aagcaaggcg gggaaaacca aagttcagga gagcatttgc aggagggcgc 41136592
tgcggggtag ggtctgagtc ggagccccga atcggactcg agtcctgtcg 41136642
cgtggggacg gagcgtgcag aggcccatgc gagggacaga cacaaaggcc 41136692
ctgggagctg caggtcagac cactggacag cgcggccgcg gacctaacgc 41136742
ccctgtaagg ggtgctcacg cttgggggga actctccgaa agaggaggacc 41136792
actgaaagcc accctggcag caggggcgga acagacagac gtgggtctgg 41136842
ccgtcgccag aactgcctgc ggaccagccc cgcgctgccg ggggggcggg 41136892
acatgtcggc tgtccatcag tgcccgcgac caatccgcag gcagccccgc 41136942
ccccgccccc cccgggagag ggcgcgcgga ggacccgccg ccgccggtgt 41136992
gaggcggccc gtcctggctc ccttgtccgg gaagcccgcc caggtaactg 41137042
agtttggccg ggcattcccg gaggacgcgc catcccctca cgtcccgtcc 41137092
cggtcgctgc atgggcggtg ttcgggacgc gggggctgcg tctgtgcggg 41137142
accgcggggt agcggccgcc cgtgcgagta cgcctgactg acgcgccggc 41137192
cgccgggcct gcggcctgtg ggcggggctg ccgtgcgtga cagggccgct 41137242
cgtggccgcc gggctgtgtc cggggccgcg tgagaaagct ctgcgggact 41137292
gagggctggg tgggtcgacc gggaacggcg cgcgctcccg ccgccatcgc 41137342
gcctccgtcc ccgcctgcgg cctgtctggg ggtcgcgggg cgcaggcgcg 41137392
gcgggccgac gggcgggggt cctccccacg ggtgcgcggg cgcctttgtt 41137442
cccggcgccg aagcggggtg gggcctcagg gcagccccgc cccgccgcgc 41137492
tgaggccccg ccccgtgtcc gcctgcagga gccgccgccg ggtcccgctc 41137542
GTCTGCCGCC TCAGCCTCAG CCCCAACCTC AGCCGCCGCC GTTGCGCTTG 41137592
CTCCCGGGCG GTCCTGGCCT GTGCCGCCGC CGCCCCCAGC GTCGGAGCCA 41137642
TGGCGGGCGC CGCGTCCCCT TGCGCCAACG GCTGCGGGCC CGGCGCGCCC 41137692
TCGGACGCCG AGGTGCTGCA CCTCTGCCGC AGCCTCGAGG TGGGCACCGT 41137742
CATGACTTTG TTCTACTCCA AGAAGTCGCA GCGACCCGAG CGGAAGACCT 41137792
TCCAGGTCAA GCTGGAGACG CGCCAGATCA CGTGGAGCCG GGGCGCCGAC 41137842
AAGATCGAGG GGGCCAgtaa gtgcgcccac ttcctgcctg ggcccgcccc 41137892
gcgcgggggt cgtgggagcc cggcccgact gcttgcaccc cggccggccg 41137942
ccccagcgac ttgggcaaac tttcgggccc tcccagactc cctccgggcc 41137992
ccgcccccgc ttcgtctcgg gtggtcactg ggggcggggg gcatccgggt 41138042
cctcggtcac ctgacaggac acccccccctc ccccagctgg ggggagtgtt 41138092
ccaggcgctt tgccctgagg cctaaaaatc ctcgcgggct ggagacctgc 41138142
ggtgcaggca tcgggccccc cagaccctgg gagtggtggc ggcgtcggcg 41138192
aggggagcta aggcagtggc ccccaccctg cacgggaacc tggggcctga 41138242
ccagacggtc cccgcccact ctttatccag aaagagcagt ctgtgaaact 41138292
ctccgggccc ccaggctggg ctcttatttg caaaggaatc tttgggttcc 41138342
ctaagtagaa cttaggcaga tgttgggtag ggctggtctt ggagcagagc 41138392
tgggcctact catctccctc tgggggagag ggaggaaggt ggtcttgttt 41138442
ggtttggaga agcctgagag aagccagtgg ctggaatttt ttttttttt 41138492
tttctgctac ttttgtccca aagctgggtt ttggaggcct atgtgggtgg 41138542

gcagacactc aatgccaggg cagggactcc ccttgccctg ggaagcacgt 41138592

tcccaggaga tgggccccat aaaggcctgc cccagcgcct tggagtcagg 41138642

tattcttctc aggagtgcag ctagtttgtg agtctagccc tttgtcctct 41138692

gtccggtggc ttcagggagc gggagcggct tctcttagtt tcctgccttt 41138742

tcgccttccc aggcctgagc ttggctgctt ttgcgctggt ctctagtggg 41138792

aggagggagt tgggggattt tgaaaaaccc cagatctttg agagttgttc 41138842

cacttagcgc gtgcctgtgc tgtggtcgga tgggcactct gctctgccct 41138892

ccattccccc gcctctcagt gtgaagagat ggtgtgtctg caactctaga 41138942

ctgggttgct tcttgcaggg acccccggag actagggtta gagagaccca 41138992

ggctcagaac caggtctgtg tgaaggaggg agatcaggaa gtgacacccc 41139042

aagggggggt cccacaaacc ttcttgggta tggtgtgcat gtgtgtagat 41139092

agttgaggag attgggagga aggaaggtct tgtggtgagg cagccaacca 41139142

tcctcagcta caaactccag atctgacaca gatctaatgc agctgctcaa 41139192

cttagaaatg gcagcccccт tcctcagtgc ccccactgac cctgtcagcc 41139242

attgggagaa cattttagtg acttgagagc ctgtggattc caaagtaaag 41139292

gaagaatcga cactgcaaag agctgagata accctgggaa catcactcag 41139342

gcatcaggct ccaggcatgg tccccttcct tactccctat gctgtgttga 41139392

gttggtggca ctggctggaa gttctcagag atctcctggg taacagactg 41139442

cattttaaac cacgcatatt agcaggcaat aaatgtagca cagtggttga 41139492

tggcaagtct ggatttgaag cccatatatt cattgtgtgt ttcccggcca 41139542

gttacttacc ttctctgagc cttgatttcc tcatgtgtaa aatgggggta 41139592

ataatatatc cagtatatat ggttgctcca ggatcaaatg agacaattca 41139642

tataaaacat ctagcattgt ctgacacata aatgtttaat aaatatgagc 41139692

tgttattagc aataacatta acaatagacc gtggctgccc ttcaagaccc 41139742

tgaactggga atggtgaggg ggtgaggtgt ggctataggt gaggatgaag 41139792

gtgcaggaag ggaggaggac ggtgaccaaa ttcacatttc acttagattg 41139842

ctactcagaa aaaggcagga aacagttttg ttttgcccca acccatgtgc 41139892

ccactcaccc acccaccatg tagaacagtg tttctgtaga gaaagtgttt 41139942

gcagttgtgc acatttgact cctgggtgtg acctttcttg tttgtaagtt 41139992

ggggcctgaa cagaaaagag gggtgcagag aggggatgat ttatcatgcc 41140042

tcatgtattt gggggatgga ggcaggcata cagaggacct gataaccccc 41140092

tacccagggg tgagcaggtg ggtcagccag aggtgtacaa attcagtgat 41140142

ctcatcagtt agctgggatt taacaggcct ggagagtagg cagaggatgt 41140192

aggaggaccc tggcttttgg attttggggg ctcagattga aaagagcctg 41140242

gatgaaaagt ctggtcgatg cttgtgtgtt cagacttaac taatggaggc 41140292

ttccactgaa gccgtgccct gcttctaccc attcgtgggc tctccttgtt 41140342

ggtgggttct gatccctgcg gcctctgagg aggttggact gccagccggg 41140392

ttttctgcca cctggactct tgcccaagca cctcaggtat ctggcctttc 41140442

ctgctgaccc taccagggta ccagcagtgc ctgaagcctg gcctaagaga 41140492

gagacactgt gctaccttca gggtgttggt agacctgagg gagagacagt 41140542

gtggtttaag gagcactcat actgatatgt aagaccttct tctgccctga 41140592

ctctgtgccc tctcttgtca gcagttgtga aatggagctg acacctcctg 41140642

atttctaggg tggtcatttg gctcaaaagc ggggtgggga agtgcttagg 41140692

tgttgacaag tttggttgtc ctggtggtat gacaggaacc aggttggtgt 41140742

ttggcctttt atgttgcaga tactgacata aatgaataaa atgcagttat 41140792

gtagagttcc agctgagtgc tattgagacc tttcgtccca ttttacagat 41140842

gagcaaatgg aaatggagaa tcgtttgtgc ccaaggtgtt gtgtcagtgt 41140892

gtgccagggc ctcagctggg gccagctcac tagtcagagg ctgactagca 41140942

accccaagcc catgttccct gtggtccacg tggctcctct gtgagacacc 41140992

tttgtgctca gaccatgcat tacagggcaa agaccacttt ggcttttgta 41141042

tcccaagaca gcctcagcct ctctaggctc tggctccaca ctttttcttc 41141092

tggtgttttc tgagttgaga tggttcagac tcgtgtttaa tgaggttgtc 41141142

catttgaggg tctttgtggg cccagtaaac actggtgtag acactgtgga 41141192

ggtactctga atactggctg agcatgtcca tggggacttc tgaggcccca 41141242

ggcttctgtc tttggctgat ccttcactag atacttttct agatgccagg 41141292

ccctctgagg tgaaggagta tgggtgcttg cttttaggga aatgaaaaca 41141342

ggcaatgaca attgtgagca gtacctttga tgaagagggt gagggtggcg 41141392

gaagaaaaca gctaactgcc ttgatgaggc aggcgggctc agaagggagg 41141442

tagtagtgga accagctggc tggggcttga cccctgtggc tggggagcag 41141492

accacaccag gaggcctgct ccgagggcta ggcccacagc acgggagagg 41141542

gcaaggccca ggccggtgtc atcaagggtt ttctttgtac tggctgttac 41141592

tcccagtggg agaggggcag gagcacatgt ccggatctcc agagctagcc 41141642

atccctgcct gtgtatttcc tgtctgatgt agtttttcc aagggaagtc 41141692

agaccttta gtgtttcctc agcaccccag gcttgccccg atgtgtgggt 41141742

ttccaggccc ccccgcccag ctgggatcct ctgtttcctg tgaacctagg 41141792

aaaagggcct gcttcacaga taactggagg agctgagcac acccagtcct 41141842

gggacccaca acacctccag cttctctcca gactcttgtg tgtgtgtgta 41141892

cacagatgca caggattcag ttggagttta gagatcttgg ctaccagctt 41141942

tgctctgggt agcttcttgg aatgaggcac atttattaat atttgcaata 41141992

agtattatta tacctcccca tttgcccagt gctaggcacc aaggattcaa 41142042

aagtttattg agacatggtt tgtgccattg atgaactctt ggaaaagaca 41142092

gatgtagagg catatgatta taaccctgtg tgttacatac cataatataa 41142142

aggcctctac caagaactgt gaggagctct gccaggaagg cattaaagga 41142192

gaggtgacct ttgaggtagg ccttgaatta ctgaggcacc tgtctgtgcc 41142242

gaggctaagg aactgggaat cactctgtgc aggggtaggg aacagatatg 41142292

gtgtggtaga gaggaagctg ggactggttg gagacagcta tagccctagt 41142342

gtgccatgtc cagcagatta cactcagtcc tggaggcgac gggagtcagc 41142392

ggaggctgtt gtgggactga cttgcctctg cctgggagac cacagtggca 41142442

gtggtttgtc aggcaggtgt tggggaggga ggccagtgag ctcctacggt 41142492

ttgcacagtt tgcaggagag agctgctgag ggcccagaca agaccttctt 41142542

gctgaggcag ggtggggatg ccatggtggt agatgggaga agggctgggt 41142592

cttgaggggt gagacagagc ttagtagtta agcatttggg ccctagactc 41142642

tgcttgaatt aaaatcctgt tgtgcagctt acttgctctg tgaccttaaa 41142692

gcatatgact acctctctgg gctgcttatc tgtaaaaagg atagtattaa 41142742

atggcattta ttttataagg tttttgtgag gatttgatga gaacctgtat 41142792

aaagtgctta gcacctgtat aaagtgctta gcatggagtg tggcacagtg 41142842

taagtgctta ctacgtagga tccctgacag gacagagatg aggattaagt 41142892

tctcaggagg acctggtggg gaggagttcg aatgcacctg ctgtcctaag 41142942

gggctggtgc ctggccacca agccctttga ttcagaggca aggaggcccg 41142992

cccatcctct cttgcagctc tcagcagtcc ctctattgtc agggctcttt 41143042

cccactgctg gttttgcagg gagacagggc agttggctgg aagcagctgc 41143092

tttgggtggt aaccccttct gtagagtgaa ggtatgatat tgtcctattt 41143142

ctaagtgcct agcccaggac gctatctgga gagatcttgt ctttgaggaa 41143192

gtgctctaat gccacagcct cgatgtggta gggcctgcct ctgctgtcac 41143242

tgttctgtgt cagtctccgt taactcacag catctcttct tactctgtgc 41143292

cttttcctgt gggatgtggc ttcaaggaga ccacagatga taagttggag 41143342

gaagggagtg aggcctgaga ttgcaaaggt gtgatattag gagactgatt 41143392

tttccccctt tccacttgct ttgttagaac tagagaagtc actgcagact 41143442

gtgaggagag tcctaggaga gatgggtgtg ggataggagg atgggaatgt 41143492

tctggtgccc cttgtagagt gccttgttga gaggagcatg ggaacagtgc 41143542

gtccttggag ggaatctctg agagcagcat gtttacaggt ggcaagactc 41143592

aaggtggagc cacgggtgag gagtggcttc aggctaccat tgaccagata 41143642

gtcccacctt gctggtaatt gagctgaagt gcctggagat ttgtggctag 41143692

agctggtcag atttgggttc aggtctcagc tcttactgtg accttgggca 41143742

gattactttt ccctgtctga aattgatctt tagctgtaaa agtaatttct 41143792

cctcacagag ctgtatatta ataataaggg agattatata taagagtaag 41143842

agattttatg tgaaaactac ccagcacaac atttgtcact tagtggccac 41143892

ttaacagtat tcatttcctt tactctcacc tttgttaacc acagagctcc 41143942

aatcttttcc accactaagc tcggccacaa gtggctgctc caacaacctg 41143992

ggctaggagt ctgtttccta cttgctttct gtgttccttc cctgagtctg 41144042

tacacagagg actggggcat caaaaaactc tggaattgga atagcatatt 41144092

gggagttcat ggaacatttt ctcacctgtt gtattgtttg aacttcacag 41144142

cagctccatg aatccatgga gggcaggagt tactatccct ctcttacaga 41144192

ggagaaaacc aagccctaag ggtaaggtca catagcaagt tcatggcaga 41144242

tcctaggatt tcagattcct gctatagtat tcagtttatt ctcccattct 41144292

ggggaaaatg ataataggat ggaccgttct ataggaacag agggttattt 41144342

tgttttgttt tgtttttctt ccctctggcc acatgtgttt gaccagccta 41144392

gacttccatc tgtggacaag ctggactcat tgcctcaatt tcaaaacccg 41144442

tcctgcactc atccttgcca caacaccggt gtcgagatgc ttggcccacc 41144492

cagacctttc ccacactcct acatgggggt gaatgtagcc gctgattggg 41144542

ggtgggacac agaagagcct caccctcttg actttctggt ttgtggtgac 41144592

acttccgcct aagcttctac agaacatggg aacctggggc tccatgcccc 41144642

aaatatcctg agaagggctt ttccaggatt ctctatgaca actcaagagc 41144692

atgcattcat tcatgtgctc tttaatttgt catacatttg ttgtgggcct 41144742

tgctactgtg tgttgggcac actgagctgg atgtgattac tccagcctct 41144792

gacttgttca tggtggcagt agatctctag cgtggtttgt gttccatctc 41144842

accataccta ctctccttaa aaaaaaacaa aaaactagct ttcttgggcc 41144892

tcagtggctc attgaataag tgagagacga cttgtgcttc cctggcttta 41144942

gactctggca tttgctaact gtgccaagca ctgtggagac cagtagtgga 41144992

cataaggtta gggtagatac agccagaaag gagataaata ggcagacaga 41145042

taaaattctt ataggatttg gtgagttcta tgaaggaaat aaggcaagag 41145092

gctgctctgt cagggtaggt gagggtgtgc tgtgataaca aatgatgccc 41145142

acatatcaat ggctggcaac aaggaaggtt aatttcccct gtttgctatg 41145192

tgtgctaacc tacaccaccg tccctggaga gtggcctcag tggttctggg 41145242

tgaggcctct agtacagaac ctgaacaccc tgggcaaact aggctggaga 41145292

gggatttgga gtatggaggt ttagaaggaa ttaatttcta tgacttagga 41145342

tgcatgtggt gagtgtggct ttgctgttgt ggtagagtag agtgctgcct 41145392

gtgtgggtca agagactgtc ttggctgaca tctttgaaat aggtatattt 41145442

gtgtggccct tgcctaattg tcatctctgc catagctgcc cccgccttcc 41145492

ccaccaaccc atggccctac ttgagctgcc tgctgagcct actctgttgt 41145542

ggccacagta tcctcctgct gcccagagtt tgagtttctc gctacttctg 41145592

ccactcatca cacttgcttc ccagagcttt gctgggtgtg ctgaagtctc 41145642

cagagaaagt ggggaatatg ggtgcctaga gacttctagg gggtgttttc 41145692

agcccctaga gagtagagaa gtgtgagaag gggttggtcc ccgaatattc 41145742

tgtagttttg gggaagaagc aatggggaca gtggagttgg ttgccttaag 41145792

agaggctatg gtcccaagag atgggacttg gagagtctct acttgcattc 41145842

ctggctaagc ccttaatatt ctcgcacccc tccttgcaag actagttcct 41145892

tttgaggtgg ttcttggcta gcttttgaga ggctgcagtg gctgtgtgcc 41145942

caggcttaag tcctagcttt ctccccactc tttacctcct aggaaccggg 41145992

cccatcctgg gggaggcagg gaggagctcc tttttatagt ccacatgtag 41146042

gctttgtgta taggctctgc tgcttccttc cggccctggc ccttcctggt 41146092

gttggccggt ggccctggct tcagcaagac tcaggatgca gagtaaacgg 41146142

ggcagggcgt tctcctacag aagactggca tccctttta ctgagcccag 41146192

gcctggcaca gaggaggctg gagttaggaa gcaagaaaac gaggtgaccc 41146242

agtccttgat cctgagaagc ttgtgatctg gaccatgcag aaaaccgcta 41146292

atgcccaggg ctggcaggag acagctgtgc ctaaagtgct gtaggctggg 41146342

cctgagggcc aagatggaat cgcttttctc cctgtagcag cccatcctac 41146392

cccctggggt ccctccacct gccagctggc acacaggtgt tgggtaaagc 41146442

atctgtacaa aggctgtgag gggcctgggc gcaaggcagc aaggcttggg 41146492

tacggaggag agtgggtggt cttactgatg ttctgggccc tgacagtgaa 41146542

cagctggcca aactggtgag gagttgggcc atggcgagtt tggccacttg 41146592

tttgtgtgtg tttagttctt cctgggcaca ggtggggagt tcactttggg 41146642

gttggcttcc tgttttcttg gacacctggg gatatggttg agttaaaatg 41146692

ttctgaggga aatgattgtt gagggcatgg gcttgggtca tagtgtcctt 41146742

ggcttggcct tgcccatggt aggagtcggg tattgaccac actgggttct 41146792

ggctgtgtag gtgtggatgt gtggtgggag aattccaacc ccaccttgac 41146842

ttcagcctaa ggcccagaga gtgtgggcct gagttcacag ggtgactaac 41146892

cctaggaagg agtgaaggag agctccagtt ggccataggt cccacaggtt 41146942

tctcagctta cttgggggca ggaggtgagc taaggaatac aactccattc 41146992

cctcagttgg gaggttgggc agcgatgggg gcaggggtga tggtccttct 41147042

ctgaggcact gaagacccac tttatggtca ccctattctg cctgatagtc 41147092

caccacctgt ttggaggcag ctcccctctt cctgccctag tcacttcctc 41147142

caccttcaac agtaattgag tataatgtgc ctgtgttagc ttgtccatcc 41147192

taactgggac tgtggccttt tcttgggcgt tcttagcata tctaccaagg 41147242

aggttggaaa aggtaacata tgtcactttg ttaaggattt tgctgagggc 41147292

cttttgaggc cagcagtgaa acacagagca ttccctccag tgagaacaga 41147342

atgtctgttg ccagactgat cacaagagga tggcctggtt ctggcctgag 41147392

aactggtcta caccggaagc atgaagctcc atacaatcat gtgtgctagt 41147442

aaagtttggg caagcagctg tcctaagcag gtaaaacgat aggttattca 41147492

acttcaactt cagagaaaga aatccaaggt agccatctct ctcagtaggg 41147542

gaggtgagtt caaagaattt aagctgggct gggcacggtg gctcacgcct 41147592

gtaatcccag cactttggga ggccaaggta gggggatcac gaggtcagga 41147642

gttcaagacc agcctggcta agatggtgaa atcccatctc tactaaaaat 41147692

acaaaaatta accaggcgtg gtgtcaggcg cctgtaaccc agctactcag 41147742

gaagctgagg caggataatt gcttgaaccc gggaggcaga ggttgcagtg 41147792

agccaagatc gcgccattgc actccagcct gggtgacaga gcaagactct 41147842

gtctctttaa aaaaaaaaaa aaatttaagc tgggctttct gggcaggcag 41147892

tgagtgaatg agatccctgg caccttggag tgagatcaga gtctagatca 41147942

ctcactgggg ccctgtttcc caggaagcaa aaagggaaca ggagagtggc 41147992

ttggcttggg ctggcatggc gcaaagggag tgcagccaga tgctgtggcg 41148042

gctgggtcaa gtagctctaa aacaggagag cctagtgggt tctgctgaag 41148092

caggatgtct cagcaagcag gcctctgacc tgacgacttc cggtcattat 41148142

ttagaacgtc tccagcccca cagatttact ctgttggagg cttaaggact 41148192

aaaccaacat ttactgtcca agaggtggca gtaacacaga aaccaaagag 41148242

gcaggaacca aggttggggt ggtgagatgt catggggttc agggagtggc 41148292

agaggggaag gcctctattc tccctttccc acttgtctcc ctacctcagc 41148342

ccctgttgct ctgacgcttc ccccaccact atgagtccta ggcccctgtt 41148392

gtttccttgt aggagggaga ccccagattt ttatttcttc tcccaaccca 41148442

ttccatttcc tctcccttgt gagagggctc tgcagagaca gggcagcaga 41148492

gagagacttg gagatatgct gggctgtggt caggagggcc tcatttatct 41148542

agtgagcagg aacaggttat atagcagtga tgctttcata gtatttttct 41148592

tgaataaggt ccccaaaacc ttattaagtt cctggtaggc atggagcatt 41148642

gaagatggca gacatggtgc agtctctcaa ggagtttacg ctctagtgga 41148692

gaaaacaatc agacagcctt aaaatacatg tatggctact ataataaata 41148742

ctgtgaagca ggagtgcacc acgaaacctg gagtcctctc catcctcccc 41148792

ttctgtctgt gctggccctg cttggccact tccaacaagg attctgaggc 41148842

attacagagc acacgtctag ggtacaggca gtcttggctt tgaagtattg 41148892

ttggctttgc cactcaccaa ctgccacctt aggtaagtta attaacctct 41148942

ttgtgctcaa tttcctcact cgggaattgg ggaccctaat acttacttca 41148992

tagtgttatt tgcaagtata aaatataagg cagtttttat cgttgtaagg 41149042

cagtcttatc aagagcttta tgcaatgtct atgcaaagta aatatgcaag 41149092

aaattagtgt taggatgcca gatgctgctg ttgctcatcg tctcttccca 41149142

cccagcagag gtagtaacta cttcatcctc tacttctcag cttcttatag 41149192

tatttgtctg tggactctaa cgtaagctat ctagcataat actcatatct 41149242

aatttttcct tccacattca agctccttga ggtacttgta ttccaagtat 41149292

ctagtttaat gtctctcatg taggtgctca gaacgtatgg ttaattttga 41149342

ataataaagc cagtgggact tctcagaggg ctggattggg ggctggtgag 41149392

agaaaaggag atgcgaagga tcattctgaa gtttggagtt tgggtacctg 41149442

tttgaatggt gatgctctta gctgacccag ggggtatggc aagaggcctt 41149492

ggttctggtg agagagagaa gacagtgttt ggttttgagg agttgtcttt 41149542

gagacgtttt gagatgaaga gtggggatag caagtaggca gctgaattga 41149592

aggatctgaa gcttaagagg agaggactag gctagagacc tgtttgtgaa 41149642

ttatctgtac ataggaggta attaagggtg tgggcatggc tgacactgat 41149692

gaggaagaag gcagagcacc ggaagagagg accttgacct gagccttgac 41149742

caaggccatt gctaaatgca ggtaggcctg tagcgcacaa agaagcatga 41149792

aaaccaggca aggttgtgca ggagaaatca agggcagagc ttcaaggaga 41149842

gagggcgtga tcaaccatgt tgattgctct gaggtgtcag gaaggaggac 41149892

catagataag tgatttatgg gtcaggcacg gtgattcatg cctgtaatcc 41149942

cagctctttg ggaggccaag actggcgagt catttgagcc caggagttca 41149992

agaacagcct gggcaacatg gcaaaacacc atctctgcaa aaaatataat 41150042

cagcctggcg ttgtggtttg cctgtagtcc cagctacctg aaaggccaag 41150092

gtgggaggat cacctgcacc tggggaggta gaggctacag tgagccctgt 41150142

tggtgccact gcactccagc ctggacaaca gagtgactta tgggccaggc 41150192

atggtggctc acacctgtaa tcccagcact ttgggaggcc gaagtgagag 41150242

gatcacttga ggccaggagt ttgagacaag cttgggcaac atagtgagac 41150292

cccatctcta taaaatataa agaaaaattt taaaagtgac ttatacccat 41150342

tgctctggtt ctccaagtag cctgagtgta ctatgtgggg gagcatttta 41150392

tgagggactt ttgaggtcct gggcatccct gagacatggc cctggtgggt 41150442

ccccagtctc tctcctgtag ctaggagcct ggcatacaca ggccatctag 41150492

aaagaactta ggcagcatca gtctgcaagg gaggcagagt ttggagcaca 41150542

ctagactcct gacacagagg ctgacccatg gctgcctgga gaatcttctg 41150592

ggcttgtgca gaaaagttgg ggaaagccac ctttccctac tgtggcagtc 41150642

aaggcttggt ataggccatc ttccctccct tctcatccat gatactctga 41150692

atgccctgtt tgtggaactt agtggactcc tgcacctctg tcttggtttc 41150742

catgaacccc tctgcccaat gtgtgcttgt cagccctcca gacctggctt 41150792

ttacagagca ctccaagaca ttgctctaca cacactcagc tccacagaca 41150842

cctccctgtt gttctactcg ttgcatgacc tcatagttat ctgcttcccc 41150892

atctgtttcc tccatcaggc aggggttttc tcaaaggcag gaactcaaat 41150942

gccttattga tctctgtttc cctaggaccc agcccagggc ctgacatgga 41150992

gtagatagat gcccgataaa tgtttgatca gatgatggaa tgaatgactg 41151042

cataagccga atagatcact gctgagtgct cttccagctt taatttctct 41151092

gggtgggacc tcctttccct tccttccttt ggattctgtt cttacctctg 41151142

aaataggtga gattaattta gagtcctagg gaagagggct gcctgcctgg 41151192

atggtacaaa ggctggctgt ggctgctctg tgtttctctg tatacccagt 41151242

gtcagggata gcagctgctg tggggacact gcagagtgtc ccagttctgc 41151292

catgactcac catatgacca tgacaagacc ctttggaccc tctgtttcct 41151342

cattgtttca aagagatttg tctagaatct agaccaagct tgtccaactc 41151392

gctgcccgcg ggtctggttt gaaggcagct gctgcacagt aatgggaagg 41151442

acagtaagcc ccaccatcgc cttccctttg ccatataacc ctgtgacctc 41151492

agaagtccct gaacccagat ccttgtttgt aaaatggaaa gggatagcta 41151542

cccacccctc cactttgacc ttcctttggt ggcagccaga tgtgctcagg 41151592

gaaacctcag atttgtgagt atgtttctac tgagaggcag gaggaggaat 41151642

attatagtct caggaagagg gaggaatgag agggagagga gaactctcac 41151692

cctttccaca ggctttgggc atatgcagcc agcttggaaa tgctgaccat 41151742

cctgtgacct ggctactatt gcatcaggct tccttcccac ctgtgtccag 41151792

gtcctatctt tgtctcttct ttggctacct ccatcctttt ccttcagagc 41151842

tgcaaaaacc ttgccaaagc cgtatggtcc tgatgggtgc agagcccctg 41151892

tgcctctggc tgcctgtgaa gggggatctg cagtgcagtg cctgccgtac 41151942

cccacaggga gttgtatagg aacctgggga tggggtgact gaggtagggg 41151992

gccagaagtg gcccagatga tactcacttc tgctggaact tttctttgtc 41152042

catctttcag catcctctgg tggagaaggc ttagctccat taatgctctc 41152092

ctaggtcctg gctgtgtatt ttctttggta tgggagtggg gaactgggag 41152142

ggactcatct gtttgccaca gactacatgt ggagagggtg attggtgaga 41152192

ggtcattttg gagatctaca cacctcttct gacccctggg accactctcc 41152242

tgaatctcct catggtcttg gcttcgggcc cagcagggcg tgggtgctcg 41152292

gcatcctgct gcttttactg tttttcccaa agctctgtta gcttcccgtg 41152342

gttcccactg gctataggaa tctttatgta aggacttccc agtgtttcca 41152392

gactgtattt gcccccaggg gtcacattcc ccccaactat gcctgctgct 41152442

gctttttctg ttcccgttgt tacctcactg accactgcat tttcagtatt 41152492

tgttgtagcc cctcagcctc tgtggcccac tgtgccacct cttccaggaa 41152542

gccatccttg ataccatctt tctggtacca tttttgagca tctgtggcct 41152592

ttgctgcctg ttagataatt agctctggaa tctaactccc atgtgtttac 41152642

tcctgctctt aagtactctg aacattttga ggcctcccca ggccctgggt 41152692

ttgtgttgga ctggtaggga atggagagaa gagtcaaatg tggtttcttc 41152742

cttggaggag ctcataggcc agtggcctaa gacaccaggg aagcaccagc 41152792

aggtgtgaca agtggtgaca cacaagagag gagggggcac ctagtgtgcc 41152842

cctggcctgg gcctggtggg ggcttaagtg aggaggtagg agtggcttgt 41152892

gcaaaggctg aggcaggaag gagtatgggg agacatgggc tggtgtctgt 41152942

gttgtgttaa ttggacttgg acccttttga ggagggctgg gctttccctg 41152992

ccttcctcca gtgccctctg cagagtgggg cacacaggcc ttgaggggtt 41153042

ctggggtcca caggccacag gtgggggtag taaaaacccc cagaagggaa 41153092

ggaacctgtc caggaaatct tcgcttacct ctttcaagct ctttagattt 41153142

taaagagacc tttcatattt actatgagtt gcagtttttt taagttacaa 41153192

aatttcttta ctccatgcat gtttaaatgg atagtttttg ctaccattta 41153242

catcaattag cttacacact ttgggttttg tgtttttgtt ttgtgttttt 41153292

agagaaagga tctcgctttg ttggccaggc tggagtacag tactgtgatc 41153342

atagctcata gagcttccta ctcatctgca gcctcaaacc cttgggctca 41153392

agtgatcttt cccaccgcct cccaagtagc tgggactaca ggcatgtgct 41153442

accatgtcta gctaagtttt tttaattttt atttttgca gaggtggggt 41153492

cttcctctgt tacccagatg ggtcttgaac tcctggcctc aagcagtcct 41153542

cttgcctcag ccttctaaag tgagcgtatg cactttataa agggaaaacc 41153592

ctctctgaag agaaatattt cagacagggc atggttgctc atgcttctaa 41153642

tcccagcact ttgggaggcc gaggcaggcg aatcactgga ggtcaggagt 41153692

ttgagagcag ctggccaaca tggtgaaacc ccgtctctac taaaaataca 41153742

aaaatcagct gggcatggtg gtgtgcatct gtaatcccag ctacttggga 41153792

gactgaggta tgagaatcac ttgaaccccg gaggcagagg ttgcagtgaa 41153842

ccgagattgc accactgcac tccagcctgg gcaacagagc gagacaccca 41153892

gacccagaga aatatttcag tgaaagcatg tttcatgttc agaaatttgg 41153942

ggtacttttg gttatggttt tcttggccat atcttcatca tttggtgggt 41153992

ttagttttca atatgtcctc ctgtcccttt ctgattaaat cacttctgta 41154042

tctcttacct cattggcatc tcactgtagt ccaatgaagg aggtgccagg 41154092

agtggtgatt ctattttgca gatgaagaaa atgaggctca gagagatggg 41154142

tccaggcctc ctgcccacct tgccagtgct tttgttcata atacctctct 41154192

acacccttt tgcctgctga gcggttaaca ggcttataaa tttgggggac 41154242

ctctgtctgt tgggctattt ggaagtggct tttttgagca caggggatac 41154292

taggacacag gttccaacaa gaaacttagg tctaatttag ggtcttggat 41154342

ttgatgattg ggctccctct ccccttctta gggcctgcca tgtgtctgcc 41154392

ccctagggca ggattggctg gctctcactg gctgtgctct gaggagccct 41154442

gcctttgctc ttctctttct cttccctagg gttcctgctg tccttgaact 41154492

ctgccggggc aacaggaata ctgcccttat gcacatcctc gtggtggcca 41154542

gacagggtgg ttatcccact ttactggaca ggaagagagc tagtggcagg 41154592

cctgtgactt ggcctgatgt ctcgggggag tcggggtggg agcaagagtc 41154642

aaagacagga agcagcccta ccttcagaag agccaggcac acagatgggt 41154692

cctttgtggt tattgtcttc tccctttccc aggttccaga ctggctgccc 41154742

gccatatagc ttgtcccttc gacagcaccc tctctcccca ctcagtggat 41154792

tgggtgctgt cccagggtgg gggcttactc tcctgcagag gcaggttctc 41154842

agctggccct gagggttgta tagcttcaca gctcccagag tgcttgggca 41154892

tagggtggct cagatgagga aacaggctcc tcttttaaag ggaaagcaac 41154942

tgccattact ggcatgtcca aaaggggat gctgtccagg actgcatggc 41154992

ccagaagctc cgctctgagt aactgctggt ctctaatctc tgtggtctca 41155042

ggccaggagt ctgtccctgg gctgagaagg gaggggagaa gagggaagag 41155092

atggaaaagg aacattgctc ttcccagtct ccctggcctc gtcatataac 41155142

cttttatttt acaaattcag tcttgtggca ttttgcttta atgcttagag 41155192

ctggccccag gtgccaggca gcaggcacat ttccttctgc ccaaaaaaca 41155242

aaacacacat gaatctgagg ttgggcgtgg taagggcagg ccaaggctga 41155292

ccgtcctatg tggatatctg tgaggtagtg tgcctacatg taagggtctg 41155342

ttgtgggtct actcccacga aagccttcat cttacgatga accagagagg 41155392

actgcagact tgccaaggcc tagctatatg cttggagcca ggatttgaaa 41155442

cttgatcttt ggggatgcac gtgcctcaga ctattggtga gtgtgctggt 41155492

ggggcactgc aggctcagga agcagcgtgt ctgcatatgc ttatctgtac 41155542

acaagtctgt aagagtcccc cttctcccca tacaatgccc ccatccctgc 41155592

caggcttctt tttgagctgg cgaaatagct gcttgtattc ttctcttcat 41155642

ggatcatctt tatttcaccc aagtttgggt ttgcacctag tggagccttg 41155692

gcaagtggcc ttatttgtct ccactactgc cagcttttgt aggctccatg 41155742

tcaatggcac taggcacaca ggtagacagg tgggctgtct ccagacttct 41155792

ctattaccag cacttcccag catggccctc acagcaacca tgtgaggtaa 41155842

gaggaatttc cagtttcctg atggggaaac tgagaccaaa agagtgaggg 41155892

actgccaagg cctcatagct agaatttaag agctgtgtgg ttctcctcac 41155942

taagctggga aggggatggt cagggaaagc ttcttgaaag agcaggagaa 41155992

ggcagatctc catcagggca gggagcagag caaggcccca ggattctgcc 41156042

tggggcacca ggaagcctgg cttatgagaa ggttctcagt cctcagagct 41156092

gacatgtgat atacagtcca ggcacaggtg tgtgtggtcc ctcattactt 41156142

cagagcccct taagaaagac tgaatctatt tcttcatcag agtttgtgag 41156192

cgattcaata taagggacta aatccccctc actgccccaa gcagcttatc 41156242

ttgtcactgt ctaccatagc cacatttgga atggtaatgc ccaggccatt 41156292

cctgaagccc aggcagcatt cactgtgggc ttggggacat ggtgccattc 41156342

ctgaagcctg ggcagccatc accatgggcc tggggacgtg gtgctgggca 41156392

gaatgaatat gctgcagccc tgatgggctg tgctggctgg gctttgcctt 41156442

cttgggtcaa ggcgagcctg ggcattaggc ctttgtcatt atgctataca 41156492

tcaggcttct gggctgctac ttgtgggatc ctgcccttgt tctcaaagag 41156542

ttcctccttc tcactgcccc atcttcttca tagtgacggc ctcttcgtac 41156592

ccctggcttt tcttttcccc agagttcccc tgaatgttgt cctctcatgg 41156642

ttctgagttg gggaggagtg ctaggtcatg gatttttggg tataacgtgt 41156692

gactttccta ctcccctaag tagttctccc cttctcaagc tcctaagttc 41156742

tgggaaggtc tcttttcctg ccctcctgac taatggcaga gaggtctgac 41156792

ccagactgtg ccagactgga tcattcgctc tgtcacctgc caccagggca 41156842

gaggccattc ctctctgggg agtctccttg tgaatttctg gggaccagct 41156892

ctggctctct caagaaagag gatgctgcca tatttgttct gggaggcagg 41156942

aagatgaagg gtgaggttgg gaggtagcac aggatgtggc tttcaagaac 41156992

ctagtagagc atctcactgt gctgccaggg ccaggctggt gccttcttac 41157042

ggaagacagt acaagggatc aggtgtggcc aacaggaact tgggagcatt 41157092

ggatgcctgg cgtggagctg cgctatgctt acctggttcc tatctcaggc 41157142

acctgttctg ccttcaactg atctcaatgg aaatatgtgc aggagtgcag 41157192

gcctgttgac tctgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgta 41157242

cagtcacact caccttttgca agaaggtgtg ggaggggggat gacagcagct 41157292

ccacaccgga agagcagact ggtttctgtt tcaaaaggca gagtttgtgg 41157342

ttgttctgca gtttctgatc tagccatttc ccctgatgga agctcctcct 41157392

tctgtcattg gaagccctgt gttctcggtt aggtctttta tggcccagtt 41157442

ctccctgccc ctgtttctac ccgagtataa ctgttcattt ttgttcccca 41157492

tccctatttg gttttccctc cttctgcctg tgtacctgcc tttttcattt 41157542

cttcagtcat taagcaagcc ctggaggggc cctgcctggc cttaggtatg 41157592

tgagcatgta tgtacgtgtt tgtatgcacg aggcatcaag tgtattagta 41157642

ccacaggaag gagcttctca gttgggccct tggtggaaga gaagggagcc 41157692

ggggaggtgg acatttccag actaggaatc aagatgaaat agggatggga 41157742

agcaacagct attcttgccc taggtgtggc ttagtgtgga tggagcagag 41157792

agggtgagag ggcaaaagct ggggaggtaa attcctgagc cctgtcacaa 41157842

agagccttca aggccataga aggtgtttgt tgtttgttct ccttagactg 41157892

gcagtgggca gcctcgggag gggcttgaat gaggtctagg ggggtcagaa 41157942

taatgtttta tgaagagcca gaagactggg gaaggatggc tgatgggtga 41157992

gaaccagggg tcagggaaaa cagcagaaaa ggcaggactc tcagctggag 41158042

gacaggctgg aggggtttgc tgaggggaca ggtggttcca ggtagaacca 41158092

gaaatgtgtc ggggagctag ggttagggcc agaagcaatg cccactgttc 41158142

caggtgggat agatgtggag ttttgtgaca gttgctagag ggacaggaca 41158192

ggaagagagc atctgggggа gttgggccgt taggacattc caggcaggtt 41158242

ggtgtgcagt tcgggctgga agggctcctg gggtgggggc tggccaggca 41158292

aatgctggca ctgcatctgg ctccgaagtt accaggccag tctgggttta 41158342

gaggatttta agaggcttca gagcttgggg agtactcaaa gaaagtcata 41158392

gctgttggct aagccaagct tttttccttt gacctaatct accttaaatc 41158442

ggtgatttct gggctggaat gtctgccctc cagccagcag gcagcccctc 41158492

cctgtgctgg agagtgtgtc agagcctgtg cacctttgct gagggagcag 41158542

aggagtccat tggatgggcc ccctccatgt cccacatata gtgctgggtg 41158592

tttctagctg ttacgacttt tgatcttacc aacatctttc tgatgctatt 41158642

gtgttactct tatgttactc tcttcacagg tgtagcagtg aggtcagagt 41158692

ggctgtcact ttattgagat cacatagcta atgtgaggta gagctaggat 41158742

tttagttcag ccagtctcac ccagagctcg tgcatgtttt ttctaccacc 41158792

ctgccttcta gagaaactca gtcaagccct ttgctttaca catggtaaaa 41158842

ctgagactct gagaagttaa ataaattatt catcattgcc tcaagtttta 41158892

gtggctgagg gcaggtcatc tgctattcaa gcccgtgtac ctctctgact 41158942

atgccttgtg aaggccacgg gagcatgcaa gggccttgga tagctaagat 41158992

aaggaaatgg tcccaggcaa aatggtggtc tgggtccagg atggttgctg 41159042

ctcttggaca gccagtgcct tggtcagggg atggggtggg gattaggccc 41159092

cttgctgaga cttgtgtggg gatggcttta gcagttaggc atttcaggga 41159142

tgcaccagtc ctctgggcca gagcctactt tctcccaggg atcctgaggc 41159192

ccatcttgac ctacccagcc ctgcctctgg gactttatga tttgatttgt 41159242

gtgtaccttg tgtcaggaag tggtcctcat gaacagcctt gggtccctat 41159292

ttcttcttct ggagtctagc tcttttgcag gtcaaaatgt ctcagtgagg 41159342

gaacaaagat agggaaggga caccccacag aaccaccttt cccccatata 41159392

gccctctctg acatctcagc ccttacttag caaaggccta tccctagact 41159442

caacccagcc ctcttattac cagagtgact gagtggtctt ggctctgcct 41159492

ctggggttcc tccctgagag agagtgtaag aatgaggaaa ccaggctgcc 41159542

ctcctttcgg tgttgactct gggagacccc agcttgatct tggcctcttt 41159592

gctaccttcc tagTTGACAT TCGTGAAATT AAGGAGATCC GCCCAGGGAA 41159642

GACCTCACGG GACTTTGATC GCTATCAAGA GGACCCAGCT TTCCGGCCGG 41159692

ACCAGTCACA TTGCTTTGTC ATTCTCTATG GAATGGAATT TCGCCTGAAA 41159742

ACGCTGAGCC TGCAAGgtgg gagttaaggg ggtagaggag gtagaggata 41159792

gttaggggaa tgcctgctgg ctcctgccca gtgggaggta tgtgccctcg 41159842

gggcagctat tgataccttg ctcacagCCA CATCTGAGGA TGAAGTGAAC 41159892

ATGTGGATCA AGGGCTTAAC TTGGCTGATG GAGGATACAT TGCAGGCACC 41159942

CACACCCCTG CAGATTGAGA Ggtaagaacc actcctgaag gggttagggc 41159992

tgggagcatt agggaccagg gggacaggga cagcagacct ttgtgtgccc 41160042

agacatctcc caggcctgac tgtagatgga gaagtggccc tcacctcagg 41160092

cttctctctc cagGTGGCTC CGGAAGCAGT TTTACTCAGT GGATCGGAAT 41160142

CGTGAGGATC Ggtaagtact gagctgtggc tgtagcccag cagggtgggg 41160192

atgggcatcc agaaccttag ccaggcctct aagtagctgc ccggagagcc 41160242

agaggaccca ggggacctta agtggggcca ggagggtggg cagaaggttc 41160292

tgccacgtgt agctttctgc acaaagtcct ctggtggcct tggtgtgagc 41160342

tggtgagagg agccagccac atgctgtgtg ccctgccact atgggcagag 41160392

actggatgtg tagaactggc tttgggtgtc ctggaggtga gggtggccag 41160442

tagcgtgtga agggtgccct gaaactctgg ctctgagacc tggtatggca 41160492

gccagagggg ccaaggagag aaggggggagc aaagaccaga tagtgtgggt 41160542

gctgcaccat ggtgaggtcc tttgacctga aagaaatggg aagccatgga 41160592

agggttctga ggagaggagt gatgtgacct gacttgggtt actcaagatc 41160642

actctgcctg ctgtgtggag agctcagtta ggagctgttt ccacactcca 41160692

ggtgaaaaat gagagggctt ggatcatgat ggtaatggta ggaagtggct 41160742

ggattttggc catgttgtat tttgaagata gcgccagaaa gaatgtcctt 41160792

aacagattga ttttggggtg tgagaggcat tgaggataat agtatgctgt 41160842

ttggcttgag caactggaaa acagagtcac cattgactga gatgagaaga 41160892

tcatgggact agcccatttg gagggaagct tgggttcagt tcgaggcatg 41160942

ttaagttttc tgatgcctat tagctgtcca gggagagatg ttgagtaggc 41160992

aggtggttag agtgagttta ggtacataca cagtaggggc tacagatttt 41161042

aacttgggag tatgtagata acactgaaag ccacagggct gggtgagatc 41161092

acctaggggg caagcagacc aagaaaaggg cagggtccag tggctgatcc 41161142

cagaccaccc ccatattaga gattggaggg gtcagggaca actagtgcgg 41161192

taagaggaga acccccagag tgttgagttc tggcagccca aggaagaaga 41161242

cagtggtgaa atctgaccgt tgacccttgg atttaacatg gtgagaagag 41161292

cggtgtcacc ctagcggtga ggggctcaag ggaatgagag ggagcaagat 41161342

gactcttgca aggagttttg ctatggaggg gagcaaagaa gagggcagta 41161392

gctggagagc taagcagggg caagacaggt gtttttggtg gaagaagtaa 41161442

caagctgttc gtatgctgat gggaaagaga ccacagaggg caagatcggt 41161492

gatgcaggca gttgcaacca gaaggcctct gtttcctcac tggaaaacaa 41161542

ggaccctgat agcacctacc tcctgggtga ctgaggatca gaggaggggg 41161592

cgcctatata gagccagccc tccctccgca gtgcttgatc cactcagtgt 41161642

ggcgctcagc cccctcgggg aattttggtg cctcctccca ggctcttggg 41161692

gcccagagga ggtggtccca ccctcccctc ccctccttga caccaccttc 41161742

caggagagaa agccccccccc ttccccctttc ttgtccatcc tgttgccagg 41161792

tccagcagtg tccccagcct cacatcctgg gcaggacacc cctggagagc 41161842

aggggcgctt gttctctcag tttctttcct ggagccaggc cctgtctagc 41161892

cccaggaggt gcccagttgc cagtcattgt atttggtgga gcatgcacct 41161942

cctccttcct ccctctcatg ggttagtggg ttctgaggac caaactccca 41161992

gcatcccagt gggcagcagg tagggacctg ctgccatgct gcccccaaca 41162042

gggaagttgt gagtgagccc tgccttctgt cttggatagg ctgactgcca 41162092

ccttggcaca ggcctcagca gtgccggtag gaggggaggc ctggagtgtg 41162142

gtttttcttc ctcccatgcc tgacccactt tactgaatct gttcacatct 41162192

tccttgccag aattacaggt ttttttttgtt tgttttgttt ttgttttttt 41162242

ttttttttttt tttgctcaga tgaggaactg aggtccaaag aaaggaaggg 41162292

actaacctca ccccatgggt tctgatccag tcttgccctc aggcctccag 41162342

gttcccagaa tagtgttgtt tacctgtcca gccccaggtg ggctcgaccc 41162392

acaggtcaga ggtcatgaga agctggatga gaccactggg gatgtccctg 41162442

ttttctcagT ATATCAGCCA AGGACCTGAA GAACATGCTG TCCCAGGTCA 41162492

ACTACCGGGT CCCCAACATG CGCTTCCTCC GAGAGCGGCT GACGgtaagt 41162542

gccacccagg gctgtctgta gatgggggca ggggaagcca agagcccttc 41162592

agctgggggc ctgactgcct gactggcact cctgctctat accatgcagG 41162642

ACCTGGAGCA GCGCAGCGGG GACATCACCT ACGGGCAGTT TGCTCAGCTG 41162692

TACCGCAGCC TCATGTACAG CGCCCAGAAG ACGgtgcatg agccacctgc 41162742

cctccctcaa cccctgcccc tgctcttcca ccccacaccc cagctctgcc 41162792

tgcctcagcc ctgctgccct gcttaggggc ttttgggtgc catttctcca 41162842

gttcttctcc tcttgaggcc tgcccccatc tgctgctcta gcctgccttc 41162892

ttactagccc atttcccaca tggcctccca ggggtcttgc cctgaccagg 41162942

ttctgtttcc tgcagATGGA CCTCCCCTTC TTGGAAGCCA GTACTCTGAG 41162992

gtttggtttg gagtggggag gtggggtttt ccctgggccc ccttcatctc 41163042

tccactgggc gattcttgat ccaggtggga ggcagtggga gtagggaacc 41163092

atgctggacc attctgggaa gctgtgctgg ctgggagttg ggttctgcct 41163142

tccgtggggc accttgttgt ctgttgacca tactagctag cttaccttct 41163192

ctccctgcag GGCTGGGGAG CGGCCGGAGC TTTGCCGAGT GTCCCTTCCT 41163242

GAGTTCCAGC AGTTCCTTCT TGACTACCAG GGGgtatggc tgggctgaca 41163292

ttggcccagg ctggtaggtt gtgggggggct gggctcatcc ctgactggag 41163342

gcttctctca tcccctgccc tccctacccc atcagGAGCT GTGGGCTGTT 41163392

GATCGCCTCC AGGTGCAGGA GTTCATGCTC AGCTTCCTCC GAGACCCCTT 41163442

ACGAGAGATC GAGGAGCCAT ACTTCTTCCT GGATGAGgtg agcccgatgt 41163492

ttcacccatt ttttgtcaag agaatgagta ggggtgacca ggaccccacc 41163542

cgggctccag gagctagacg ctccttaggg atgccacctt gtttctacct 41163592

actgtgcacc ttgcccaccc ccagttggga cagagcactc tctctcctac 41163642

ccccaaccta ccatcttggg ttggacaggg cagggactca ctgtctcttc 41163692

ccttccacat gtttctggac agTTTGTCAC CTTCCTGTTC TCCAAAGAGA 41163742

ACAGTGTGTG GAACTCGCAG CTGGATGCAG TATGCCCGGA CACCATGAAC 41163792

AACCCTCTTT CCCACTACTG GATCTCCTCC TCGCACAACA Cgtgagtgtg 41163842

gctccttcag gcccacccag cttcttcccc aggagggccc atctgaccat 41163892

acctacctgc ctctccttgc ctatccagGT ACCTGACCGG GGACCAGTTC 41163942

TCCAGTGAGT CCTCCTTGGA AGCCTATGCT CGCTGCCTGC GGATGGGCTG 41163992

TCGCTGCATT GAGTgtgcgt ggggtccagg gctgggggag ggaagatggg 41164042

aggcctgccc gcttgaccat ggtgatgttg ctccccagTG GACTGCTGGG 41164092

ACGGCCCGGA TGGGATGCCA GTTATTTACC ATGGGCACAC CCTTACCACC 41164142 p.(His380Arg)

AAGATCAAGT TCTCAGATGT CCTGCACACC ATCAAGGAGC ATGCCTTTGT 41164192

GGCCTCAGAg tgagtcggag gctggatgac ccaggggtta acttggctcc 41164242

aggtctctcg ttctagaggg acagagggca gaaagactcc tcaaatgccc 41164292

tgtcccctct ccctcagcct ttcatctttg tccttcctct tggcctctcc 41164342

tcgtcacctg ctccctgctt gagctgttgc ttcccaagtt acactttctg 41164392

tttcctacgt gttgggccca ctctcttctt catgggtcct ttagactgta 41164442

gaacacatgc tcttctcatc ttcagaaaac atgccctggt ttctttaggc 41164492

cagtgtcctg ccaactcctt tgccctcaca gcccagaaga ttgtctctgt 41164542

tccctgtgtc ccattccttc aattctgttt actgcttaaa ctgtggtcac 41164592

tggtctccct tagctcacca gggctctaac agctaacttt ggaggcttct 41164642

cctctctcct ggcctctttg gtgtgaaaca tttttcttgc actgctgagc 41164692

agcctccata attgggccag ctcgggactg catcagttgc cacccttgg 41164742

tttccactgc tgccacagct gtagaacccc tctctgcccc accagtggct 41164792

atggcctgcc tcttttctgg gatagttttt acagacaaga agcccccagg 41164842

cccttggctt ccaacagctc actgtgaggg gctacttaga cccagagaat 41164892

tgcagaatct gtttcactgt gcttgtcccc catcccgcag GTACCCAGTC 41164942

ATCCTGTCCA TTGAGGACCA CTGCAGCATT GCCCAGCAGA GAAACATGGC 41164992

CCAATACTTC AAGAAGGTGC TGGGGGACAC ACTCCTCACC AAGCCCGTGG 41165042

AGATCTCTGC CGACGGGCTC CCCTCACCCA ACCAGCTTAA GAGGAAGATC 41165092

CTCATCAAGg tggggtggcg ggcttattgc ggaagcccca cacttctcag 41165142

tgccttgccc aggccatggc ttcagctgtt gggcctaaac ctgggtgagg 41165192

aggtggggtg aggactgggg tctgcattgc cctgttctgg ttgcccctac 41165242

agCACAAGAA GCTGGCTGAG GGCAGTGCCT ACGAGGAGGT GCCTACATCC 41165292

ATGATGTACT CTGAGAACGA CATCAGCAAC TCTATCAAGA ATGGCATCCT 41165342

CTACCTGGAG GACCCTGTGA ACCACgtgag gactgggcca ggctgggggt 41165392

ggtaggccag tgggtgtgag gaccctggct cacaagtccc tctttggtct 41165442

gttccagGAA TGGTATCCCC ACTACTTTGT TCTGACCAGC AGCAAGATCT 41165492

ACTACTCTGA GGAGACCAGC AGTGACCAGG GCAACGAGGA TGAGGAGGAG 41165542

CCCAAGGAGg tgaggaacca gctcaggtct gggggctggg ccaggtcagg 41165592

cctgggccag ggtcacagta tctttgctgt tgccttcccc tgacagGTCA 41165642

GCAGCAGCAC AGAGCTGCAC TCCAATGAGA AGTGGTTCCA TGGGAAGCTA 41165692

GGGGCAGGGC GTGACGGGCG TCACATCGCT GAGCGCCTGC TTACTGAGTA 41165742

CTGCATCGAG ACCGGAGCCC CTGACGGCTC CTTCCTCGTG CGAGAGAGTG 41165792

AGACCTTCGT GGGCGACTAC ACGCTCTCTT TCTGgtaaca cttcccatgc 41165842 p.(Leu597Phe)

agatgcgtat gttcagtcag cgtgtgtaca cagacatcac atcacccaga 41165892

gataatcagt taacatttga gcctttgatc caggacaata attaggcttt 41165942

acatggaaca taatttcacc tacatacaca cacacactct ctgtctcacc 41165992

cccccccat acccctccct tttcggttca tttgaagccc acacctttgg 41166042

ttcatgtgac tgcccacacc tgagctcctc aggagattgg cctccctcct 41166092

tgaggctccc tccttgagtt ccaccctcat ttggggtgga acttggtctt 41166142

tggggccctg gcctgttttc cccagcctcc ctcactctgt gtcttccaca 41166192

gGCGGAACGG GAAAGTCCAG CACTGCCGTA TCCACTCCCG GCAAGATGCT 41166242

GGGACCCCCA AGTTCTTCTT GACAGACAAC CTCGTCTTTG ACTCCCTCTA 41166292

TGACCTCATC ACGCACTACC AGCAGGTGCC CCTGCGCTGT AATGAGTTTG 41166342

AGATGCGACT TTCAGAGCCT GTCCCACAGA CCAACGCCCA CGAGAGCAAA 41166392

GAgtgaggga agggcctggg ggcggacaag gcagggcagg gccatgggtg 41166442

gtgctggccg ggcctgactc tgcctgttct cagGTGGTAC CACGCGAGCC 41166492

TGACCAGAGC ACAGGCTGAG CACATGCTAA TGCGCGTCCC TCGTGATGGG 41166542

GCCTTCCTGG TGCGGAAGCG GAATGAACCC AACTCATATG CCATCTCTTT 41166592

CCGgtgaggg gtgtggcact gggttgtggg gccttgcttg ggtctgagct 41166642

gccctgaccc tgtgtgactg ttttgtcctt gtgaagGGCT GAGGGCAAGA 41166692

TCAAGCATTG CCGTGTCCAG CAAGAGGGCC AGACAGTGAT GCTAGGGAAC 41166742

TCGGAGTTCG ACAGCCTTGT TGACCTCATC AGCTACTATG AGAAACACCC 41166792

GCTATACCGC AAGATGAAGC TGCGCTATCC CATCAACGAG GAGGCACTGG 41166842

AGAAGATTGG CACAGCTgtg aggggctgt ggtagacggg gcatggcagg 41166892

ggaggcagga gagacccaga atcttaccag tctctggatg tgtgtaacag 41166942

caagacctgg tgtgttgtag aagttcgtgg gagggcccct gactccagct 41166992

gggagccaca gtgtgggtac caggagggtg tctgcaggag gggacatctg 41167042

agcagcatct ttaaggatgg ggacaggcac ataagcagag ggttcctcat 41167092

gagtcaagat gtggagtgag gaggttctgg ggctcacact gggagaggtg 41167142

cacacagtgg aaactcatcc acctgggctt ggcctggact ctgtcctagg 41167192

gcagatgaga tgaggctacc caagagtggt tgtggagcct ccgcctggtg 41167242

gatggtatgg agggcagagc cacaggaggt gagaccagtg agggaaaaag 41167292

tcaggaccca tggcagcaca gctggtgata agggccctgg acagaaggaa 41167342

ggggtctagg accagaagat cagttgagag actgctgtcg tcagtagaca 41167392

gggctggctg gggagagaga ggcctgttgt ccactggcac ctgggactca 41167442

agtgatggag aggagcggca ggaggaatgt ggggagtggg aaggcttttc 41167492

ctgactttgg gctcagcagt gaaccaacaa gccactgaac taaagcactg 41167542

aatatgggta gtctgtgaag ggcccacctg cacatagctc agaaatactt 41167592

gggagtttgg gcatttagga cctgagagat tttagaatcc tgggctgggc 41167642

cttacatgta agaatgtgaa gaaaggaaag ggaacagtga ggccgggcct 41167692

gaggcctctg aagccgtctc tactgaggtc gaaggatccc tgtggatcag 41167742

gtgcaagttt gctgcactgg gggaaaggga agctgctcca gaaaccagta 41167792

gctgctttct acctctgggc tctggggcat taacatatcc cattgtgtcc 41167842

tgtttccagG AGCCTGACTA CGGGGCCCTG TATGAGGGAC GCAACCCTGG 41167892

CTTCTATGTA GAGGCAAACC CTATGCCAAC TTTCAAGgta cagctcaggc 41167942

ctctgggcat aggaagctgg ggagggtccc cagctgcttg gggcttcatt 41167992

tctgtgttct gggccatctg tggtctttgt ggagaagtgg tggttgtggt 41168042

tttccgaggc ccaagaggtt gtgagagatg tgtggttggt gagcgaccgc 41168092

aggtctccca gggccgaccc actccctagc ccctacccct taagtcagca 41168142

gtgacccttt aaactgctcc tgtgggtgac ccctgtttcc ttcctgggca 41168192

gcagcggggt aggagctggg aggcacactg gccactcatt ccccggcctc 41168242

atggagccct gttacacagg ttctttttg ttttgccttt ttctctaaaa 41168292

aggcctgggc cctatttctc acccctccc ctccacagcc aggggacctg 41168342

gaaggaagtt tttctttcca cttcacagat gagtggtagg gtcccatcca 41168392

ggccccatat gcttccaggt cccggggagg cactcagggc cactgcagac 41168442

cctgccttct tggcctgcca gccctgactc ctgggagcgg attcaaggtt 41168492

ctccctgtgg cccagggtgg ggcttaaggt tccacctggg tcccgaggta 41168542

tttcactggc agaggccctg cctctctgat catatctgtc ctggagcttc 41168592

cctgcagggc agtaacaaga actataacta gggcctgttg atggcagtgt 41168642

catctcccac tggcctgacc ccaggcaggg aagcccaagc acatgtgtgt 41168692

gtgcacatga agccccaggt tggcagtggc agggagagcc tttctgctct 41168742

gactggtgct tctcacctct gcagTGTGCA GTCAAAGCCC TCTTTGACTA 41168792

CAAGGCCCAG AGGGAGGACG AGCTGACCTT CATCAAGAGC GCCATCATCC 41168842

AGAATGTGGA GAAGCAAGAG GGAGGCTGgt aagccagtgg tgtggtaggc 41168892

ccagagtcca agggccccag tggagctggg gccccaaaga catgcatttg 41168942

tgatgtgctt gtctcctgtg tgcaccagca gtgcctgcct caccctggct 41168992

taggcatggg aacccctacc aaaggatacc ctcctcatgg gagttcgggg 41169042

tggttgctgg aggtcagcac cctgtggctc ccacagGTGG CGAGGGGACT 41169092

ACGGAGGGAA GAAGCAGCTG TGGTTCCCAT CAAACTACGT GGAAGAGATG 41169142
GTCAACCCCG TGGCCCTGGA GCCGGAGAGG GAGgtaagac cagaaccacc 41169192
tgagtaacag cattccctat tcccagattc tccttggcat gcccccatca 41169242
cacagtccca agcacgcacg tgcatgcaca gacacctgtc acatgggctg 41169292
gtcgcacagc ccatgtggcc atgcacgtag tctcccatat acctgtgcta 41169342
catttggcag tcacaggtac acccacaaga tgtatttgtc ccatgcacac 41169392
ggatatcccc tcacacacat atgcagtagc catgctgacc attggtgggc 41169442
tttgcttccc acagCACTTG GACGAGAACA GCCCCCTAGG GGACTTGCTG 41169492
CGGGGGGTCT TGGATGTGCC GGCTTGTCAG ATTGgtgagc tcccatctgt 41169542
ttctcttgcc cactgttccc tagggtgaga ttcttctttg tatctctttc 41169592
ctgctcctag ggaggaagct gatggctgaa ccccaaagtc tgccctcact 41169642
ccaagctctc cccatgctct ggacatcccc ttgacaccct gggctccctt 41169692
tgtcactgtc agctttgacc cctgcatgtt tacctatgcc aggcactggg 41169742
gaacccgtca gaatcagcag aacaaagttg atgctgctgg ttggctgaca 41169792
tccccaggcc taatgggttg taccacaggg atgtgacaga ggcttggaga 41169842
tggggtggag agggagacac ggcctgagga agaagcatga gtcagagctg 41169892
agttggaaca ctggctccac cacaaccagc agtgacttgt ttgagttgta 41169942
gcgtcgtcat ctgtcaaatg ggccagcaga gtagtccttc ccctcatggg 41169992
gtgtgggaag gaggaaatgg gatgagatag aactcatttg agccagtgcc 41170042
tgcggtgtgg agtggggtgg agggggtgag atgtctattc ccagctgtta 41170092
tctgctctcg ccctcccagC CATCCGTCCT GAGGGCAAGA ACAACCGGCT 41170142
CTTCGTCTTC TCCATCAGCA TGGCGTCGGT GGCCCACTGG TCCCTGGATG 41170192
TTGCTGCCGA CTCACAGGAG GAGCTGCAGG ACTGGGTGAA AAAGATCCGT 41170242
GAAGTGGCCC AGACAGCAGA CGCCAGGgtg agattctgct ggaaccttct 41170292
gggggcagt gtgtgggccc gtcaggcagc tgaggcctcc agctcccagc 41170342
acaggccccc tcagagcagt ggggcagccg atggcctatg ctagataggc 41170392
cacagcccct gccttagcta gggattgaga agaaacagac acataagatg 41170442
caatgtggtg tgtttaggtt gtgttgagtt tgagatactg atgggtcgtt 41170492
gaagtgggtc tgcttagtgg gcaattggat acacaagacc agaggtaaga 41170542
ggagaagtcc tgggctggaa gcaggagtgg agtgggggct gaggcataga 41170592
agggatgagg tggtgtcgca taggaagaga acttgggatg gattgagaag 41170642
ctccatatga gaaggcatgg gcgaggaaag gagcccagga aaggcaggtc 41170692
agacagactg caggccactg gtgagggaga gggtctgctg tgttgagagc 41170742
tacagaggta aagacaggaa cgataagaac ttgcaagtgc cctttggatt 41170792
cagcagcagc taatagccct tgtgagactt ttgagctgca tcagcagcat 41170842
ggctggcatt agatggcagt gggcagcagg gagtctggaa tggcaaaagc 41170892
agagcctttg tagggcctgt ccttgaggga gagaacaggt gactggggtt 41170942
tgagcaggct ctcatgcaga tggctgaaag gagcgagcag cgtgtgggag 41170992
gagatggagc ccaagcttag ctggtaggac cagccttctg gagaaggtgg 41171042
cctcttcccc tgagcctggg ggaacagaga agtattctca agggttaggg 41171092
aattcctact tggtggccct ttcaccaagt gcatttggta gatgggtctg 41171142
tagctgcttt ggagagggca cccgcaagcc aaatagagaa gggatagggt 41171192
gcttgccagg ctgtccccta gaaggaaaag gtgctggcat accaggtggt 41171242
tgaaggactg gatctggggg tctaggctga aaagggaaga gtctgaatgt 41171292
aagagccact gaggccgggc gtggtggctc acgcctgtaa tcccagcact 41171342
ttgggaggcc gagatgggca gatcacttga ggtcaggact tcgagaccag 41171392
cctggccaat atggtgaaac cctgtctcta ctgaaaatac aaaaattagc 41171442

cgggcatgtt ggccggcacc tgtaatccca gctactcggg aggctgaggc 41171492

aggagaatcg cttgaacccg tgaggtggag attgcagtga gccgagatca 41171542

cgccactgaa ctccagcctg ggcgacagag caagactctg tctcaaaaaa 41171592

aaaaaaaaaa aaaaaaagcc actgaaagaa agtcctccag gagaggatgg 41171642

gttggggtgc ttgtaagtgg gcttctgtag agatttggca tggagatttg 41171692

ccatgaagag tgggtggtta tatttgagtt gggggcgctg aggcagtgag 41171742

gatcatcctt aggacacaga tggaaaccaa gccaggggcc tgtatcccca 41171792

gtgcagtcac aggtaacaca gaagaatcat ttttacccca gcatgaggct 41171842

gggtaataaa tggtcagaaa gtgtcatttg ggagtgtggc caattccagg 41171892

atccctggaa ggtcactggg aacatgggtg gtgatgagga gtctgtatcc 41171942

cccacccccc ctaagagggt tggagggcaa atgtgtcctc tgggacagaa 41171992

aagaggaaag atgatttcag gatgaggctg aggacagagc tccctcattt 41172042

actgttgggt gtggtgtctg gaaggtacag gggaaggtgg gagaggggcc 41172092

cagagcacct gcagtgtggg catgcccaag gttggcaggg gcttccttct 41172142

cctgggcagg gctgtagcct ggggctacag ggccttgtgt gtgtcaccag 41172192

CTCACTGAAG GGAAGATAAT GGAACGGAGG AAGAAGATTG CCCTGGAGCT 41172242

CTCTGAACTT GTCGTCTACT GCCGGCCTGT TCCCTTTGAT GAAGAGAgta 41172292

agggccaggg cccaggcggg gtgtgcatgt gcctggaggg cctggtgggt 41172342

gcaaaaagag tatttaggta tccccccaac acttcctggg tgggcgggct 41172392

ctgtaagtgt tttccctgtt tggcccagAG ATTGGCACAG AACGTGCTTG 41172442

CTACCGGGAC ATGTCATCCT TCCCGGAAAC CAAGGCTGAG AAATACGTGA 41172492

ACAAGGCCAA AGGCAAGAAG TTCCTTCAGT ACAATCGACT GCAGCTCTCC 41172542

CGCATCTACC CCAAGGGCCA GCGACTGGAT TCCTCCAACT ACGATCCTTT 41172592 p.(Asp1019Gly) S1021F

GCCCATGTGG ATCTGTGGCA GTCAGCTTGT GGCCCTCAAC TTCCAGACCC 41172642

CTGgtgagga agtcccctgt gaggagggtg aggaggggca ctgtggggca 41172692

gctggactgg aatacaccat aatctgcctc ttccagACAA GCCTATGCAG 41172742

ATGAACCAGG CCCTCTTCAT GACGGGCAGG CACTGTGGCT ACGTGCTGCA 41172792

GCCAAGCACC ATGCGGGATG AGGCCTTCGA CCCCTTTGAC AAGAGCAGCC 41172842

TCCGCGGGCT GGAGCCATGT GCCATCTCTA TTGAGgtggg tgctgctcat 41172892

ctgggcttca gggtaggaaa ggggctgctt gccgttggag tctgtttatg 41172942

ttgagttctc caaaagtagg tattttcagg catcaaggtg gtcagggtgg 41172992

gtggggcctg agctgagtct ttgaaggggt gaagatagca tgcagtcact 41173042

gtatgcatct aggacgtgca gagccatggt gtgacttgtt ctgatgactt 41173092

gttttgttct gatgagatct ttttttccc taaggggagg tcatttaaaa 41173142

gatttctgtg ttaaaatagt aatggattta acatgaagta gattgcaaaa 41173192

ctcacatgga aattttggct aaagctcaga cttcagataa actacaggca 41173242

gcagctgctc tggacagctt agggtccctg atgtcgtgag ggactccatg 41173292

ggcagtgtcc cgggggccca gcagagggcg cgctgcctcc actccacaga 41173342

tgctgactga gcctccgcag tggggaattg gagggagcag gaaggacaat 41173392

cccaggccct tctttgtctg cctacagGTG CTGGGGGCCC GACATCTGCC 41173442

AAAGAATGGC CGAGGCATTG TGTGTCCTTT TGTGGAGATT GAGGTGGCTG 41173492

GAGCTGAGTA TGACAGCACC AAGCAGAAGA CAGAGTTTGT GGgtcagtct 41173542

gtcttcccag tcatcctcct catcctgctg gggcactgca agcctctccc 41173592

caccagtcat cccatcctct cccacggtga cctgaagcct tttgtcgttg 41173642

ccttcacagT GGACAATGGA CTCAACCCTG TATGGCCAGC CAAGCCCTTC 41173692

CACTTCCAGA TCAGTAACCC TGAATTTGCC TTTCTGCGCT TCGTGGTGTA 41173742

TGAGGAAGAC ATGTTTAGTG ACCAGAATTT CCTGGCTCAG GCTACTTTCC 41173792 p.(Asp1165Gly)

CAGTAAAAGG CCTGAAGACA Ggtgaggacc attcctggag gcagtgcccc 41173842

tgcaatcttg ctggcagggt ggggctgggc cccttgctct gtccctcgtg 41173892

ggctgagggc caggcttttc ctcctcctag GATACAGAGC AGTGCCTTTG 41173942

AAGAACAACT ACAGTGAGGA CCTGGAGTTG GCCTCCCTGC TGATCAAGAT 41173992

TGACATTTTC CCTGCCAAGg tatctgcagc aggggtgggc tggcctgggg 41174042

taggtgggag gagagccagg cagcagcctc tagaagtgca gaggagtcat 41174092

tgaccctctt gtgcacctgg cttcgttgaa gCAGGAGAAT GGTGACCTCA 41174142

GTCCCTTCAG TGGTACGTCC CTGCGGGAGC GGGGCTCAGA TGCCTCAGGC 41174192

CAGCTGTTTC ATGGCCGAGC CCGGGAAGGC TCCTTTGAAT CCCGCTACCA 41174242

GCAGCCGTTT GAGGACTTCC GCATCTCCCA GGAGCATCTC GCAGACCATT 41174292

TTGACAGTCG AGAACGAAGg tgaggaagat ggaggggtgc tagagccagg 41174342

aaggcagtgg ctaggtcctc cttcttcagt gtttctttct cctgggtaga 41174392

aaagttgtaa tattgtctgg cattgggctg caaggccctg cctgccagta 41174442

aggacactct tcccttctgt ccagGGCCCC AAGAAGGACT CGGGTCAATG 41174492

GAGACAACCG CCTCTAGTTG TACCCCAGCC TCGTTGGAGA GCAGCAGGTG 41174542

CTGTGCGCCT TGTAGAATGC CGCGAACTGG GTTCTTTGGA AGCAGCCCCC 41174592

TGTGGCGGCC TTCCGGGTCT CGCAGCCTGA AGCCTGGATT CCAGCAGTGA 41174642

ATGCTAGACA GAAACCAAGC CATTAATGAG ATGTTATTAC TGTTTTGGGC 41174692

CTCCATGCCC CAGCTCTGGA TGAAGGCAAA AACTGTACTG TGTTTCGCAT 41174742

TAAGCACACA CATCTGGCCC TGACTTCTGG AGATGGATCC TTCCATCTTG 41174792

TGGGGCCAGG ACCATGGCCG AAGCCCCTTG GAGAGAGAGG CTGCCTCAGC 41174842

CAGTGGCACA GGAGACTCCA AGGAGCTACT GACATTCCTA AGAGTGGAGG 41174892

AGGAGGAGGA GCCTTGCTGG GCCAGGGAAA CAAAGTTTAC ATTGTCCTGT 41174942

AGCTTTAAAA CCACAGCTGG GCAGGGTGAG AAGCTAGATG CCCCTGCAGT 41174992

TTGGCCCTGG AGCCAGGGCA GAGGAATGTA GGGCCTGCAT GGAGAAGGGT 41175042

TCTGCCCTGC CTGAGGAGGA GGACACAGCA CAAGGGCACA TTGCCCATGG 41175092

CTGGGAACAT GACCCAGCCT GAAAGATACA GGGGATCATG TTAAAAATAG 41175142

CAGTATTATT TTTCGTCTCA ATGGTATTGT AACTAAGTTA TTTACTCCTC 41175192

CTGCTCCTCA CCCCTGTAGG GAAACCTTGG AGAGGAGAGT GGCAGGTGGG 41175242

CTGCCTGCTG TGTTAAGAGG ACTTAGTTTG TGATGTAAGG CACTGTCAGG 41175292

AATGGGGGGC GGGCCAGGGT GGGAAGAGAA GAAATAGCAG AGCCTATTTT 41175342

GGTGAGGTTT TTTGTTTTTA AGTCAAAGAA GACTCAGTAT GCTTTCCCTG 41175392

AGGAATGAAA AAGGGATTGA GGAGTTGCCT GACTCCTGGG TGGGTGGGGT 41175442

ACAGGCAGTT AGGTGCTGAA TGAAGCTGCC ATCCTTGCTG CAGCTTCTAA 41175492

CTGGTAAAAA GATCCAGGGA TGGAGATGGG AAGGTTAGAA AGGCAGCCCT 41175542

CACCTCTGAG GACAGAGGCC GGGGTCCAGG CCCGTGGGCG CAAAGGTGCC 41175592

TCATAGCATA GCCAGCATTC AGCACACACA AACCTACTGC CCACATTTGG 41175642

GCTCAGGGTT GGCCATTTGC TAGTTCTGCT GCCCTCTTAA GATCTGACTG 41175692

CCAAATAAAT CATCCTCATG TCCTTTTTCC TTTGACTTGT ATGCTCTTTC 41175742

GGGGGCTCAG GAAAGCCTGT TGCATGGGAC ATGCTCACTA GAAACAGTCG 41175792

CCAGATGATT ATTCTGCAGT AGAAGCAGGT AGGAAATTTC TGGAAATTTC 41175842

TCAGGTTAAG CAGCAAGAGC TGTAACCCCT CCTCTGGGCT AACAGGAGTT 41175892

GTGGGTCCAC TCTCTCCTGC CCACCCTCTG AGGGTGTGTC TGAGCAGAGT 41175942

ACATCCTGCC TGGGTTCTTT GTGGCCAGCC AGTTTTGGTG GTGAGCTGGA 41175992

AACAACCAGA GCCCCTTTCC AGTTCCACAG AAACCTCTCC TTTCAAAAAT 41176042

GTTGCATTCA GTTCGTTAAC ACTGCCAGGT GCCATTCTGA TTGCCTCTAG 41176092

GACTTGGCAG CTGAAATCTC TGGGCCCTTT CAACACAGTT GAAAGGCCCT 41176142

TCTCTTCCTG AAGCTCTGTT TCCATAGTTG GCTGTGCTGG GATGGAACAA 41176192

AAATGACGCC ACACAAAAAA TTTAAGATAG ATCCGGTTCC GTGGATGACA 41176242

TGAACTGATG ATAGCCAGTA TCAAACAGCG ATAGTGCTCA GGTTCTTGTG 41176292

TGACTTTCTT TTACAGCTTC ACAGTCCCAG TTCATAGAGA GGAGGGTGGC 41176342

TTTTTCCCAT ACACAAGAAG GTGGTGGGTG GGAATTCACC TGGGCCCTCA 41176392

TGATCCATGT TTCCTCTCTA GGTTTTTATG GCCTGGAGAG AAAGGTTTCC 41176442

TATCAGAGAA GGAAGAGGAC TGTGTAGGCC CTTCTGTTAG GGCCCATCCA 41176492

CGTTGGTTAG GACGTCCTTG GCGTGTTTGT TAGTGTTGAC CCTTTTAGTT 41176542

TTCATCAATA CGTATCTCTA TTTGCTGAAC AAGTGTCTTT CTGGAACACA 41176592

ACCTGGGGAA CAGACAGCTC TGCCTTTCTT AAGGCAGCTT TGTAGACCTG 41176642

AGGCTCACCT CTCTTGGGCT CTGTAAGACA TTGCCTTTGC CTCACTGCAA 41176692

ATGTTTTGAT TGTTCTTCCT AGTGGAAAAC GTGCCAACTC TCAAGCAAAT 41176742

TTAAAGATCA TTTTCACTTC AAGATTCCTC CAGACCTGAC AAATGTTGAT 41176792

TGACCCAGAA GGCAGAGTGT TTGTTGGTGG GGAAGACCCT TACTTGGGGC 41176842

CGAATGCTTT GGCATCAGGA GTTGTTTGCC CCATCCCATG CATGCAGGCC 41176892

GTGTCCCTAC AGTGCGACAG CTCAGGGTTA TGACCTGTGG AGTCTCAACC 41176942

CTAACAGCAC ATTAGCACCA CTTGGGGAGC TTCTGAAAAA TACTGGTACC 41176992

CGGGGCCTTA GCATAGGTAT TGTTCAAAAC CTCTCAAGGT GATTTAAATG 41177042

AGTAACAAGG GTTGAAAAAC CCTGATTTTG GCAGCACAAA CCAAAAGAGC 41177092

AGGCAGGGCC GGGAGAGGGA AGTCAGTGGT ACCAGAAGGT AGATGGGCTC 41177142

CCTTGCAGGC TCCTTGTTCT CCTGCCATCA CCAGTAGAAC CTTCTGGCTG 41177192

ACAGACCAGG GACAAGTAGA CTGGGTTCAA AGTGACAGAC CTTTCACTTT 41177242

CAACAGCTTT GGCTCAGCAG ACATGTACAC ATACAAAGTA GAGCCTACAA 41177292

GGTCAGGGGC ATTCTGCCCC CGCCACAGGA CTAAAGACTG CCCTGCGGGA 41177342

AGATGGCAGG AGCAGTTTCT GACCTCAGTT GAGTATCTGT GGCCATGAGC 41177392

AGAAAAGGCA GGGGTCTGCC TCCTGACCAA GCACATCTTG AACATCACCT 41177442

GAGAGCTTGA ACATCACTAA GGACCTAGAC ACTCACTTGT CTTTCAACTT 41177492

GAGCCCATCA CTCACCATGT GAGTTCTGTT GAGGGTGGGT AGAAAGCAAA 41177542

TAGGTTCAGG TTATCCCACC AGACTAACTC GGTGAATGAA AGGATCATGC 41177592

CTTCTTCACA TTTTAATTAA ATGGATCAAG CACAgtctca gactgcaact 41177642

cctgtcttct ctgggtactt tagtaattcc caggggactt gtgcttaggg 41177692

gttaatctag gcattctgtt ccctgcctgg aggaacccca cagcaacccc 41177742

cctggctggc cgctcctgcg aattccaccc atagtatccc aagtgagtca 41177792

ctgcctgagt ctacccacta cagcattcag ctgattggct ttgccagttg 41177842

catgccagtt tggtctagtt tccaaggacc tggtttttgg gattcaacac 41177892

acacagctgc ttccccatga cataagctgg actcctattc tggtgtccag 41177942

aatcactgcc tggctccact gtaggtgatt tcatttcaaa ggacccttt 41177992

tccttctgtc ccaggccttc agggccaccc caacaaaatt caaatgcttt 41178042

gggtcttaga agctggggct ttagtctttt tcctccagaa agcccctggg 41178092

tccttatgca tattccctaa cccccgacac cgccccagca aatgacaggc 41178142

tatgcttttc agcactctca caggaaacag aaaagaactt gccagtgtcc 41178192

tctcaccaga tgataccagg tttgactgtt tgcctttgtc tatttagcat 41178242

aatttctaaa atatcatagt tttctcatgt agaagccagt gtggtgatct 41178292

cagcaatgca gaagacagtg agttggaact tctctggtga gctgagggaa 41178342

actgccccac tcatccactg gagtttaaga tccacagaag tgggcaagaa 41178392

caagtgaaat gtttttggct tttttcctga ctcccccaca aaataagtca 41178442

gcagatgtga aatatattta tgtttttatt taggaataat caaaaggttt 41178492

gaagtaccat tgaggcccat ttcaaattgt acaagcaatt tgtccgtgtt **41178542**

cccctccctt atccaaatcc acagatacaa aatctaggaa atgtgcaatt **41178592**

tgcatcttag aaatagcagc atccccacag ggga

