattttatt cttaatatca tcgctggggt tgaagaaagg aagcttgcc 360
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ttacagctgc ttctttattg cacaatgcaa aatgtattgt taaatttaaa ccatttaaaa 540
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<210> 243
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 243
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gagtgggcat gtacagagat gacatctcaa gagagagaaa ctgaggaagc cagactcttt 240
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agcactaatt tattcacgag gatcctgtcc ccatgacctc cctctaggcc acacctccca 360
acactgccac attgggaaac aaatttcaac atcagttttg gcagagacac cacatccaag 420
ccatagtgca cagtgaataa aagcagtatt cggctgttag atgatactgt tattatcact 480
actgtacaga gatgacttcc ctttaggggt cataaaaggc ctgagagaag ctgtactgct 540
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<210> 244
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 244
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acatctcaag	agagagaaaac	tgaggaagcc	agactcttta	acaacgtgct	ctcaaaaact	240
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<210> 245
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 245						
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aaatgccata	tacaaagaga	aactggactc	ctatctttca	ccatatataa	aaattaactc	180
aagatggatt	aaagacttaa	atataaggcc	tggaactaca	aaaacactag	aagaaaaacc	240
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agtaaaagaa	ataatcagca	gagtgaacaa	agaacctgca	gaatgggaga	aaatatattg	420
aaactattcc	tctgatgagg	gcctaattat	cagaatctac	aatgaactcc	tcaataactc	480
aacaacagca	ataaaacaaa	taaccccatt	aaaaagtggg	caaagaacat	gaacagactt	540
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<210> 246
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 246						
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aataatccaa	aatagagcac	aaggcaatat	tactaacttg	aattttcatt	tgaaccccaa	540
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<210> 247
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 <212> DNA
 <213> Homo sapiens

<400> 247						
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atgggggaaa	ctgctcccat	gatccagtta	cctccacctg	gtcacaccct	tgacatatgg	180
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tcaactgcac	ctcgactttc	cagactcaag	tgatcctccc	acctcagcct	cctgagtagc	420
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<210> 248
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 <212> DNA
 <213> Homo sapiens

<400> 248
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 aagtctatgt gactttttaa aataaaaaata tataatttcc cctctgttta cttgggtttg 180
 aagcattagt agcatttgta tatgtaaaag agtatttatc tatgttaatc aaaaatatgt 240
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 gtatcttata aagcgatctg ctttaagaaa ttgtataaga aaatatcact atatttatat 360
 aagggttatg aaataatttt aaagctgtat gtttcatagt atatgagttg ttttaataaa 420
 taataatcca aaatagagca caaggcaata ttactaactt gaattttcat ttgaacccca 480
 atgcttcaat tattgaatta atcagagaaa taaaaactga ttttatagct ataatgatgt 540
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<210> 249
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 249
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 tcagagaaaa taaataccat tgaatggatg tcaactacaag tgcaagtgaac attattctac 180
 cctgtaaaaa ataatagcag ctattagaaa gattttttcc ccaagcttta tttgcagtta 240
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 caataatcaa agctaaaagg attaatgagt ctaagagaaa gatgatacgg aaagaatggc 360
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 atttagagtg aagggtggga ggaaagtga ggtggaaaaa ttacctgatg gatacgaagt 540
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<210> 250
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 250
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 gatgtcacta caagtgcagc tgacattatt ctaccctgta aaaaataata gcagctatta 180
 gaaagatttt ttccccaagc tttatttgca gttataaaact aaacagatac ttgtaaaaaa 240
 tggccactta aatgtttaat ttcatgaatg ttttcaataa tcaaagctaa aaggattaay 300
 gagtctaaga gaaagatgat acggaaaagaa tggcaaaacta attcaatgtt tttaaaagga 360
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 catgtgttta ttatgtttca caaaagaaat acaaatttag agtgaagggt gggaggaaag 480
 tgagggtgga aaaattacct gatggatacg aagttcaatg tttgggtgat gggtagagga 540
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<210> 251
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 251
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 acaaagagaa actggactcc tatctttcac catatataaa aattaactca agatggatta 180
 aagacttaaa tataaggcct ggaactacaa aaacactaga agaaaaccca ggaaaaacgc 240

ttctagacat	tggcctaggc	aaataattca	tgaataagac	ctcaaaagta	gattcaacar	300
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taatcagcag	agtgaacaaa	gaacctgcag	aatgggagaa	aatatttgca	aactattcct	420
ctgatgaggg	cctaataattc	agaatctaca	atgaactcct	caataactca	acaacagcaa	480
taaaacaaat	aaccccatta	aaaagtgggc	aaagaacatg	aacagacttt	ttcaaaagaa	540
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<210> 252
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 252						
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aataatagtg	ttggcttttg	agtgaaaatt	agctctggaa	agaaagtgca	acataaagca	180
agacaagcca	gggcagaatt	ttgcacattc	cagtgaaggt	tttcaggcaa	ttctatccat	240
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caatgagcaa	attatcctgc	cctggagggt	aagctacaat	atcgggtcca	tgcttcagga	360
agagaaaatc	atgtgttcct	agaagagaag	gaaaccaggg	gctagcagag	gcttgccctag	420
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attagcttac	aaaatgtttc	tgacaggcaa	tagaatcgaa	taaggggaaca	gcagtggcat	540
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<210> 253
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 <212> DNA
 <213> Homo sapiens

<400> 253						
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ggcagaattt	tgacatttcc	agtgaaggtt	ttcaggcaat	tctatccatg	gatataccct	180
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ttatcctgcc	ctggagggtg	agctacaata	tcgggtcccat	gcttcaggaa	gagaaaatcr	300
tgtgttccta	gaagagaagg	aaaccagggg	ctagcagagg	cttgccctaga	aatggaattg	360
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aaatgtttct	gacaggcaat	agaatcgaat	aaggggaacag	cagtggcatc	acacaaaaag	480
gaattttaaca	aatgctggca	ctttcatatc	ccctaggagg	atgaatgatg	atgaacttca	540
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<210> 254
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 254						
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gcattccagc	ctggacaaca	gagcgagact	ccatttcaga	aaacaaacaa	acaaaaacct	180
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ttattttcaga	ctttattttgt	tggaatttaa	atgtttacct	tggctagaca	cagtagctca	480
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<210> 255
 <211> 599
 <212> DNA

<213> Homo sapiens

<400> 255

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attgactctg	ctctattcaa	ctggcagtgg	cttaatggca	gcccttatat	tttctcatat	480
cacaattcag	tgttttatgc	atgtatagtt	ttctctttgc	aattggaatt	ttcttttctt	540
gaggtcagca	tatatatttc	atttattttc	gtattcactg	tggcagcaca	aaaggggta	599

<210> 256

<211> 599

<212> DNA

<213> Homo sapiens

<400> 256

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caaagagatt	tattctgaga	atcatggcag	ccaccttttg	atgggtataa	atgggtctctg	360
tgaagtgcta	tctctactac	ataaacacga	ctcaataaag	atttctttca	gcaaatgtta	420
aaccatttga	tggaaactgag	tcaaagaaga	atgggtcttt	atattcccta	attcaaatac	480
cttgtagtca	agatagtagt	aatgcattta	tttgtcaata	ctttatttct	ttatcccaag	540
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<210> 257

<211> 599

<212> DNA

<213> Homo sapiens

<400> 257

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ttatcatgaa	acaaggTcaa	cttctgtcaa	atgcttcac	tgattttatt	gagatgatta	180
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aggattgggtg	ttagttcttt	ttttaaatgc	ttggtcatct	ggttctgggc	tttttgttgt	540
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<210> 258

<211> 599

<212> DNA

<213> Homo sapiens

<400> 258

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tctttctctg	aaggTctttt	gctaactgaa	gagactttct	gagcattcta	tattcccatt	180
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ttttatccaa	atgtacagat	tttaggatac	ctttctgttc	taagttaatg	tgggcagcag	360
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atTTTctcac	tacctttcca	ggctctagga	aacagtcctg	tgctgctttc	tggtgtctct	480
gctccccact	cctaaagcca	agggcacata	ttctagattt	tggtatgaca	gcacatcacc	540
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<210> 259
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 259	
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ttcttttact	taagctggag
tgggctcagg	tgatcctcct
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	tccagctggc
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	aggaattaa
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<210> 260
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 260	
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gggtctctct	ttgccccctg
atgacaaggg	atttgcaaaa
tgccccaaagt	tttgtttaaa
ataaaaatatg	cctgaatttt
agaaggctgg	agtgtcttta
caggaaacat	tgaaactgtt
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	ctatgaggca
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<210> 261
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 261	
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aatgtcctgt	gcaattgaac
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ctgcattata	gtatcaaggc
cctggcttcc	aagatttgtc
ccagagatta	gacaaccctg
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	ctccggatcc
	agaatgctcg
	ggatcaaata
	ccacccac
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<210> 262
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 262

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tcccttcccc	cagcctttat	aatattggaa	tcggtatgca	gaaatacaaa	ccactataga	180
gaaaacactt	tatgaatgta	aacgcttcaa	tatggacttc	ctgcattata	gtatcaaggc	240
taggtcacga	accagcatgg	ccacagtaac	agaattcaaa	cctggcttcc	aagatttgty	300
tacggaaaag	aagattttaa	tcaatggtat	gggtagagga	ccagagatta	gacaaccctg	360
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ctccggatcc	agaatgctcg	ggatcaaadc	ccaccccacc	aatctacaat	agtgtgatct	540
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<210> 263
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 263						
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ggttttgagg	gtttcttttt	cttttagaga	gaggaggagg	aagagtgttt	aatttttttw	300
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aaccttattt	ttctttgatc	tatgagactg	aaaataataa	gtccctgtaa	acttagctct	420
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tcttccattt	cagcattgga	gtaatatcca	cgcctaactc	tttcacattt	cttctgttgt	540
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<210> 264
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 264						
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ttttttaatt	gattggacta	ggaaaatatg	gggatagtgt	tgagaaaagg	aaatttttaa	180
aatgagaaa	aaattaactt	tctttttttc	aaaaaagaca	ggataaaaaa	caacttttaa	240
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gagcatttag	tgacttgtcc	taaagttaat	aagtggctgg	gattggattc	aaactcagat	540
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<210> 265
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 265						
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atgtgaacca	aggattttat	atcctaagaa	aacttttacac	tcctggataa	agggcacaaa	180
cataatttta	tcaatccaca	agaactcaga	ggatactgga	gacaaatttc	agacagtcaa	240
aataattgaa	gagctataga	tgtaagggca	gggtgatttta	tcacaacttg	ctgctacaaw	300
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aacacctata	gtctttgtaa	aagacagaat	ttgaatatgg	tcaagcctta	ggaggcagtc	420
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<210> 266
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 <213> Homo sapiens

<400> 266
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 ttaaataaca agattttatt cctcctccca ctttcccaat ttgtgtactg aaaatcacaa 180
 ggaaagaatt ttgcaaagca caaaatttat ttcatgcttt aagggttaga ctttgtttaa 240
 aaaatctaaa aaattttattt attttctgag actttaatct ttttgataag taaagttcay 300
 ggaaaacat gtaattggta tagaactttt cacttgaatt gaatcacata atccttctgt 360
 agtagaatac ttttgcattc tgcctggagt aaattagttt ctttaggtta aaaaaatcc 420
 tggaattata tttttcaatt tgaaattcac ttaatatcaa agtgactata attaatctt 480
 ttactgatga tctgaaaaac ggtaataaga aattacaaat aacatatcaa agaaatttca 540
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<210> 267
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 267
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 tctgtggcat ccaacacagt gtgtacattt aagagcactc tcttgatttc ataattctctt 180
 tcttctttta tttaggattt tgctttgtgg agtaattggc aaggacaact ttacttgggtt 240
 ttatgtctac aaaacagtca tgtgtgaagt aaagagtatg ttattgactc aagagtcats 300
 ataattgaac cacgaagtag attttctatg gttaaaaaaca ctggttttta aaatatggaa 360
 agtcataaat gagtcattgc aatcttctga caaaagcaca gattatacag aaatgtatga 420
 ttcatctgtg ttttctttac acttttacct ggtgagagag aagggtttatt gatttgcaca 480
 tctccttcta ggtattattag agcatatact tgaacgggtga aatttacatt caaaatagag 540
 aagaataact gccacaaaat ctttcatttt aaattgaggg gcaaaatcta ttacagatt 599

<210> 268
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 268
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 accgatagcc tgtagcctt agcgcaaacc cgaatttatt catctgttga gtaagtattt 180
 atgttatatg atgggaactc catcaaccct tgggatatag ggaacaacaa agagtaaaat 240
 gtccccattc ttatgaagct tataagaaac aaataatact gataataata ataaacaagy 300
 ggacaattta tgatagtgtc aagtactatg aagaaaaatg taacacagtg attggaatga 360
 gaaaattctc gaagggcatg atatgcttaa gattattctt aatgggcagg agaattatga 420
 aaggcattta gatgtggaag tataagagtc cacagaagtt cagatgatgt gtagccttct 480
 agacaatgca gaaaactttt ccataattct acaagcaatg caatagcatt ggaggggttt 540
 aaataataaa attacaagtt ctaattaatt tttgcaatct atccatatga caaagggt 599

<210> 269
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 269
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 ctttctgtag aaacttttct caacactcta aaaaaaagg ctaactagaa ggaacagaag 120
 aacaacatac acatgtaaaa accatattga gggaccaaata taaagataat tatgattgga 180

gttgatgaat	ttaaaagtac	cagagaaaat	tgtatcagga	tttttgaata	tcctctttga	240
atgataattc	tactcgttgc	caaagttatt	gacagagtat	tttgtgttgg	gcatgggtgcy	300
agctaggcat	taggaagtgg	agaacaaaat	agatttagtt	cttatcacct	ggagtttaca	360
aattataact	actaggaaga	aaaaaaggct	gagtactcag	aaaatgtgta	agattgagtg	420
gtcctggaag	acaccctga	aggttgacca	ggaactaagt	caagcaaaga	gctgtgggaa	480
aactcttctg	agcagagaga	attccaggaa	ctaaagaaaag	tccagggtgtg	gttgaagata	540
gactcagaaa	taaagaaagc	tgcttgagat	cagatttagtg	aaggagggag	ctaccagat	599

<210> 270

<211> 599

<212> DNA

<213> Homo sapiens

<400> 270

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tgctaaccac	cagtatttgt	attgtatcac	ttctgtaaat	ctagttcaag	ttccttcac	120
tctcaatgtg	tgaagggtccc	taggtcccta	acaaatgcta	tcctaattccc	tacctaataa	180
ttctatatgt	ttactttag	tagaacctca	ctcctgccaa	acgtgggtact	tttctgtttc	240
tagttcagtt	caatggagtt	tccctttaaa	tagggtaatt	ctatttgatc	tccaacccck	300
agattatttt	ttcttaagtt	cattcatttt	tccatttttc	ccccctcttg	aatattactt	360
cctttatcca	tgcatctctt	ctaccattcg	tctttttctt	cactctttct	tctcatcttt	420
gatgtttcct	tctacttctt	tgtctcttta	accccaagg	gagaaaaaca	cctttttcag	480
agccctactc	agagcaccat	gcaatttcat	tttctcaagt	gctacaaggc	aaagattttc	540
tcccctactt	gaattaattt	attgtatatg	taatcgcttc	ctcccaaaga	gttttgatc	599

<210> 271

<211> 599

<212> DNA

<213> Homo sapiens

<400> 271

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aagaaaagaa	aacgagattt	ggtgaccaac	tttgttgtct	gccacagact	gatttaggg	120
aattacttcc	ctcacttatt	ttttgctgta	atttcatgat	ctaactctct	attccacaca	180
atatctctgg	caatgaactt	tattaccact	atggcttatc	ctgggtgtcct	aacactcatt	240
caggttacaa	ggagaacagg	gaataaagag	gaccattcag	gatgatgtgg	gaccacctcr	300
aagcatcagt	gtgctctgag	ggtcttcagg	aaaatctctt	tctcgcttca	catctctctc	360
ctgctgctca	ctcacatgac	tactggaagc	acattcccca	ccaccacaca	agccacata	420
cccgcacaca	accctcacc	aatgctggag	agaaagcact	ccaggaggag	aattctgtca	480
tactccttca	caccatttca	ctcttgaaac	tcttccacc	gatattcttc	actccggcta	540
ctaatttttc	tctttacatt	ttgtttttta	cttttaagtt	caggtgtgca	agagcaggt	599

<210> 272

<211> 599

<212> DNA

<213> Homo sapiens

<400> 272

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gaacaacaaa	gagtaaaatg	tccccattct	tatgaagctt	ataagaaaaca	aataatactg	120
ataataataa	taaacaagt	gacaatttat	gatagtgtca	agtactatga	agaaaaatgt	180
aacacagtga	ttggaatgag	aaaattctcg	aagggcagta	tatgcttaag	agtattctta	240
atgggcagga	gaatattgaa	aggcatttag	atgtggaagt	ataagagtcc	acagaagtty	300
agatgatgtg	tagccttcta	gacaatgcag	aaaacttttc	cataattcta	caagcaatgc	360
aatagcattg	gagggtttta	aataataaaa	ttacaagttc	taattaattt	ttgcaatcta	420
tccatatgac	aaagggttaa	taaccataat	ctacaaggaa	cttaaacaaa	tttacaagaa	480
aaaaacaatc	ccatcaaaaa	gtgggcagag	gatatgaaca	gacacttctc	aaaagaagac	540
atttagatgg	ccaacaaaca	tatgaaaaaa	ttctcatcat	cactgggtcat	tagagaagt	599

<210> 273

<211> 599

<212> DNA
<213> Homo sapiens

<400> 273
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 ttaaaagctt attgtatgca taatttataa ttcattgggac ttagtctttg ggagagaata 120
 cacacgcaga tttatgtagc tacagattga atgtaaaattc aatacccagt cctttaagga 180
 gctgagattg tttgtctcct aaccacagaa gttttgtatt ctagtatttt tccagcacta 240
 actaaatagc cgaacttgga aaagtcacac tgaatatctg ggacggaatt tcctgatctk 300
 aatagtcaga aatataccta aactattcct aggttccctt ccagtttaat ggtggatatt 360
 aattatttga aaacatttta gagaacctta actgaagaaa gaactaaggg catcttctga 420
 ttggtagact ctctgtttac aagagatggt caatgtattt tggagacaa gaaagtttac 480
 cattttgttt ccaagacaaa actgtgtgct ttgcaactat ctgagcacgt tgtcaatatt 540
 taccaaattt aatgaatga aaaaaatcta tattataact gacatgagga atcttcaca 599

<210> 274
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 274
 ctactctggg gtatagatca tgcttctaag ctctctctgg ggtcctgctg aggtcctaatg 60
 ccagctgaaa ccataccctt gtcacatac ttcccttctt ctttcttctt tcccttgctt 120
 ccttagagat tcctcctgca atggcttcct caaaaaagca ttttcataag caacctcatg 180
 tcagcctctg ctccacaga agccaatctg agttaagcag ctgtttaact tagcatgtcc 240
 aacataaaat tcttgttttc ttctcatccc ctgcccctga acgttctcct ttgcctgtcy 300
 ttcttatctc attgaaagta acaacacaag tatcaagtga aaataaaaga atcttctctg 360
 atttctttct ttctaattga ttattaaatt ctactgatat taccaatata tattcaaata 420
 ccaacctagt ctaagatact atcatctgtc ttctagactt caactgggtt cctaactctg 480
 atggtattac acaatttttg caatgaagtc ttaccacact ataattccatt ttccataaag 540
 cagcattatc attttctaag tcacacactg tagttttaat acaatcccaa actaacaag 599

<210> 275
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 275
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 tatatctgat aaacaactta tattcataat atgtaaatca tataacaaat gtcaaaattt 120
 aataataaat tattaagtag taagaagaaa tttgttgtat aataataaga aattaaatag 180
 taagaagaca atcaattcaa ataaatgagc taaagatttc aacagatact tggccaaaga 240
 aaatacagga gtttctgtaa ataagtacag ggattctgag tatcatttgt catgagggar 300
 gcaaaaatta aagcaatgag atttagctac atagctagaa tggctaacat ttaaaaatat 360
 caaccatacc aaatattggc aacaataagg aaaaacagga aatttgtgca ctgtgactat 420
 agtgaaaatg ctacaaacac tttttaaatc agtttgacca ttaacatata cttacctatg 480
 gtctagccat ttcactccta ggcatttacc ttagagaata tatccatgaa aattctttta 540
 atgaatttat ggatgatagc caaaaagtag aaacaatcca atgtccacca acaggtgaa 599

<210> 276
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 276
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 ttcaatagtg agaaattcaa agatttcccg tgagaccaag aacaaggcaa ggatggctcc 120
 ctgtgaccat agcttttcaa catcatcctg gatgtcctag aattctttca aggttctact 180
 cacaactgga tttctccata atcttacatc tcctcatgca caaacttatc acatagcaca 240
 cagactgggc ttacataata ttttctttct cttagctcat taagcacttt gtacatctcr 300
 tggccctttt cattttataa tgtgtatgaa ttttacctta cagggtgtct cctgtgacat 360

aagccttttg	agagacacaa	taatcatgtc	atcttctgct	ctgtcattca	cacaatgtat	420
agaacaatga	tttgaccaag	taagtgtctg	gatttgttga	tttttaataa	gatactatca	480
agtgtctata	ccagtgtctg	agatcagaga	cgacatttat	gcaaaatact	ttaaacagga	540
gagaggttgc	atgagcacaa	gaaaagcctt	gtctcaaaag	aatgctccct	cattgcagc	599

<210> 277
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 277	
tgagcacaa	60
agtgatgatt	120
agtacattaa	180
aataagaaat	240
atcacactgg	300
gcaaaagtaa	360
tcatcttact	420
taatatcttc	480
tagctgatga	540
cttaaggtcc	599

<210> 278
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 278	
cttcatactc	60
aataagaata	120
tagaccatag	180
cacaggtaag	240
aactagatga	300
gcaacagagt	360
actctcctaa	420
gcttctctgc	480
gggctgccat	540
caatcctgga	599

<210> 279
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 279	
acatgtacat	60
atgtcccat	120
ctattctctc	180
gttccctcat	240
agcaggtgca	300
aatttttttc	360
taactttata	420
agacatttaa	480
ccagcatgtt	540
atccatcatt	599

<210> 280
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 280

tatttgaaac	tctaagcagc	atatacattt	cccagtcctc	tccacatttc	ccttttggtg	60
gcattctgtt	catttttagt	tttatatgta	ttttagaatt	gtttttccct	atttctgtaa	120
ggaatgccgt	tgggattttg	atagacattg	cattaaatat	gtagatcagt	gggggcagta	180
tgaacatttt	aacaatatta	attcttccca	tctatgagaa	agggatgtcc	ttccatttat	240
ctgtatcttc	tttaattttc	ttcataattt	ttttcatatt	gtacaagtca	tttacctctm	300
tttttatgga	ctggaataag	tttcatttta	aaaattcaat	acataaaggc	ctacctaaca	360
atatgtttta	tataaaactac	tccaattatt	tattttcacc	aacctattga	tttctctacc	420
aatgttgaac	ctaaatcttc	actgttttag	ttttaattta	ccacatttag	tctctcagaa	480
ttcaacaaac	cattagttat	tttgccctct	actagtgtaa	gagattgata	tgcttgcaaa	540
taccttgtct	caaccttcat	ttattattac	aaatattcca	catttttccc	cgtatcatc	599

<210> 281

<211> 599

<212> DNA

<213> Homo sapiens

<400> 281

atggtatata	gtattttacat	gcattttaaat	tcactataaa	tattttacaga	acttcaagat	60
gaatgccagt	aatataagca	aaatatgtct	gaccacagtt	acttttcatg	agtaaattgg	120
ttctgccaaa	tggctttttc	cctaaaaaact	aagttttttg	aattttgttc	agataatagc	180
aataaagaga	caatcactct	ctacaacagt	tcctaggaag	ttgaagaaaa	ctgcagattt	240
taagggagat	tcactgttag	gtgtgttggc	ttcatgcctc	ttgatggcat	tcttttagtk	300
gtatgaattt	tgtttaatgg	ggagagaaat	tgaccatagg	aactaatagc	agggtgccaa	360
cagagttaca	aaatggaaga	ttctataagt	agaattggga	ggctggtgat	tcaaatgaca	420
tcttttagcaa	aaatccctgg	gaaataaacc	attttcaata	gtttgctaga	aattattttg	480
attgtaatac	gtttctagca	gtgacacagc	aaatttttag	agcttgcaat	gtgatatgaa	540
cagcaataaa	tcaccaatac	atggccgatg	gcctcttcta	ggcagatccg	tctacaact	599

<210> 282

<211> 599

<212> DNA

<213> Homo sapiens

<400> 282

ggcttcatgc	ctcttgatgg	cattcttttag	tgtgtatgaa	ttttgtttaa	tggggagaga	60
aattgaccat	aggaactaat	acgagggtgc	caacagagtt	acaaaatgga	agattctata	120
agtagaattg	ggaggctggt	gattcaaagt	acatcttttag	caaaaatccc	tgggaaataa	180
accattttca	atagtttgct	agaaattatt	ttgattgtaa	tacgtttcta	gcagtgcac	240
agcaaatttt	tagagcttgc	aatgtgatat	gaacagcaat	aaatcaccaa	tacatggccr	300
atggcctctt	ctaggcagat	ccgtctacaa	ctggtaacag	caacctatc	gagtttctct	360
ttatcacaat	accacgaggc	ttatcatcat	tgccatgcct	ttagtaacat	cactttttta	420
aatgggcatt	ttcacaaatg	aatctgcaac	ctacatatata	catgcactct	ttattgaagg	480
ccgtacttac	agtttgactt	tgagtcagct	cagcatttcta	aatcaaacgc	aaacagcaga	540
atcatatggc	atagacactt	agcaaactctg	caaggaagaa	taaagacaaa	gttgtaaaa	599

<210> 283

<211> 599

<212> DNA

<213> Homo sapiens

<400> 283

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cttttctca	tcaatagaaa	tgatcagatt	ctaagcaaat	acatgcaact	gaaacaaaca	120
tgtgggttgt	tttgacatc	cagaaataat	atcgtatact	cattaaaaca	atcaggtttt	180
ttggggggaa	ttttaatttc	atcatcatag	ttatatcctc	tgtaaaacag	atccagaagt	240
ttagaaacac	accttgattt	atatgtgttt	gatatttgac	caatcagcag	aaactcaaar	300
aatttacagg	ctgaaaagac	accaaatttt	cccgttgtac	ttcatagata	aggaaccag	360
ggcactgcag	tgtttgtttt	cccaaaatag	cagaattagt	taatggcaga	gctgttacca	420
gaaaagagtt	ccgattggat	cctgtgtgtt	cggatgctta	tttatttacc	atgtttgtga	480
ataaaccatg	caaaccgtgg	cagaagttag	gatgttagca	tttataaatc	tacaagaaga	540

gtatccactt agaagaaata gctaggagaa ggtccctaca gggggagctt gcttgacat 599

<210> 284
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 284
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 ttcagtagca aaatataaac taggaaaaca aaaataagta ctttaaagac tgaacattga 120
 gcaattccag agagagagag cgagaaagca agtgagaaag agacaaagga gtgatctagt 180
 ctttgcatta aacttattta tttattttact ttaaattcatt catctaatat aaataagtgt 240
 ggattcattt agaagcaaca ctgaccagag aaagagtagc ctatcagggg agatctctgw 300
 tccagaaaga caaggtcaaa tattcctgtg gatatggctc cctgtttttac tcctcctcct 360
 gtttgcttc actcctcctc ttctataacc actatcacag tatctgctct tcctttccac 420
 taccatcatc accccacctg gaagtacaat tttttttttc atggaggagt tttgtagaga 480
 aaaaaatttt aaacttttct atgaacctat ggggttttacc tcactcttta taagaaagaa 540
 cactgggtggt taaaccccat gcaatgttac ccgtgtgtgt gtgtgtgtgt gtgtgtgtgt 599

<210> 285
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 285
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 ataaaaacaag aaattaagat tgatggataa aaataatctc tcaaagattt atttggattt 120
 aatctaaatt taaggtgcc aatatcttta ctctgtaaag aaaattgaat ttttgaggac 180
 actaagtagt ttgagaaata cccttcttta aaatcttctt ctttacctaa atgaacacta 240
 gtgtcctggt tttcttccta tccacctact aattcttagt ctcttcttt cagcacttar 300
 atattcttgt accataggtg ctattcctgg acatctctct ttgtactcag cacagcatct 360
 tcctacttca actcttatct tttggttctg acttccaatt cttatcacta attcattgct 420
 gttcagaccc agtttatata aattcacttc tgtgtctacc agttcctcaa aacggaaacc 480
 atcattcctg aatcatcttt tcatttctcc cttttcatgt attttgcac tcaatgtgag 540
 gcatcacgta gttaaacaaa taaaaaatat gggctatatc cagcacacgt accccacat 599

<210> 286
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 286
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 caatttttgg tttgttctag ctcttctcct aactacctgt atgatcttca gtagatcttg 120
 ttcccacttt tggctcaa at tttcttattc tttaaaatgg acataataat aatttcatca 180
 agttcttata agataaaatg agatgtcatc catatagtca cctataagta acaaaataac 240
 tcataaatta ctttctttag tcacttgaat gattacatta accagattaa atatcacaty 300
 gaaaacagac aaaacaaata tcatactact ctttatattc aaagatcaat ttgatttttg 360
 agtaattttc caccatttca aagatgcatt caaaacatgt atacatctgc agtcatccaa 420
 tttcatttac cattatatct taagtgtttt ttcatatctg tgcaccatat tcaactgtact 480
 caaatattgc atatttatcc actgataagc ttggccacat gtttattttt tctattatga 540
 ctatcaatta tatctattta tctaattattc taaatatctt gtattgaata catttatgt 599

<210> 287
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 287
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 acctttttca gtagcccccac gattcttgaa tattctattc tgactcatta catctttttt 120

ctcttaattt	tttaatttta	gaagtttcta	ttgtcatatg	ctcaagctca	gatattcttt	180
ctgcagccat	atctagtcga	ctaagtagcc	catcaaaggc	atTTTTaat	ttgtgttaca	240
gcagttttga	tctccagtct	tttaaaattt	cttctcataa	tttccatctc	cttattctty	300
tattctattt	ccatctcctt	attcttccat	tcttgtagat	tggtgctttt	tccattaata	360
acctcagcat	actaatcata	gtttgttttt	taatttcctag	tctgataatt	tcaacatttc	420
tgccataaatt	gacttttagt	ctgggtgctg	tttgatctct	ctctatttta	ttttatttta	480
ttttatttta	ttttactttt	tgcccttttag	tttaccctga	ctttttgttg	ttgtgtgtgt	540
tggtgtgtgt	gttgaaagtt	gggcatgatg	tactgggtaa	aaggaaacttc	tacaaatag	599

<210> 288
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 288						
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gtatttggtt	ttctgttcct	gtatcaattc	acttaggata	atggcttaca	gctgcatgca	120
tggtgctgca	aagaacatta	tttcattctt	ttgatggctg	catagtattc	catgttgtat	180
atatgccaca	ttttgtttat	ccaatccacc	gttgataggc	acctacattg	attccatgct	240
tttgccattt	tggtatgac	tgtgatgaac	ataaaaagtgt	atgtgtcctt	ttggtagack	300
aatttgtttt	cttttggtta	tatacccagt	aatgggactg	ctgggttgaa	tggtagctct	360
gttttaagtt	ctttgagaaa	tctcctaact	tctttccaca	gtagctgaac	taatttacat	420
tcccaccaac	agtatgtaag	cattcctttt	tttcccttca	gccttgccag	catctgttat	480
ttttctgact	ttttaataat	agctattgtg	actgccagga	gatggtatct	cactgtggtt	540
ttgatttgca	tttctctgat	gattagtga	tgtggcacat	tttttcatat	gtttgttgg	599

<210> 289
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 289						
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ctcatctgat	ttctagttag	taatgggaag	ggagcaggat	gcttatgttg	cataagcagc	120
taaatgtcta	ggtagggtta	attaaaaaga	gacaatgttt	actcaatcag	ttgtcactca	180
tttcaaatat	gtcttacaaa	aatagaaata	caccttaaaa	gtttttataat	tttcaaaaga	240
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ggaaatgagt	tgaggagtca	ttctttcttc	tctattgttg	ttcatttggt	taagctgtta	540
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 <212> DNA
 <213> Homo sapiens

<400> 290						
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tgatttttaa	tggggaaaag	ttattaaaag	tttatctaaa	aatttactta	ttttggatta	360
tatacaccca	gaaagctttt	caaaaaaatc	taattaaagc	atatgggctg	tacctatttt	420
atttgtctct	ctggtaaaag	tgtattttta	ccatgaccta	aaggcaatca	tttaattcat	480
gttcatagaa	ggaatatatt	aagaacgtat	agggaagacg	tgctctatga	gaagcgagac	540
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<211> 599
 <212> DNA
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 ggaatgtgaa atcagctaag agccaaaaag tcatcattag atttggtaac cagtaggtaa 180
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 gtgctgaaac aattctcaaa ggagaggttg ggaattagag ttagaaagag tggccaattm 300
 tttgtgggtt ttgttgttgc tgtttgtttg tttgtttgtt ttgagatgga gtcttgcctc 360
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 ttcaaagtat tctcctgcct cagcctccct agtatctggg attacaggca catggcacca 480
 cactcggcta atttttgtat ttttagtaga gatgaggttt cattatgttg gccaggctgg 540
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<210> 292
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 <212> DNA
 <213> Homo sapiens

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 gggatattcg cgtaccatta tacaataaac gatatagacg ctttgggaag ttttctgtct 180
 ctgtgttgta taataaaaaat acaaaaacaa attttatttg atttttattt ttcagaacat 240
 acatgtagag ttaaaaaatat tgaaaaatat tatccaagca ttagtcataa ttattatcam 300
 catcatttaa gacaaacaat taaggacagt gatactgtca gaaggaattc agaaatcata 360
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<210> 293
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 293
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 gctctagggg agaattcttg ctttgctttt tctagttttt agaggctgcc tccagtcctc 240
 ggctcctggc tcttttcccc tatctgcaaa gccagcaaca ctgcatctct ctaacactcy 300
 gacctcacat ctttctctaa ctacagactg aaaagtttct ccactttcaa aaaatcatgg 360
 gattagttag ggccaatttg aataatccac aataatctcc caccacaagg tcattaactt 420
 aattaaattt acaaagtccc tttgccatgt aacatattta cagggctctg ggattaggac 480
 atggacatct ttgggtgggag gacattatcc tgtctacctt ggacaattac tttgtgtttg 540
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<210> 294
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 294
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 ttataagttt actagccaag tggaatatct ttttctttgt ttttgcagat ttttttttcc 240
 ttgtgggtctt tgtgattctt tttcttttta aatgacttca acttttattt tatatacagr 300

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gagagtgaac	atggtaccca	ataggtaatc	tttcagccct	atcttcctcc	ttccttcccc	420
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<210> 295
 <211> 599
 <212> DNA
 <213> Homo sapiens

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aattgttatg	tccacgagta	cccaatgttt	agctcctact	tatgagtaag	aatatgtggg	420
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ttgctgcaaa	gaacattatt	tcattctttt	gatggctgca	tagtattcca	tgttgtatat	540
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<210> 296
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 296						
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taaattatca	atagattata	agctctgtta	ttttaagaaa	atagtgtctc	tcagacctta	180
ctttagacaa	ctctcctcta	gagtataaaa	tagtctatag	agagataaac	taggaattct	240
attaattatt	tttaattggg	tattttaata	cataataaag	caatgttatg	tatagattcy	300
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atagcttagg	aatttgaaaa	actttgaaat	tgtctcgctt	ctcatagagc	acgtcttccc	420
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gttaaaatac	actttttacca	gagagacaaa	taaaatgggt	acagcccata	tgcttttaatt	540
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<210> 297
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 297						
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cgttctcctt	tgctgtcttt	tcttatctca	ttgaaagtaa	caacacaagt	atcaagttaa	420
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<210> 298
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 298

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tggtggatat	taattatttg	aaaacatttt	agagaacctt	aactgaagaa	agaactaagg	180
gcatcttctg	attggtagac	tctcctgtta	caagagatgt	tcaatgtatt	ttggaagaca	240
agaaagttaa	ccattttgtt	tccaagacaa	aactgtgtgc	tttgactat	gctgagcacr	300
ttgtcaatat	ttaccaaatt	taaatgaatg	aaaaaaatct	atattataac	tgacatgagg	360
aatcttcaca	taatacttct	tgctaatttg	aaaaatgaga	cattggttta	gaaaaaatca	420
aagagcttat	atataaatta	aaattctaaa	atcaccttgt	ggttttaata	tattatctat	480
aaatgtataa	ctttgtacag	aaaaaaagtg	ttttccgaag	aatttttaaa	acttaattta	540
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<210> 299

<211> 599

<212> DNA

<213> Homo sapiens

<400> 299

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caaataagccc	agaaataaat	acacacatct	atgggtcaact	gatttttcgg	caagaatgcc	180
acgaatacac	aatggggaaa	gaatagtctc	ttcaataaat	aaaagtgaga	atctgtaact	240
gctgatggag	aatgcttgct	tcatctccag	cctgtgatgt	agtgttaagga	tgagggcccy	300
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aaaaatccat	taattctttt	tttttttttt	tttttttgag	acagagtctt	gctttgtcac	420
cccaggtaga	gtgcagaggt	gtgatctcag	ctcactgcaa	cctctgcctc	ctgggttcaa	480
acaattatcc	ctgcctcagc	ctcctgagta	gctgggatta	caggcacgcy	ccaccatgcc	540
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<210> 300

<211> 599

<212> DNA

<213> Homo sapiens

<400> 300

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atgttttagtc	tattaagaga	gacagcaggc	acactctggg	aataggagag	agtttcagtt	180
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ataaacaata	taaaatcttc	ccatttcta	gagcatgcaa	atcaagctct	aaaacatgaa	540
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<210> 301

<211> 599

<212> DNA

<213> Homo sapiens

<400> 301

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ctgggtataa	tgatacta	atattttcct	gtgagaactt	ggcaatatat	tacatatata	180
gctgttaaaa	cattttttat	tatcatgttg	ctatatgagg	taactcattc	aattttgctt	240
gttttagtca	ttatacactt	ttccaattac	ttaattgatc	acttctttcc	tgaaatacar	300
taaacatcat	atactgagaa	aactgggact	gcaaagtgcc	tattaaaatg	tcatatgtta	360
accaaagtgt	gtcatatgag	acaaaatttt	gccatgttgc	ccaggctggt	ctcaaactcc	420
tgagctcaag	tgatccaccc	acctcagcct	ctaaaaatgc	tgggtttaca	ggcatgaccc	480

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accatgcccc gcctcaacta attttctaac taaaatattt ctcaaattac taatcaaagg 540
acttaatcac aatttggtca agaatgaata tacatgtttt atacatgtgt gttggtgtg 599

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<210> 302
<211> 599
<212> DNA
<213> Homo sapiens

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tgctgatgca gaatggtagg tattggaact aaattcagat tagattagaa agaacttcta 180
tagttctttt cattgcattt acacagatac acacacagac acacacatat aagagcatgt 240
gcacacacat accagtcttg caaggaacag aacttttgaa tattaataaac aacattagar 300
gttatgtatg aggtaattta aattcagttc aatagggaaa tattttgact tcagctaaaa 360
aagaatgtga taaaggatct cgatgcctga tattgaaatt cagtgtctac accttatgaa 420
gtaactgggt ggctctttta aaatattttg tttgaataga tcaacttaat aatcattctt 480
aatgtaaaat tttatgcatt gtctagaaaa tttcagcacc tcaacatccc aacttaatct 540
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<210> 303
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 303
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ttttagtcaa gaggtagtca ttgtttggaa gagagaacct caaaggcact ggtctccctg 180
ctaattgtct tgcattctta cagtttttta cctcagagc agcaaaggaa caccttttaa 240
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gtacctgcct atctctccag catcacttcc tgccactgac tccatgcttt ggctcacagg 420
ggaataagcc aagctcatgg cctcagggtc tttgcaactg ctctttccac cttgaatgct 480
ctccctctgt atttcccat ggctttctct ctcacagcat ttaagtctct gctaaattgc 540
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<210> 304
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 304
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ggatttaaaa aaaaaaacg gttttgggaa aactgtatct ccaactgcag ccacatgcag 180
aagaatgaaa ttggaccctt attttacacc aagcacaaaa atcaactcaa aatagtttaa 240
agacttaaac atacaatatg aaactgaaaa ctattagaat aaaacatagg ggaaaatcty 300
gacattgggt ttggagatga ttttttagtt atgacatcaa aagaacagag caaacttgga 360
caagtgaat tgcattgaaac tacaagcct ctgcatagtg aaggaaacaa ttaacagagt 420
aaaaaggcaa cctacaaatt gggagaaaat acttgccaat cttttatgag ataagaagtt 480
aacatataaa atatgtaaag aacttatata acggaatagc aaaaaaccct caaataactc 540
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<210> 305
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 305
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agaaagggtta	aatgaagcat	atgcattgta	aaaatgtcat	tttaaaaaca	attcatatgt	240
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taaagccttc	taatagctta	tctatacact	gataatcaaa	caagtaaaac	tagtgcatgt	540
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<210> 306

<211> 599

<212> DNA

<213> Homo sapiens

<400> 306

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agaagagatt	tggaactgt	aacatacaaa	taaaatggaa	atccttgaat	tataaaaaata	540
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<210> 307

<211> 599

<212> DNA

<213> Homo sapiens

<400> 307

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cgggtgtggt	ggcatgcacc	tgtagtccca	gctactcagg	aggctgaggc	aaaaggactg	540
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<210> 308

<211> 599

<212> DNA

<213> Homo sapiens

<400> 308

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cctctcctct	cctcctctgt	gctcctgtcc	ctccctcccc	ctagcaagg	ccaggcaaa	180
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gcttttattg	actttttgaa	taaacttttg	tattctggag	caaatgtatt	tattttattg	480
tatgtgcaat	gacaaacttg	gtattttccc	atgttgacat	tatgtatgtt	gtagaattta	540
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 <213> Homo sapiens

<400> 309
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 acaatgagat accatttcat tctactagg atggctatca tcaagaagac agataacaaa 180
 caagtattga caagaaacca gaagccctct tacactgtcg gtgggtcatgt aaaatggtag 240
 agctgctttg gaaaatggtc tggcagttcc tcaaaagggt aaacatgtaa taaccatacr 300
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 acactcaaga gaaatgaaaa cattaagtct acacaaaaat ttgtacacag atatcagtag 420
 caacattatt cataatagct aaaaggcaaa aattcaatgt ccatcaattg attaataaat 480
 aaatgaaatg tggatatatc acacaatgaa atattattca gccataaaaa aagtactgct 540
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 <212> DNA
 <213> Homo sapiens

<400> 310
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 ttactgctga gcacttaaca atgtgacaga cactatgtca ggctctgaga ttagaatgac 180
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 aatttgacag cctggggact gaagaagaga ggacagggtt taaagaccta ggatttttgg 540
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 <212> DNA
 <213> Homo sapiens

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 tatttttcat aacacataat agttttaaac tgtatcaagt atcataggag caaaatgttg 180
 acatgtttag aaaagctgct gggagatgtt tctactttct agggcctgtg gaagacttca 240

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gagatgggaa	tttgacagcc	tggggactga	agaagagagg	acagggttta	aagacctagg	480
atttttggag	gagctggggc	taatggagag	tcagccatga	aagaactccc	taggggtgga	540
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<400> 313						
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taagatgcta	ttcagggtttt	cctcctgcac	tgtaatcctc	ttatggtttc	ctcaagcctt	540
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ctgagattgc	accacagcac	tgcagcctgg	gtgacagaga	gagactccat	ctcaaaaaaa	240
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catttagttc	agagtgtggt	ccttagtaat	tggtcaataa	atatcaatta	ttattgtaca	240
ctcacacaga	tatattaatg	tatctataca	actttgggga	acattccaga	tagtaactcy	300
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caaagtgtcat	ttcaacagca	ctgcagacgt	tgcagggaaa	tgccagggtca	ggaggctgca	420
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caaagggcac	agcgtactag	tactataaag	gatggcaaat	agaggctaag	gtagagcaac	540
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<213> Homo sapiens

<400> 316

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agggtgcacac	caccatgccc	agctaattga	aaaaaaacaa	acttattttg	tagagatggg	540
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<212> DNA

<213> Homo sapiens

<400> 317

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ctaaaatcac	atgagccaac	tgcttaaagt	aaatctctct	ctctctccct	ctctccactg	180
tggagtcccc	atttgtggaga	gtcatacacc	ttaccacagg	caggaaatca	agggtgttag	240
caggaaaatg	agaccaggt	gcccacaaaca	ctgagcagaa	gggagcaagg	cctgtaacts	300
caaagttag	aatgaagagg	ttagagaagg	aaagcaggag	atgggacaga	atgcacagaa	360
cagcatatgg	gacctggact	ttgaacgatg	ggtagaattt	tgatcagggt	taagggaat	420
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cattatccac	attgagagtc	tcagggtctc	aatgtagaat	ccaacaaact	acatttcctg	540
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<210> 318

<211> 599

<212> DNA

<213> Homo sapiens

<400> 318

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gcaacttttg	agaaatgctt	ttagacata	cccacagact	gtccctgtgg	ctataaaaact	180
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agctgagaat	tgaaggaggt	atagcacatc	aacagcagct	cagaacctca	gtcacggaac	360
ccctcatatc	aaacaaaaaa	aaaaggttgg	gaaacaaaaa	tgaaggtcag	aaattaaatc	420
aaatagcaac	actagagaaa	tagctcaaaa	aaaaaaacgc	caaaagatga	ggtttccaag	480
taaaaaatta	tcaaagcaca	agtgtaaaaa	gtaaagtaga	gatttcctct	caaagagact	540
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<212> DNA

<213> Homo sapiens

<400> 319

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cacacttcgg	agacaaaatga	gaaactctta	ggcaggggccc	ctgctaaggc	cccaggagg	180
ccctgatttg	ggggcagatt	tccttttctt	tttgctcctt	agaaaaagct	ccttttgcaa	240
gaagtttccc	atatgtttgc	tgagctactg	ggagcagggc	caggatacca	agagacgggk	300
tagatcctcc	gtggaaacct	gctgttcagt	tttcccacca	caagccctgc	cctagggagc	360
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gtgcagtagt	gctttctata agaccaactt gcctttccac ttggttgaa aatttaaaaa 180
ccaaacctgt	cgtaatctat ctgttctgcc cctcccgccgt gtatcatgag atgactgaaa 240
attccagggtg	gccataaact caaacaagag cctagccctt ggcttattac cgggtggctay 300
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aggtcattca	gggtccagtc acagtgaag cagactcatt cagctatctg gagaagtgtg 420
atctgagggc	cacttggtcat cctgagttaa cacagggatg ccgcagctgg ggtaaggaat 480
tagagaagg	aaggccagtg ttactgcagt aagagaaaac caggaagtcc atctaggaga 540
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ttatagtaaa	ttcacatcta tgttttgatt tctctctgga ctctccattc tgtgccaatt 240
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tcacaattaa	tgtatacatc tattttattga taattaccat ctttataaaa ttaagtttat 480
tttgttttata	gccaaacatt agttgtatct tcattttatt tagtcttttc actcctcagt 540
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aaggagacag	gaattaaggg ttccaattct tacactttct gctttctgct ttgggtcagc 540
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cctgaatgcc	tggcatgaag	aaggaaatgga	gtggatacca	ggcagtaaat	ggtgaggaga	540
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 <212> DNA
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<212> DNA
<213> Homo sapiens

<400> 334

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<213> Homo sapiens

<400> 335

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<212> DNA
<213> Homo sapiens

<400> 336

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cacagggagc	tgagttgtcc	tgggccaatt	acccaaacac	aagaaagaga	atcctacaaa	480
ttatggtctc	ctttcttcca	ggtcctccat	agttcccacc	catctctctg	tcagtaccca	540
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<212> DNA
<213> Homo sapiens

<400> 337

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gacaatgcat	ttcttatctc	ttctccattt	cacctgtgtg	ctggtagctt	ttgctgcata	240
acaaaccaac	cctcccttaa	attagtggct	taaagtaata	accatctatt	attgcttatr	300
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<212> DNA
<213> Homo sapiens

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attcaaggga taggaaaaaa gactcttgat gggatatgtt tcaagtcaca ttacagaacr 300
gaaagtagaa gaataactta cagccatttt tgcagtctat cacacaccac caactctgcc 360
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<210> 339
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<213> Homo sapiens

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gaaggagggc tacagttgta gctagaagca gacatgaaag ctaatggtct gaccagaca 480
agaggttata actaaaggca cccggagact gcagaagggc cctgggccac tcctggcaat 540
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<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

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aaaaccggac ccatgatttt gtcactcctg gttgtatata cacatataac tgtcatcccc 540

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cacggaagtc	atgtgagtgg	aaaaagccat	catgcattct	gagtagaatg	ttaacactca	540
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 347

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gtattttttt	cttcaacttt	tatttttacgt	tccagggtac	ttgtacagga	tgtgcagggt	540
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attattttaat	gtctgactcg	cttccagtg	agaccatgga	tcaagaagct	agagcctagr	300
aaagaatcac	aaaaaaagtca	gtttaattct	acctaattcc	tctcttttgt	gtttttcata	360
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agctttaata	tcttcttact	catcattaac	aatgggcaat	taagtattat	tctgttggtc	480
ttaaaagtca	tggttggttg	gccacaactt	tgttaccaag	atctgagaga	caaaccaccc	540
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<211> 599

<212> DNA

<213> Homo sapiens

<400> 349

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taaacaatat	ataccgacag	gatgtgaatg	aataaaagat	gagtaaataa	aagcacaga	360
ataaataagc	atcctgcctt	ggccttgctc	tgcgagcaa	gggatatggt	ggaagcatca	420
tggcaggaca	gggcagctag	tggtgtctgc	ctcagccttc	ctcctcactg	gaagcagcca	480
ctctgcccac	cctctgtacc	ctaaccctga	agccctcctg	acttcagcag	attctacatt	540
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<400> 350

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agacatagt	ctgccaccac	tgccgttttc	agagcctcag	aacaatctgt	atccttgggc	180
cttttccata	agagggagt	tggaataaca	tatgatattat	aatgtaaaca	atatataccg	240
acaggatgtg	aatgaataaa	agatgagtaa	ataaaagcac	aagaataaat	aagcatcctr	300
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acactggggc	agtttggtgc	acagaaaaag	cacagaacag	atactaacta	gcattttaac	540
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<212> DNA

<213> Homo sapiens

<400> 351

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ttgagtgact	gatcattcac	agtctcggtt	ggcttagatg	gtgtttatca	agcagtaggt	540
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tgtccaactt	tgggttgaaa	gttatctgtg	agaggaaaca	gcagtgcctg	cttggcctac	540
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 <212> DNA
 <213> Homo sapiens

<400> 353

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aaaactaatt	gtctatacac	taaggaacaa	tctgaaaaca	aaatttataa	caacatcaaa	180
aagaataaaa	tacttatgaa	tatatattaac	aaaataagac	tttcacacta	aaaactacaa	240
tctcctttaa	aataaaattaa	agacctagat	aaataaaaaa	gaaatcctct	gttcatagay	300
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tttttcataa	cacataatag	ttttaaactg	tatcaagtat	cataggagca	aaatgttgac	480
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<400> 355

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catggtcctt	aggcattttt	atcttcatgg	actcccatta	atggggatta	atgtttatat	240
tatatgacca	cattggcata	aagataaata	tgtagtatt	atatattaag	acatgttcty	300

tgacctaaaa	atctatTTTT	ttcctcctga	ttttaagaga	aattaaaaaca	tgtagtgct	360
cactgtgcct	gatggTtaa	taggccctac	ctcgctaagt	tcacaaactg	ctgcttggtt	420
agcaacttac	accccaggaa	cctgggtgtg	cggtaaaca	gtaatgtggc	tcctggTTta	480
tatttttcat	aacacataat	agttttaaac	tgtatcaagt	atcataggag	caaaatgttg	540
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cgctcacctt	cacacgagca caccacttc ttcacaggTg tctgcatgca catgtgcaca 540
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accttctttg	ccactgggag atactttata caataattat agctttaata tcttcttact 240
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gccacaactt	tgttaccaag atctgagaga caaaccaccc agcatgaatg acccagtcag 360
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cattggcata	aagataaata tgtagtatt atatattaag acatgttctt tgacctaaaa 540
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ccttctttgc	cactgggaga tactttatac aataattata gctttaatat cttcttactc 180
atcattaaca	atgggcaatt aagtattatt ctgttgtgct taaaagtcac gttggtttgg 240
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tctatTTTTt	tcctcctgat tttaaagaaa attaaaacat gttagtgtc actgtgcctg 540
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 aatgaaacag tcttaattct gtttcctaag tcatgggaaa tcagaagccc ttatcctaaa 180
 agaggatggg tagactacag gaagcaggaa cagacaagag ctttcccaga gaactccaaa 240
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 gtgaaggttt ggaaatgggc aaagagggtat tcaggaatca ctccagcttt gcacaggggc 480
 tcccttttga gtttaaatgc aaccaaggat tttctgctgt aaatgcaacc aaggattttc 540
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tgcaacattt	gggtgtgaag	tcaggagtgc	ctatcctcac	ctaggtctat	aggcacaggc	540
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<400> 367

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ccccatgctc	ttgacctccc	ttgcaacatc	tgtgactctc	gccaggggta	atgggtcctg	540
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<212> DNA

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<213> Homo sapiens

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<400> 412						
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 <213> Homo sapiens

<400> 414
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 <212> DNA
 <213> Homo sapiens

<400> 415
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 <212> DNA
 <213> Homo sapiens

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catacacaat	cttctcta	gcttccagta	atcttacagg	tagaattttg	tattattcct	540
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 <212> DNA
 <213> Homo sapiens

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<210> 419
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 <212> DNA
 <213> Homo sapiens

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caatcaccag	agaggtgtta tacaagagca taatgatatt ctatgaggaa ataggatcct 540
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 <212> DNA
 <213> Homo sapiens

<400> 420

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<210> 421

<211> 599

<212> DNA

<213> Homo sapiens

<400> 421

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<210> 422

<211> 599

<212> DNA

<213> Homo sapiens

<400> 422

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<210> 423

<211> 599

<212> DNA

<213> Homo sapiens

<400> 423

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<210> 424
<211> 599
<212> DNA
<213> Homo sapiens

<400> 424
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<210> 425
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<212> DNA
<213> Homo sapiens

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<210> 426
<211> 599
<212> DNA
<213> Homo sapiens

<400> 426
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<211> 599
<212> DNA
<213> Homo sapiens

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<210> 428

<211> 599

<212> DNA

<213> Homo sapiens

<400> 428

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cccttcagca	tagatctgat	catctctatt	tttacaata	gaagaactta	gctgataaca	540
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<210> 429

<211> 599

<212> DNA

<213> Homo sapiens

<400> 429

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gaaatgtgcg	catgtgcctc	tgactcttcc	agggcagaag	gaacctggga	gtggttttcc	420
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<211> 599

<212> DNA

<213> Homo sapiens

<400> 430

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tatagtctac	caggacatct	cttttatata	ttgaccagaa	taatctgaga	aagctggaag	240
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aataaatcat	tcagttctga	gtagtcattg	tttatacttg	ctgtaaatat	ggttttatgt	540
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 <212> DNA
 <213> Homo sapiens

<400> 431
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 ggaccactga ctgaatcacc accacttact acagtcctct gctctgtatt ccttggaat 180
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 aaatgctcag gtcaggggtg ggggtgctttc tgggcagact gaaaaagaa aggaggacca 480
 ggtgaccatg tgtgaaattc aagagtcaac aatgatctag gtaagccagg cagattggca 540
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<210> 432
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 <212> DNA
 <213> Homo sapiens

<400> 432
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 aatcctgcca ctcttgctg actgatggg agcttatgtt tggtgacagg aaacttgcca 240
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 ggagcaacat ggagagactt tctcaccct ctgcaggcag gctctgcccc ctttcaactca 480
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 ttttactcca tttccacctt ctgttcacac taaggcaggg gttgtaccca gaagaccttg 240
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 caaccccaaca gttccagtaa gcattgccct agatggggct ctctgccatg gctctgcccc 480
 tgtgataaat ttctgcctgg atgtccaggc tatccaatat atcctttcaa atctaggtgg 540
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<210> 434
 <211> 599
 <212> DNA
 <213> Homo sapiens

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 ctacaccatc aaggaggaag gcctggttct tcaaggtaag atccttggat taagccattt 180
 ctttaagctt atgctcagtg ctgccattg ctagtggtaa ttagtgctat ggttctgata 240

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aaggagacct	acagaatttc	ctaacagaat	gagacaatca	aaacatgagg	atcaaaccac	420
gaaagctcgg	aattgctacc	accccattcc	tctttgcaga	tcctatggca	tgaagtgggc	480
aatgattctg	acaccagtgt	ggaggtgagg	agccagtgtc	gccccagagc	cttcttgctt	540
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<210> 435

<211> 599

<212> DNA

<213> Homo sapiens

<400> 435

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tagatatagc	acaaaacatc	taaatcatgg	tcccctgcct	ttgtgagggc	ttcctggcta	180
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gatctctggt	ttgcaaggcc	agtggctctg	tgggcaatac	gtatgaaaga	ggactgctgt	420
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tttttcaaac	tttctctttt	tttttttttt	ccttttaggc	aagagaagcc	atagggatac	540
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<210> 436

<211> 599

<212> DNA

<213> Homo sapiens

<400> 436

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aatttcagga	ggaaaaaagt	ttgttctgct	cagatgacgt	gtgtgaagag	gcttgatgtg	180
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tggataactt	ttgggataac	atttgtgaga	agaagagtca	ctgagttgcc	tctctgatgy	300
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gagaaaaatt	caggaaaatt	tcttataatt	caagaacaac	aaccagtaaa	taaaatgctt	540
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<210> 437

<211> 599

<212> DNA

<213> Homo sapiens

<400> 437

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gctttgggcc	tctaaccacc	ttcttgtttg	tcattttttc	ttttggaatt	tgggccccag	180
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ttctaaccac	attgagattt	gttttgatat	catgtttatc	tgatctaata	tatgacctct	540
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<210> 438

<211> 599

<212> DNA

<213> Homo sapiens

<400> 438

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tcttggacta	catgggaact	taagcagctt	acttctgctt	acttatttac	taccagcaaa	180
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tgagcacttg	gagttctctg	gacaaaaggcc	tttataaata	taaggcatga	ttaaagggta	540
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<210> 439

<211> 599

<212> DNA

<213> Homo sapiens

<400> 439

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tagtgttatg	aagaaaagac	cctgacttgt	tagagtggcc	atttgtttcc	ccacagctat	540
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<210> 440

<211> 599

<212> DNA

<213> Homo sapiens

<400> 440

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cccacaggtc	tggtcaggac	actccacttg	gatgggatga	aactcctgac	atctccattc	180
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gagaaagcag	attgaatttt	tttagaaaag	aatatgtaaa	actgtatttc	ttctccagct	480
gtacttttccg	agccctacat	tgggtctaaat	ggaaggatac	ctttcagtac	cagcccagtc	540
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<210> 441

<211> 599

<212> DNA

<213> Homo sapiens

<400> 441

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 <212> DNA
 <213> Homo sapiens

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aatcaatgcc	aaaatgctct gtgcctcagt ttctctatct atacaatgag gcaataagaa 540
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<210> 443
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 <212> DNA
 <213> Homo sapiens

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<210> 444
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 <213> Homo sapiens

<400> 444	
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<210> 445
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 <212> DNA
 <213> Homo sapiens

<400> 445

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aaccaatatc	actcaagctg	ctgatccaca	cttgaatctg	taggcttttc	tcaaagtcct	540
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<210> 446

<211> 599

<212> DNA

<213> Homo sapiens

<400> 446

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agcaatatta	tccttcaaaa	ctgaaggaga	aattaagaca	tttccagaga	aaacaaaatr	300
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atcaagacca	tcctgggctaa	catggtgaga	ccccatctct	actaaaaata	caaaaaaaaa	540
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<210> 447

<211> 599

<212> DNA

<213> Homo sapiens

<400> 447

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gcaggtgtgg	gaaagcctac	ctgatggccg	agatcattaa	gcagcgggcc	tctgattttc	540
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<210> 448

<211> 599

<212> DNA

<213> Homo sapiens

<400> 448

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aagggtgaacc	tccggggcag	gagacacagc	actggcctta	gagtcacaaa	gcccgggttc	180
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caagtacaag	tgagcaggtc	atgagtcacc	aagcctcttt	tcctgggcgt	ttttccttcy	300
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gggaaggaaa	ctcacaaggc	atgggtatcc	ccactggaag	aatccagagc	aaaacccttc	540
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<210> 449
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 <212> DNA
 <213> Homo sapiens

<400> 449
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 aggacaaaga caatagctcg tgtacattgc tgccacaagg accatgctga gaactttgca 180
 cacatgacct catttcatcc tcccactcgc cctctgcatg gaagactggt gtccctcttt 240
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 gtatgttcat tcaccaagct gcagtgcctt tgaggacaaa gctgaaggag ctcccgtctc 360
 agaatgatgc catttagctc gagggcctgc tccctctggc ttgatggcct gtccagaagg 420
 ctctgccagt gccagatgt aaacatctct ccagcagcgt tgccacgtgg aaccctcacg 480
 ctgctggtcc ctgagaagcc acacggggaa cttgccttcc tctgccctcc tcccaggccc 540
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 <212> DNA
 <213> Homo sapiens

<400> 450
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 cctttgtgta agcaagccag aaccctaaac acagaccag gctgagggag agaaggggtc 180
 tgcagctgct ttcagggacc agatagcatg aggagggtag gaaatctttg ttgctatctt 240
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 aaagaaaagt tgataaattt ttttcccg ataagctaaa gggtagatgt ggggcagcat 360
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 taagtcatag ttgtatatct ccctactcct agattcctcc aaagaaggat tcaggcttag 480
 ttgccctaac tcaaaaggaa cctctctccc ttggtggcat gggtccaggc cgctgtactt 540
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<210> 451
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 451
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 cacataatcc tcttctctcc caggggctcc cgaaagatta ggcttcactt gcaggctcca 180
 ggccctggtc ctgcagagtg gttgggcctt tggggtctct cagagagcct aatcattctg 240
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 tggaaagtgt attgtggtca tctataccct gtccccttac aggactccct gtcccacggg 360
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 ctgattttct gtacagctac tcagtgaact ggaagggatt ctttgcacta acaagcagtg 480
 cctccacaaa caatgagttg aggggaaaga ctcaaaagag gccgatacaa tgctgtttgg 540
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<210> 452
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 452
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 ccatctgaga gagatttcag cacatccatc ccccccgaga tccagaaccg tatcaagtcc 180

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gggaagagta	agattttacaa	taattgggta	catagcatag	ctgactgggc	tgcacagtgt	360
ggcttttggg	cagttctggc	attctgggtg	gaaagctgca	ctgaagaggc	agagaaatgc	420
cagcccagat	ggcagacatg	gtgcatttaa	aaaggcagtg	tggtatagat	cctcgctcct	480
ataaacgcgg	gcctggaacc	tgcagcagga	gcatacacctg	ggagcttggt	acagaagcag	540
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 <212> DNA
 <213> Homo sapiens

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gttccacata	cataaaaaaga	aactaaagtg	tagagaaggg	aggaaagtcc	cgaatttagt	180
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tgtgttgaga	cccaaattcc	tctgagtcca	cgggccctt	caagtcagat	gaaattccar	300
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tctcgtgggc	tgtgcctcca	gaagacggag	gcggggagga	gccccacagg	cccagggcag	420
tgtcaggttc	ccccctttct	gtcagcaggg	atggaagagc	ctttaagaaa	atggagtatt	480
attattatatt	gtttgttttt	acagtgaactc	agtctgtagt	aactgggtta	aagtccgctt	540
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tgggcagaaa	tgggatgtgt	atgtccctaa	actgccccca	aagacctctc	tgcactgtay	300
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gtccagctc	ttccaccat	gtgacctgcc	ttcctgcttg	tccaccttcc	tgtctgggtc	420
ccagactcag	tttctactct	ccctcccagc	aagctgggac	acacaaacat	agacatatgt	480
tatgttcaca	caaacataga	catatgttca	cataccctc	ccagcatcct	gactggccca	540
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catagagaaa	gctgaagagg	ggtgcttgct	tctgtggatg	acctcttccc	accagtgca	180
gcgacactcc	ccttttgtct	atagctatcc	ttagtcaagc	cagggctgcg	ggaccctaac	240
ccacacttcc	gctgtgtttc	tggatctctg	gtttgcaagg	ccagtggctc	tgtgggcaay	300
acgtatgaaa	gaggactgct	gttggaggaa	agttccattt	aggttgctgg	tgggaagtta	360
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ccaagagaag	ccatagggat	actgtgacct	ttgtctagag	ttgatggggg	tgtgatttgt	480
gaaataaaaac	aggacgttac	tgcttggaa	aaggaaacgg	aagctgacat	aatggggatt	540
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<210> 456
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<212> DNA
<213> Homo sapiens

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aagggtcatg	gggcattaat	tcagatcaaa	aaaagggagg	aatctatatg	tatccacaaa	180
gatacatggc	aagcatcact	ttttttcctg	aaatatattg	ggctagaaag	ctaatttaca	240
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tgcactttca	tatagtatat	actactagca	tataatatta	cagaatcttc	aggttagaaa	360
actcatagtg	aaagcaatat	acatcttaat	atagtatatg	ctagtatata	atattacaga	420
atcttcaggt	tagaaaactc	atagtgaag	caatatgcat	cttcacataa	tatgtactag	480
tgtataatac	tagcatatga	cagaatcttc	aggttagaaa	actcatagta	aaagcaatat	540
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<210> 457
<211> 599
<212> DNA
<213> Homo sapiens

<400> 457

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cgaaaagatg	atgattttacc	caagggtcatg	tagctaagtg	gtcaaaaaac	taggctgagc	180
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aactctggct	ctttccagtc	ccatggggcca	aagagccaag	acacctcaca	ttctgggtcc	360
caggttccca	gagtcctgtc	aaatgtcacc	aagtccattt	gagtctgtcc	tcctaagggc	420
attctgcacc	tttgatgtga	gcaacattaa	gccagaggga	cagccaaggg	gaggctgttt	480
gaggaatcag	gggatagaca	gagcttgact	cccacagggtg	tgcaggctgg	agctgggggtg	540
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<210> 458
<211> 599
<212> DNA
<213> Homo sapiens

<400> 458

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tacgtcatgc	aaacaggccc	ttggactctg	tctcatgtcc	tctggcttag	aagcagggat	180
gtttgtaatc	tacaaacaaa	aggtcgtctg	gccaaccttt	tgagatgtaa	tctcgaatcc	240
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gtgggcttca	gtctctccca	ggcatcagcc	ctaaccctgt	ggcatggggc	ctgcccagct	360
gcctcccaga	cgtcacacct	tgcaggctgg	actgtgtcag	cagctgcctt	gctttccttg	420
ctggaaacct	aaacctgctt	tttaaggagc	ccctcaaaac	tcttgaaata	agatgtgggc	480
attgctcact	tgccctgagc	tgcccttgct	agctgggggg	ctgcttggtt	tgctctcttg	540
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<210> 459
<211> 599
<212> DNA
<213> Homo sapiens

<400> 459

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aagaagggtga	acctggtcta	tttcccatag	aattgtctga	ttcatcccct	ttgttagtaa	180
ttagaagaac	aacgtcaagg	ccaaatttca	aacagcaagt	cagcagcaaa	tccaggcaaa	240
cccctcaaac	ttgagcactg	cttgtcttgt	atgccctgtt	atgccagctt	cattcaaatk	300
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<210>	463
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caagtgggtca	tctcccattt	ccatctccac	atttgagata	agaatacctg	tatcttttct	180
accacccaca	aacaaacaag	caaaccatgg	gactcccttt	gaaaaaagtc	aatatatcca	240
agaaatcact	atttctgaat	gagctcaagt	agagagaact	ttctcttaag	agggttccgn	300
tggaaattgc	cagctgaaaa	tacacaggta	caatgactcc	cacgctggag	atgaagggtc	360
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tgatgtttta	aaaggcgaaa	gattttacgc	atttgaagag	aaaccagagt	ataccaccat	540
gatgttttaa	acatcatatt	ttatcaaata	tagttacaaa	attaaccgtt	accaccatt	599

<210> 464

<211> 599

<212> DNA

<213> Homo sapiens

<400> 464

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tccttataga	ttctggatat	tagaccttg	tcagatgcat	agtttgtaaa	tattttctcc	180
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atagtttgag	ggcctacatt	taagcattta	atccaccttg	agttaatttt	tatatatggt	420
aaaatgtagg	ggtctagttt	tattcttctg	cctatggcta	cccagctatc	ccagcaccat	480
gtattgacta	gggagtcctt	tccccattgc	ttatttttct	caactttgct	gaagatcaga	540
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<210> 465

<211> 599

<212> DNA

<213> Homo sapiens

<400> 465

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agaattcaaa	gaggcttctt	ttgcacaaat	ggaggggaagg	cactcatcac	acttctcagc	180
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agggaaaggt	ggatggggga	gagagagaag	aaagtaagaa	agagagagag	attgagcact	540
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<210> 466

<211> 599

<212> DNA

<213> Homo sapiens

<400> 466

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gatcactaac	accatagctg	ggaaagatct	taaatcatca	cttgattctg	aaccagagac	180
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ctaaattagt	atccaagcaa	aaatattcaa	cactaagaaa	accagtcaac	aaaaatcaacr	300
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aaactaaatt	tgcttaaata	ctcaaagaga	aataacatct	actttaaaaa	ggatattgtg	420
aaataaagca	ggcagaaata	agaattggca	aatatgaaaa	agaatgaatt	aaaaagataa	480
aatacacaga	taggataaat	tctagacatg	aaatagatga	agataaaatt	agtgaatagg	540

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 <212> DNA
 <213> Homo sapiens

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 ctaggataga agaaaatgag gagaaagaag aaagaagacc ttactctcta aattagttatc 180
 caagcaaaaa tattcaacac taagaaaacc agtcaacaaa atcaacattt gttatctaat 240
 cttgtccaaa agaaattaaa ataattggaac aatctgacta aaactttaaa cttaaatttg 300
 cttaaatactc aaagagaaat aacatctact ttaaaaagga tattgtgaaa taaagcaggc 360
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 gataaattct agacatgaaa tagatgaaga taaaattagt gaataggaag atagtattta 480
 agaagccacc aaaacgtagt gcaagtcaga gttaaggga tgaagatata ctgagaagct 540
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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 tacatcatga ttattcaggc cactacgggc tctgattaca gtgatctttt gttgaaacca 360
 ccaaaggctc ataattgtgg ccctgtgacc ttgaagtggg ttccttggat ttcaaacttt 420
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 cagccccaca gtcttgatcc tgggtctgga ggagaaaatc ctgatgctcc tccactgccc 540
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 <213> Homo sapiens

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ccagcaggaa	agtacagctt	gcaaggaagc	cccatgttgg	caagagaagg	catgctgtcc	180
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ccgtttcaaa	aaaaaaaaaa	aaaaaaaaaa	aagactgctc	ctttttacat	acttattagy	300
gtaattttat	ttgccttcat	ggtttgtgca	tttaagagat	tctttcttac	cccgtgtcat	360
gaagataatt	tcttgcat	cttcaactcc	cttattagtt	atatctttca	catttaagta	420
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<210> 472
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 472						
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gcccttcccc	tctattagtt	caagttttga	cctttctgga	agtgtcgtgt	tccctgagct	180
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caccttgatg	tctgtgccgc	gggaggcgcg	ggctgcctgg	ctcctcgga	gctcagcggs	300
ccccccatgg	gctgtctcct	tctttctcgc	cccctctcct	gaagtgggtg	cccctttggt	360
ctgggctcca	tactgagga	gagaagaggg	cacctgcatt	tacccatcgc	tcacagcagg	420
acaagtaccg	cgctgttgca	gcattctcatt	taaagctcag	aacagccctg	taaaggcatc	480
acctccccac	tctaaaatga	ggtaactgag	acccagtaga	tgactcactc	caagccaaac	540
aaccagtgtg	actttctgct	tccagacat	atattatcct	gcacgcagca	gccttcaact	599

<210> 473
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 473						
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ttagtgaatc	caagacaatg	gaacgcggcc	acagatagct	gggaagcccc	agcggacgam	300
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tctactgaaa	atataaaaat	tactcaggtg	tgggtggcata	ctcctgtaat	cccagctact	540
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<210> 474

<211> 599
 <212> DNA
 <213> Homo sapiens

<400> 474

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ttctggccag	agtgactagg	aggatgttga	tctggggagt	gcctgtgtgg	ctgagggaca	120
cgtccaagct	gcagtcggct	ctgtggttgt	ggacacctgg	cagagccatg	ccttctctag	180
tctgggtcat	ccaaacacac	gtggggtgca	ggggccaggt	ggagccctct	tgtcgttttt	240
gttatctaac	ggtaattacg	gagtcagaaa	agagaattgg	aaatgccggc	agtttaattr	300
aagctgaatg	gcaggagagg	ggcatttgga	ggctccctcc	ctgccttcac	tccccgtcct	360
gccgcccagg	caggatgtca	gatgaggaga	cgttgagctc	atcaaacc	caatgagaag	420
tcttacaaca	tcagaagctg	tctgccaatg	cgcctgcgac	agcttataga	aactgctgcc	480
gcctcgaatc	aacctctctc	cccaggcatt	gcacgtcagt	aggtaaccag	gtaaaggacg	540
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<210> 475
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 475

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tgccgccacca	tgcccggcta	atttttgtat	ttttggtaga	gacgggtttc	accatgttgg	120
ccagtctggt	ctcaaaccct	gacctcaggt	gatccgcccg	cctcggcctc	ccaaagggtc	180
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gttcactttc	ctctcatttc	tgaacactcc	aagggtgtcca	gcttagagtg	gacacatgty	300
gctgaggcct	gtagtgtgtt	tttattttaca	tgagtggat	taggctatag	atctcactct	360
ttaacatttt	catttgaact	atccatttta	aatggaatta	tccaagttac	ggcacatgga	420
actagtctgt	tacttctgtc	tgctgtaaaa	cattctatca	cattcctcac	attttcctta	480
cccagtcttc	tagaaataga	catctaagtc	attgccagct	ccttgctatc	ccaaagaaag	540
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<210> 476
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 476

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gtgtgcctca	ccagtgcctt	tccccaccca	ggtcattgct	gtggtcatgg	acctcttcac	360
tgatgggtgat	atctttcaag	acattgtgga	tgctgcctgt	aagcgccggg	tcccagtgtg	420
catcatcctg	gacgaggcag	gagtgaagta	tttctcggag	atgtgtcagg	acctgcagct	480
cactgacttc	cggattcggg	taagttgcac	cactgggggtg	gaaagtggac	aggagatgag	540
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<210> 477
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 477

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cgcattggca	gacagcttct	gatgttgtaa	gacttctcat	tgggtgtttg	atgagctcaa	240
cgtctcctca	tctgacatcc	tgccctggg	gcaggacggg	gagtgaaggc	aggagagggar	300

cctccaaatg	cccctctcct	gccattcagc	tttaattaaa	ctgccggcat	ttccaattct	360
ctttctggac	tccgtaatta	ccgttagata	acaaaaacga	caagagggct	ccacctggcc	420
cctgcacccc	acgtgtgttt	ggatgaccca	gactagagaa	ggcatggctc	tgccaggtgt	480
ccacaaccac	agagccgact	gcagcttgga	cgtgtccctc	agccacacag	gcactcccca	540
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<210> 478
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 478	
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ctccacctgg	cccctgcacc
tctgccaggt	gtccacaacc
aggcactccc	cagatcaaca
cctccccacc	gaccaaattc
tctcaggggt	aatcctttct
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	ccctccaat
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	120
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	300
	360
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	480
	540
	599

<210> 479
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 479	
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tgggaggtgc	tgagacgcag
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catctagcat	cctatttact
tccgtaaaaat	gaaaagctgc
ggtggctcac	gcctgtaatc
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	ctggccaaca
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	taaaaataa
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	300
	360
	420
	480
	540
	599

<210> 480
 <211> 599
 <212> DNA
 <213> Homo sapiens

<400> 480	
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tcctcctgcc	tcagcctccc
aatttttgta	ttgtagagat
agctcaagca	gtcctcctgt
tgtgcccagc	ctaccttggt
agtctagagg	cctcatcacag
tagcttgagg	gagagtgaga
ttttatttta	ttttaagatg
atcttggtc	actgcaactt
tgagtagctg	ggattacagg
	cacccgccac
	cacgcctggc
	taatttttgt
	atttttagt
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	300
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	599

<210> 481
 <211> 599
 <212> DNA
 <213> Homo sapiens

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<400> 481
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tcttgccctca gcctcccatg tagccaggac tactggccca tcaactgcgc cagctgaggt 180
gggacttatt gcccatattt cactgatgac aagacaaaagg ccagaaaaat aaaaataact 240
ttcctgggga cacacagcta atattaggaa agctggattc attcccagga ctctgtgatr 300
tgaaaagttca tgctgttatt taccatctct gatatacctt ccatgcaaag tttggtcagt 360
ggaccagcac tcctagcatt acctgggggc ttgctagaaa tgcagagtct cgggcctcac 420
cccagacctt ctgaatcaga atctacattt taacaagccc cctggctgca caggaaaatt 480
ttggaagcac tattgtaaac cactttctac cagggatata cgagtactaa ttaagtcaaa 540
gaagtgttct cgtttaatcc ctacaccaac gtgggaggtc aggagagtta agcattatt 599

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<210> 482
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 482
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gctcaggcga acttcaagat ctcaacacct ttctttttgt tgaaagtcaa gcctttaacc 180
ttggctttac tgtaactac tgaatcatat gccagtttc aattttatcc ctaggctgct 240
gagactgaag gaggagagctc tgggctggtc ctgggggtgct tagcctgcag aatcactgay 300
gtcaaagtga gggctgttgt tctcttcttg ggccttttga gaagaggcag gaaccacct 360
gggcttgtcc atgcctgaag caagatttgg ggaacttctc ctgctcgcca aagagggttc 420
cctatggaag gctgtaggaa gcagagcgtc tagtgaagac aggagcctgc aggcagggtc 480
catacacaag ggggctcttc ctctgcagaa gcaaggacct ggcacggagg ctggcccaac 540
ccaggtgaca gggccttctg ctcttcccaa cagaacatcc gtgtccgctc tgtgacagg 599

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<210> 483
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 483
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tcatttagct ttgctgggcc tctgtttctg catctctaac atggggataa ttcttgccct 180
cttatttcca caaattgttc tgagaacctt gttcaaggct atgagaaagc actttgagaa 240
gggtgagtga tgcgtgcagt aaaagggtt tctctgaaga agggctaatt ttgagtgcac 300
ggatcggtgc cctgtgtgcc atttcgtttc gttaatccaa cctcagcac cttgcaaagg 360
aagagatatt ttccctgagg ctccgggaaa gcataaggtt gcagaactca gaagaggctg 420
ggggagattc caccagggtc tcagctcaaa gtggtgtcca tccacggcag ttgcccttgg 480
gaattgtcct ctggggccat ctcttctctt aaaacttgca gaaacattca aagtctgtat 540
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<210> 484
<211> 599
<212> DNA
<213> Homo sapiens

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<400> 484
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ccagtttcaa ttttatccct aggtgtctga gactgaagga gggagctctg ggctggctct 180
ggggtgctta gcctgcagaa tcaactgatg caaagtgagg gctgttgttc tcttctgggg 240
ccttttgaga agaggcagga accaccctgg gcttgtccat gcctgaagca agatttgggr 300
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gtgaagacag gagcctgcag gcagggtcca tacacaaggg ggctcttctt ctgcagaagc 420
aaggacctgg cacggaggct ggcccaaccc aggtgacagg gccttctgct cttcccaaca 480

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gaacatccgt gtccgctctg tgacaggcgt cggcttctac atgcccattg ggaggatcaa 540
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<210> 485
<211> 599
<212> DNA
<213> Homo sapiens

<400> 485
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aatgacagt gaaagcctgc ttatcaggat cattatttgt tgtgtccct tattaggatt 180
cattatttgg aaaataagta tagagaggac agtttgggtt ttaagatat ttagtatgtg 240
acatttaatt atttcttaat ttttaaaagc tgacttctgt cttagtctta catgatttgs 300
cctcacatgt gtggatgaga ttttaaatat gtgagaatca tagctagtta taaaagagtg 360
ccgggtattt gcattataac aaaacacctt tatttgtgta taatttatat acatcatata 420
tataaaacttc acccagttta gatatacaat taaaacatag taaattgccc agttgtggta 480
gctcacacct agaattctcag cactttgaga ggctgagatg ggagagactgc ttgaggccag 540
gagttaagag accagcctgg gcaacacagc tagaccccat ctctaaaaaa ataaaaata 599

<210> 486
<211> 599
<212> DNA
<213> Homo sapiens

<400> 486
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ctataaccaa tccaatatat tcatgtttca tatctcaact aagataattt ttagtacatg 180
tgtaaatatg gaagtagtta ttgtaatgtg gaagtcattt gtgaatagat gtgcatggta 240
agcaaatgga acgttatggt taccatgtgt taggaaataa aatcattttg ctcaaaaaaw 300
atctagaatc caciaaggtt tgactccag ctttgccact tattggctgg acaagttagt 360
taacttctct tagctgcac tataaaatga ggataatacc acctaattca taagagtga 420
tgtgaggata aaaaagaaac agatacaacc tcttacataa aggtgctcaa taaaacagtc 480
tcttctaate agctctgctg gtccctgcct atttgagaag cagtcaagta aatgggtgcc 540
agtcttctga ccgaataggc gcacaggcaa cgccatcctt tcccccaaca ctgtactct 599

<210> 487
<211> 599
<212> DNA
<213> Homo sapiens

<400> 487
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cattcattca agaaatatga gggcctactg tatgccagat actctctgtt tgttgctggg 180
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taactgattt gattgttccc ataattcaat tcatgtattc aaatggcttt tttttctttc 360
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tcaatgcagc ctccgcctcc caggttcaag ctattctcct gcctcagcca tccgagtagc 480
tgggactaca ggtgtgtgcc accacgcctg actaattttt gtatttttag tagagacgaa 540
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<210> 488
<211> 599
<212> DNA
<213> Homo sapiens

<400> 488
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gcaagatcaa	accaagaact	ttgggttctt	gactaccaga	ccactactgg	gatattagct	240
gcctaccaca	aaaaggcttc	tgccctcaag	gaattaatct	ctgacaccta	atgccttgay	300
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acatacactg	aatctaata	agatatttat	agaaaaaggt	tatttattaa	tatcactgac	420
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aattaggaca	gagtgtctaa	aatgtatctg	tcactttggg	ataaatacct	cattttgtct	540
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<210> 489

<211> 599

<212> DNA

<213> Homo sapiens

<400> 489

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ttactgttca	ataagtaatg	ccatggtttg	aatatgtccc	ctccaaaatt	caggagtgtg	540
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<210> 490

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<212> DNA

<213> Homo sapiens

<400> 490

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aggcagaggc	aaaccagaa	gactttctga	ggtggagcta	cagaatggaa	gcagcaacag	540
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<210> 491

<211> 599

<212> DNA

<213> Homo sapiens

<400> 491

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cagaagctac	acaatatcac	catattctct	tgggttaagg	agtcacagag	gtttgcctgg	180
gttcacgggg	agtggatggg	acgtagaccc	caccattcaa	tgggagaagt	ttcgtcacat	240
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tctccatgcc	aagcatgtga	taggggtttt	aagaactttt	tcacttattc	tgcaggatcc	360
tattatccta	attttactga	tagggaagct	gagggttaggg	aagatgaatt	ggccacacag	420
ccaagtggca	gaacaagttg	tcaggcccag	gccttcttgc	ttccacagta	acactgtata	480
aagggtgaagg	tagatttctt	cagaaagtcc	tgaataacta	tgggaaggtt	atttgtgtag	540
gtcataaaac	aggttaattaa	atatctcatg	aaacaggcga	ttactacttc	aaacatttta	599

<210> 492
<211> 599
<212> DNA
<213> Homo sapiens

<400> 492
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ttcaacgcgg agaactgct ctgtgccagg cccccacctg ggaggtgtgg gcaaccttcc 180
tgcccttcgg gtgtcagag tctagtctgg agacaataag aaaaatggtt aatcaccatg 240
gaatgtgcta ggccttagc ccgaagcagg ggtctggtta ttgaggtttg ttgaaggaar 300
atgcctgtaa gggctgggtg cgggtggctca cgcctgtaat cccagcactt tgggagacca 360
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<210> 493
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<212> DNA
<213> Homo sapiens

<400> 493
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tctgaggatg agagggaaag gcctgactca cttcaagtag ggaacagagg caataagaga 540
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<210> 494
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<212> DNA
<213> Homo sapiens

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<210> 495
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<213> Homo sapiens

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aaactcacag agaagagggg cagagcaact cagtggaaaa gcaggtgtgg tttcaaagcc 240

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<210> 496
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<400> 496						
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gttattggaa	actaacagaa	agacgatcct	cgttttacag	tagcagaaag	gttagctaaa	480
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<210> 497
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 <212> DNA
 <213> Homo sapiens

<400> 497						
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gcactat	gacaagatga	cttcattaca	ttccttgaac	tttattcatg	cccacaaaca	180
ctacaggat	gctttcctta	tgattctcaa	tcctttttct	atggtgttca	aatgtgttcc	240
aatttttaaa	ggtggaattc	tatttgtctt	ctagagt	tctctaagag	actgagtgay	300
ggatatttag	aagtccacac	gctacgtata	agagacctga	ataaatttaa	atatgatcat	360
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<210> 498
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 <213> Homo sapiens

<400> 498						
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<210> 499
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<213> Homo sapiens

<400> 499

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gagagaataa	gagtggtgcc	tgccatgtga	ggtcaggata	agtttaggac	tcatcaatct	240
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catagcacca	gttcttccat	ttatctattg	ctgtttactg	atcactccag	aatttagcag	360
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gtttccttag	atgtcttggg	gttgatgggtg	gctgtcagct	gggtcccacc	tgggactgtt	540
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<210> 500

<211> 599

<212> DNA

<213> Homo sapiens

<400> 500

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gggatattac	ataaacttct	tgattgaaaa	acttcttgct	tcatgaacgc	aaaaatttaa	540
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<210> 501

<211> 599

<212> DNA

<213> Homo sapiens

<400> 501

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gagaacagag	agtgcagagg	gtgggtgataa	ttttagatag	ggtacacaga	gaaggccctt	540
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<210> 502

<211> 599

<212> DNA

<213> Homo sapiens

<400> 502

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taaaatttta	gctatttgac	tcaaaaagat	aaaaatttaa	aaataaaaatt	tgataaagtc	360
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tgtctgagcg	taaaagctac	aatcagcta	aacttggttg	aatgggttaa	aattctcaag	480
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 <212> DNA
 <213> Homo sapiens

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 <213> Homo sapiens

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tatctttgag	360
taaaacttac	420
caggataaag	480
taagctcttt	540
cagagctcta	599

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<400> 505	
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tgctttgtgt	180
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tagagtgggc	300
aggaagtcac	360
agtgcctgct	420
tgatacaaa	480
ttccccctatt	540
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<210> 506
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 <212> DNA
 <213> Homo sapiens

<400> 506

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gctgagaact	gcaccatggc	aaaagacatc	aagaccaaaa	tcaagaacta	caggactgcy	300
ccttttgaca	ggcgcttccc	caaccagaac	cagaccagga	atggctggca	gaaatacctg	360
gacctccacc	acttcaagaa	ggcaatgact	gctaaaggag	gtaatgtatg	gccgggtgca	420
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caggagttcg	agaccaacct	ggccaacatg	atgaaaccct	gtctctacta	aaaatacaaa	540
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gagtagccat	tgagctgaga	actgcacat	ggcaaaagac	atcaagacca	aaatcaagaa	180
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atggccgggt	gcagtggctc	acgcctgtaa	tcccagtact	ttgggaggcc	aaagctgggtg	360
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ctaaaaatac	aaaaattagt	tgggcacgat	ggcagctgcc	tgtaatctca	gctactcagg	480
aggctgaagc	acttgaaact	gagagatgga	gtttgccgta	agccgagatt	gcaccactgc	540
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taccaaaaca	cattcataat	ggcaaacgcc	ctcagaatct	tcaggaaaat	accttactct	240
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<210> 511
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 <212> DNA
 <213> Homo sapiens

<400> 511
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<210> 513
 <211> 599
 <212> DNA
 <213> Homo sapiens

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aaccaggtgg	acgtctcact	cagtaggtat	gaggtctggc	acttgagcaa	gtggtctggc	540
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