



**TBXAS1 (NC\_000007.14, GRCh38) - gDNA - 2026-06-20**

aattctattg ctgagacttt ccagagcatt tcacatttct aaaagtgtgt 139828313  
ccaaagtttc ctgaattttc aattatTTTT tctttaagct atttcattga 139828363  
atatttctcc cattcaatat tgggggattg tgttgggaga ggagggtctc 139828413  
cctttccac ttccgcaaat ggggcactca cagtatttgg agtgtcttct 139828463  
gggtcctgca ggagcagtct ggttccttca gagagtctgt gggtcctttt 139828513  
gggattgctg gttttttctt gcagttgatc tggagctaaa attcaccatg 139828563  
gaagcctcca gatgctgctc tgtctgaagc tgcaatctag tcttgccacc 139828613  
cagccactat gatcccctcc atctctctgt ccactttagt cagataagct 139828663  
caaagctaga acaaaggacc catatatgag cctacggatc tgccttcaaa 139828713  
cacttgagaa gccctccaac tcaccatgag aacctgacc ccaatcggga 139828763  
tctttgcttt gctccaacag ccagacactc agacaggtcc tcagaccag 139828813  
caactaatgg acttgggtgg atggttctcc tcaaagcagc cagcattttg 139828863  
atcaggctgg cgtctggtcc tgtatttttc tgggatattc agaatctctt 139828913  
gacatgtatc ttcacttaat tgtgaattta aaaaattata gatggatgta 139828963  
gatatagata tagatataga catagagata gatatagata gacattttgg 139829013  
agaagagtct ctctttgaag acttcctctc agagtacaag tccgtgggta 139829063  
caaccatttt gtttctcagc aaacatgggg aagtttgctt ttcttctctg 139829113  
aggaagttaa tataaatggt tattgacagt gcagtcatca aggaataaaag 139829163  
ttgctgattc attcctttac actgaaaccc tttgttctgc cctcctcttc 139829213  
cttctctttt ataggagac actctgagaa agagcacatt gtgggggccc 139829263  
**ACTCCATGTG ATGTTTGCTT GGTTCCTGT TCCCTTTTCT ACCTGCAGAG 139829313**  
**CACGGTCCC ATAAGGGCGG CGAGATCAGC CTCCTGTCTC ATCTGGAAGA 139829363**

CCACCACTCT GGGTCTCAG AGGAATGATG GAAGCCTTGG GGTTCCTAAA 139829413  
ATTGGAAGTG AATGGCCCCA TGGTGACGGT GGCCCTGTCA GTGGCTCTCT 139829463  
TGGCCCTCCT GAAATGgtaa gtgcagccag ccctagggac tgtgacagcg 139829513  
tcagccgtct caccctggag ccttgctggt gccatggcgg ggtatgtggg 139829563  
agtgtgtttt tcttcttttc taatctagcg ggagtgagta ttaacacagc 139829613  
ttcagaatta aaagcaaaca gccaggtaa tcttttgcta aaatgcatga 139829663  
gattgaagtg tcaggaaagg ctggtgattc agtgactgag aacgctacac 139829713  
ataattaagt ttgaaagaga tggaaaaaga aacaaattgg aaaggcatta 139829763  
ggtttgggta gaagcatttc ctggaacccc gtcatatctc ctcacctcat 139829813  
ttttctaaaa tcctctgtcc ttgttggatt tacagtgaat tcagcctctt 139829863  
ggttcatatt acattcaaaa caaaacaaga cgtaggagct gtttggcaaa 139829913  
tgtgggcctc tttgcaggaa gtcattgagg gggatttctg tagggttaag 139829963  
gacaaagtgg tagatctaata ttctcatagt tgatagaggg agatggattc 139830013  
tgatgaacat agtgtgtgca gctcctacaa aatttgagac cctgaaagga 139830063  
tctcaaactt gaactccgag ttgctcccc gtggttttgt taattcaaca 139830113  
gcaaattttc ctaaggctga ctctggtgtc tgtaggtcga aggcctcata 139830163  
atatgctaca tttatgcata ttcgccctgt cagttaaact tattagagtt 139830213  
accattcaa tcaaaagcac ctggatttag atggctctgg cttttgaggg 139830263  
caaagtgagt ggaaaaata atggaggact ggagtccgaa cagaatttta 139830313  
atztatgttt tcagtagtaa taaagccttc tctagattaa taactgggaa 139830363  
agcactttga aaagcatcaa gcattatgca aatgtgaggt attattcttt 139830413  
tggaatttgc atagctgaga gtggaattca cgtttgatgt tctatgatga 139830463  
tgaaattact tcttggaat tggctctgaa acccagcctc agtcccagtg 139830513  
ctgtttttct ttttaactgg tttaattttt tttttgaact tttttatctc 139830563  
attgtagctt accttgatt gaaactggcc acatgtaaaa ccaagagcaa 139830613  
atggtagctc cttccctacc cccagcccc aataatccat ctcaatgtgt 139830663  
ttttatgctc cgggaagccc gaagcacagt gtctgacatg cagaaagtgc 139830713  
ttagtctgatg tcagccacta taattaacca tctatcatct atgtaaccta 139830763

aaagaaaata agtctttagt ggtttaggtt tatttttaaat ttcttactaa 139830813  
tgtgcttatt catattaatc tcatcaatag ctatgctctg actgtgggtc 139830863  
tcaaagcgga cactttttta cacttttggt tcagtctttg ttgtgtctga 139830913  
gcctccagct cagtgcctgc catgtaggaa caccacacca ttcagcaggg 139830963  
cagctatgtg tttgctgtct attcctgggc catattaata acctggttca 139831013  
aagatgcaga gattaagata aatgtaccaa gcagaagtgg taaacaggaa 139831063  
gtgagagctg acttctatth gttattgcaa aaatatttat taacctgtta 139831113  
atgtgtgccc agtctggagg aggccctggt acaaggtcag gaagcaggag 139831163  
atctggagaa ggtgccaag gcaggggaga cacagaggtt ctgggggtga 139831213  
gctggatgtc tagagaggat actgcaggag gagcagaggc agcaggagag 139831263  
aggtcacggc cctggctctg gtgcttttggt gtccatccct tgattcagtg 139831313  
caaggggaaac caccctggg ctttcaacct ttctgttccg ggtgagactc 139831363  
tagtcagcca ctaagcaaca gccaccagct tgaatgaggc aaggccccct 139831413  
tcctgcttca ttgtcttgaa aggatatgtg tggaagagac aggggtgctt 139831463  
ttcctccagt gagaggattc acaggcaagg aaagatggag gtgtagagac 139831513  
acttgcagga gaaactggca gggggagtgg attaaacatt gcagcacatt 139831563  
agtctttgct ttaagtgtta catgtgccat ccagccaggt gagatggcag 139831613  
cagagaacct aaaccctgag aagggtgaaat caaatgggct gggcgcggtg 139831663  
gctcatgcct ataatcccag cactttggga ggccaaggca gacagatcac 139831713  
ttgaggtcag aagttcgaga ccagcctggc caacatggtg aaactccatc 139831763  
tctactaaaa atacaaaaat tagctgggca tggcagcagg tgtctgtaat 139831813  
cccagctact tgggaggctg aggcaggaga atcgcttcaa cctgggaggc 139831863  
acaggctgca gtgatctgag atcatgccac ttccctccag cctgggtgac 139831913  
aaagaaagac tctgtttcaa acaaaaacaaa acaaaaacaaa acagaaggat 139831963  
gggaggatgg agggaatcat ggtggacagg aggcaggact agactgcagc 139832013  
tccagacaaa gcagcatctg gaagcttcca tgggtgaattt tagctccaga 139832063  
tcaactgcaa gaataaatca gcaattctga ggggaccac agaccctctg 139832113  
aaggaagcgg attgctcctg tagggcccag aagacacccc aaatactgtg 139832163

agtgcctcaa ctgcggaagt gggaaagga gaccctcctc tcccaacaca 139832213  
ctcccccaat ttgagtggga gaaatattca atgaaataga tagcttaaag 139832263  
aaaaaacaat agaaaattca ggaaactttg gacacacttt tagaaatgtg 139832313  
aaatgctctg gaaagtctca gcaatagaac aagtagaaga aggaaattca 139832363  
gagctcaaag acaaggtctt tgaattaact gaatccaaca aagacaaaaga 139832413  
aaaaaaataa aaaaatatga acaaagcctc caagaagtct gggattatgt 139832463  
taaataacca aacctaagaa taattggtgt tcctgaggaa gaagagaatt 139832513  
ctaaaagctt gcaaaacata tttgggggaa taatcaagga aaagttcccc 139832563  
agtctagcta gagacctaga catccaaata caagaagcac aaagaacacg 139832613  
tgggaaattc atcgcaaaaa gatctttgcc taggcacatt gtcacaggt 139832663  
tatccagagt tgagacaaag gaaagaatct taagagttgt gagacagaag 139832713  
aaccaggtaa cctataaagg aaaacctatc agatgaactg aagatttctc 139832763  
agctgaaacc ctacaagcta gaagggattg gggccctgtc ttccagcttc 139832813  
tcaaacaaat caattatcag ccaagaatgt tgtatccagt gaaactaagc 139832863  
atcatgtatg aaggaaagat acagtcgttt tcagacaaac aaatgctgag 139832913  
agaattgcc ttactaggcc accactacaa gaactggtaa aaggagctcc 139832963  
aaatcttgaa acaaatcctg gaaacacatc aaaacagaac ctctttaaag 139833013  
cataaatcac acaggacca taaaacaaaa atacgagcta aaaagcaaaa 139833063  
gcaaaaaaca acaacaacaa aaaaaaccaa agtacagagg caacaaagag 139833113  
cccaatgaat gcaatggtac ctcacatttc aatactaaca ctgaatgtaa 139833163  
atggcctaaa tgctccactt aaaagataca gaactgcaga atggataaga 139833213  
actcaccaac caactatctg ctgccttcag gagactcacc taacacataa 139833263  
ggactcatat aaacttaaag gggtagaaaa aggcatttca tgcaaatgga 139833313  
caccaaaagc gagtagagca acggtagcta ttctcatatc agacaaaaca 139833363  
aatcgtaaag caacagcagt taaaagagac aaagaggggc cgggcgtggt 139833413  
ggctcatgcc tgtaatctca gcactttgga tcacaaggtc aggagtctgt 139833463  
gaccagtgtg gccaacacag tgaaaccccg tctctactaa aaatacaaaa 139833513  
aaaaaaaaaa aaaaaaaaaa aattagaggg gtgtggtggt aggtgcctgt 139833563

agtcccagct acttgggagg ctgaggcagg cgaatcactt aaatctggga 139833613  
ggtggagggt gcagtgagct gagattgcac cactgcactc tagcctgtgt 139833663  
gacacagcaa gactctttct caaaaaaata aaaaaaagag agagacaaaag 139833713  
agggacatta tagaatggta aaaggccttg tccaacagta aaatatcaca 139833763  
gtcttaaaca tatatgcacc taaaactgga gcttccaaat ttacaaaaca 139833813  
attaaaatag gcctaagaaa tgtggtagac agcaacacaa taatagtggc 139833863  
agatttcaat attccaccga cagcaccaga caggttagca agacagaaaag 139833913  
tcagcaaaga aacaatggat ttaaaactata ccttggaaaca aatggaccta 139833963  
acagatatat acagaacatt tcatccaata accgcagaat acacattcta 139834013  
ttcaacatca tatggaactt tctccaagat cgaccatatg ataggccata 139834063  
aaacaagcct caataaattt aagaaaattg aaattgtatc aagcactctc 139834113  
tcagaccaca acagaataaa actggaaatc atctccaaaa ggaactttca 139834163  
aaaccatgca aacacatgga aattgttaaa taacctgctt ctgaatgagc 139834213  
attgggtaaa aaacaaaatc aagatggaaa ttaaaaaatt cttctaactg 139834263  
aatgacaata atgacaaaac ctatcaaaac ctctgggata tagctaaggc 139834313  
agtgctaaga ggaaagttca tagccctaaa cacctacatc aaaaagtctg 139834363  
aaagagcaca aacggacaat ctaaggtcac acctcaagga actagagaaa 139834413  
tagaaacaaa ctgaacccaa acccagtaga agaaaggaaa taaccaagat 139834463  
cagagcagaa ctaaagaaa ttgaaacaca tacacacaca caaaataaaa 139834513  
gataaattaa acaaaaaact ggttctttga aaagataaat aaaattgata 139834563  
gaccattagc aagattaacc aagaaaggaa gagagaaaac ccaaataacg 139834613  
tcactgagaa atgcaacagg aggtattaca actgacacca ctaaaataca 139834663  
aaagatcatt caaggctact atgaacacct ttacgcacat aaactaaaaa 139834713  
acctagttga gatggataaa ttcttgaaa aatacaatcc tcctagctta 139834763  
aatcaggaag cattagatac cctgaacaga ccaatacaag cagtgagatt 139834813  
gaaatggtaa ttaaaaaatt accaacaaaa aaaagtccag gaccataagg 139834863  
attcacagca gaatttacca gacattcaaa gaagaattgg taccaatact 139834913  
tttgacacta ttccacaaga cagagaaaaga aggaaccctc cctaactcat 139834963

tctatgaagc cagtatcacc ccaataccaa aactagaaa ggacacaacc 139835013  
aaaaaagaaa actacagacc aatatccttg atgaacatag atactaaaat 139835063  
tctttttttt tttttttttc tgagacagag tcttgctctg tcgcccaggc 139835113  
tggagtgcag tggcgcgatc tcggctcact gcaagctctg cctcccgggt 139835163  
tcatgccatt ctctgcctc agcctccgga gtagctggca ctacaggtgc 139835213  
ccgccaccac gctggctaata tttttgtatt ttttttagta gagatgggggt 139835263  
ttcaccatgt tagccaggat tatcttgatc tcctgacctc gtggtccacc 139835313  
cacctcggcc tcccaaagtg ctgggatttc aggcgtgagc caacacgcct 139835363  
ggccaatact aaaattctta atgaaatact agctaaccaa atccaacaac 139835413  
atatcaaaaa gataatccac catgatcaag ttggtttcat aacagagatg 139835463  
aagggatggt ttaacataca aaagtcaata aatgtgatac gccacataaa 139835513  
caaaatataa agcaaaaatc atgtgataat agatgcagaa aaagcatttg 139835563  
acaaaatctg gcatcccttt atgattaaaa ttcttagcaa agtcagcata 139835613  
caagggacat accttaatgt aataaaagcc atctatcaca aaccacagc 139835663  
caacctaata ctgaatgggg aaaagttgaa agcattccct ctgagaattg 139835713  
gaacaagaca aggatgtcca ctctcaccac tcctcttcaa catagtactg 139835763  
gaagtcctag ccagagcaat cagacaagag aaagaaataa agggcatctg 139835813  
aattgctaaa gaggaagtca aactgtcact gtttgctgac aatacaatcg 139835863  
tttaccttga aaaccctcag gcctcctcca gaaagctcct agaactgata 139835913  
aaagaattca gtagtttcca gatgcaagat taacatccac acatcagtag 139835963  
ctctcctata caccaacagt gaccaagcag agaatcaaat caagaagtca 139836013  
acccttttta caatagctgc aaaaataaat aaataaataa ataaataaat 139836063  
aaataaataa ataaataaat aaaatactta ggaacatacc taaccaaaga 139836113  
gttgaaaagc ctctacaggg aaaactacaa aatgctgctg aaagaaatca 139836163  
tagatgacac aaacaaatgg aaacacattc catgttcatg gatgagtaga 139836213  
atcagtattg tgaaaatgat catactgcca aaagcaatct acaaattcaa 139836263  
tgcagtctgc atcaaaatac caccatcatt cttcacagaa ttagaaaaaa 139836313  
caattctaaa attcatacag aactgaaaa gagcctgcat agctaaagca 139836363

agactaagca aaaagaacaa atctggaggc ctcacattac cttatttcaa 139836413  
actatactat aagcccatca tcacccaaac agcatggtac tggataaaaa 139836463  
ataggcacat agaccaatgg aaccaaatag agaaccacaa ataaacccaa 139836513  
atacttagtc aactgatctt caacaaagca aacaaaaaca taaagtgagg 139836563  
aaaggacacc tttatcaaca aatggtactg ggataattgg ctagccacat 139836613  
gtaggagaat gaaactggat tctcatttct cactttattc aaaaatcaac 139836663  
ccaagatgag ttaaagactt aaacctaaga cctgaaacta tacaaattct 139836713  
aggtataaca ctgtaacaac ccttctagac attggcttag gcaaggattt 139836763  
catgaccaa aacccgaaag caaatgcaat aaaaacaaag ataaagagcc 139836813  
gggacctaata taaactaaag agcttctgca tagcaaaagg aacagtcagc 139836863  
agagtaaaca gacaaccag agtgggaaga aatcttcaca atctatacat 139836913  
ctgaccaagg actcacattc agactctaca atgaactcaa acaaatcagt 139836963  
aagaaaaaaa caatcccatc aaaaagtggg ctaagaacat gaatagacag 139837013  
ttctcaaaag aagatatata atgaccaac aaacatgaaa aatgctcaa 139837063  
caacactaac gaccagggaa atgcaaatca aaaccacaat gcaataccac 139837113  
attacttctg caagaatggc cataatcaaa aaataagaaa acagtagatg 139837163  
ttggcgagga tgtggtgatc agggaaact tccaccctgc tgggtgggat 139837213  
gtaaactagt acagccacta tggaaaacag tgtagggatt ccctaaagaa 139837263  
ccaaaagtag aactacctac catttgatcc agcaattccg ctactgggta 139837313  
tctaccctaaa ggaaaagaag tctttatttg aaaaagatac ttgaatatgc 139837363  
atgttcatag cagcacaatc cacaattgca aatcatgga accaacccaa 139837413  
atgcccata atcaacaagt ggataaagaa actgtggtat atgtatatga 139837463  
tggaaacta tgcagccata aaaaggaacg acttaacagc atttgcagtg 139837513  
acctggatga gattggagac tattattcta agtgaataa ctgaggaatg 139837563  
gaaaaccaa caccgatgt tctcactgat acgtgggatc taagctatga 139837613  
ggatccaaag gcataagaat gatacaatgg actttgggga cttggaggga 139837663  
agtatgagag gtaggcaagg gataaaagat tgcaaatatg gtgcagtgtg 139837713  
tactatttgg gtgatgggtg caccaaatc tcagaaatca ccactaaaga 139837763

acttactcat gtaaccaa at gccacctgtg ccccaacaac ttatggaaaa 139837813  
ataaaaaaac aaaaaacaaa caaaacaaaa aagcaaaaagg cacaccaagg 139837863  
ttgcttcttg tgctctcaac cagcctgtga gttctctaag ggtgagggcc 139837913  
aggctctccta tctcattaca gttctggaat cttctgccaa tggcagggat 139837963  
gctctgctag catgtgggtg aagggtgtaa agtcaagaag tccacaacca 139838013  
tcagccccgc ccaggactc actgtgggtc tcctgctcct tcagcgggcc 139838063  
ccctgtcgcct ctctcccca caaacctaa ggccctcctcc agaaagctcc 139838113  
tagaactgat aaaagaattc agcagtttct tttatcctgg gctggggtca 139838163  
gagcgacgct gtctgggtgc tgtgaatggt cctttgttgc tgcatgaggc 139838213  
ctcctctttc cttcaactcc aagctcaggg gtgcttctc agggaagtgt 139838263  
tttctgtttc caaaggcact gaggagcccc ctctcagcat tgcttttatc 139838313  
ccatctctgt ccctcacaat gcctggcaca tagttggtgc ctaacaaatg 139838363  
ctgactgaag gctaattcca acctctaagc tctgcctggt gctttcttcc 139838413  
tgtggttctt ctcttgccct tcacagttcc atacagatct aaattctctt 139838463  
gcccattgta cccactccct ttctgaaag cttgctgtgt tttcagtttg 139838513  
tgtcaatttg ccatgcactg ttccagttgt tgaagatgga ctgtttttgt 139838563  
atcctttctt atcctgtaga gcagacacca tgccatgtac ttaatgcaca 139838613  
cttattaatt attaggtgta tgcgtgaatt tggaaaaaag acaaaaaaaa 139838663  
tctttcattt aaaaagacac tgttttaaac taggcacagt aactttgat 139838713  
cgttttcccg aaaccgcgtt ggacaccatt tttccatgat gatcatttga 139838763  
tttaaaccga ccagtgtgtg gctgagctct gtgaactggg gcatcagggg 139838813  
atcagggctg caccaccagg gctggagatg gagctgggga tagagactgt 139838863  
attagctgga agtacatgga gcacatgcta agacgattaa cacacaagat 139838913  
aacacatttt aaaaactaat tttttccat ataaaatggt ttaaaattct 139838963  
tacttctgga ggagatttga tggacaagaa atgagttgta cgagttgaac 139839013  
gttgctcgag gcaaccgtaa gtccctagcgt atttaattctt tcaagcaaca 139839063  
cctaaggact ggagctggg ttctgtggg gaggataaag attgctttat 139839113  
tctttaagat ccagtgtaaa gaaatagccc agatagcaat agtggatttc 139839163

tttctgggat ggggttggtg gtgatttctt ttcccttctt ttagtctttc 139839213  
tgcactcttt gtatttcttt aatgagtggt aatatttagc aaaaaagaga 139839263  
aattttacta aaaagagtgg gaaactgctc ccttctagtg gtgaagggga 139839313  
aagcagtttc atgcttttag cgtgaggttt caggactgta gtctaattat 139839363  
ttcttccagt ggagtagaat gtctgaaagg atttggagta acagggctga 139839413  
tgaagcggca aggaaggtga gtagctatct aggcaagtat gtgaacacag 139839463  
cctggaaggg cttgtagtac caagctgctc ttaaagctca ggtaccaaga 139839513  
cccagaggta cataatcaat tcgacatcaa aaataggaat tcaggctggg 139839563  
tgtggtggct tatgccc aaa atcccagggc tttggggaggg caaagtggga 139839613  
ggatcacttg agcccaggag tttgagacca gcctgggcaa caaagagaga 139839663  
ccctgcttct accaaaaaaa aaaaaaaaaa aacaaatcaa aaattagcca 139839713  
ggtgtggtgg tgcgagtctg taatctcagc tacttgggag gctgaggtcg 139839763  
gaggatctct tgagcccagg aggttgagga tacaatgagc tgtgattgca 139839813  
ccactacact cgcactccag cctgggtgac agggcaagat cctgtctgta 139839863  
gtcccagcta cttgggaggc tgaggcagga gaatcacttg aaccggggag 139839913  
gcagaggttg caatgagccg agatcacacc actgcactcc agcctgggca 139839963  
acaagagtga aactctgtct caaaaaaaaa aaaaaaaaaag agatttcaga 139840013  
tagagagtga gttagtgttc tgatcaagtc tcattctaag accagtttaa 139840063  
attgaaatgt gattggtgat tattaagatt taagactatc acagattatt 139840113  
aagacttaag tttaccacta tgcctggaag ttcctttccc agagagtttc 139840163  
ttctacatgt aagaactgga ctctaattct agaccacat ctactccaga 139840213  
ctatatttag aaggcaccat tgggatggaa tatgggagcc aagatgagaa 139840263  
atctgaagag gaagaagcca tgtaggtatt ccctggcaca atgggaggtg 139840313  
agctccggaa aaggcatccc gcctccagca tgtggggact gaagatcaat 139840363  
tgcccacca tttcccaact tcggttccta aaagtgttta ggaaattaag 139840413  
tctaaatcaa gcccttcttg gagattcata gaatatcaaa ggcctgaaa 139840463  
ggttctttaa taaagaaacc tgttcagctt tatttaacc agtgttttcg 139840513  
cagcgtcttt gctaaagtac tgctgcatat ggccgtggtg ggttgggcaa 139840563

ctagacccgc tgagatggc ccttgaaaac ggcggtcggg tgacattgga 139840613  
gctgcacaac cagtggaaat ggaggggcca caaaacggag gaataagaca 139840663  
ttcaaattgc ccctttgcaa gctctgaggt tccaggggtg acgtattggt 139840713  
tccttcaggg cacagaaaat atggagtcta gcgaacagaa gcagggccca 139840763  
tgcgtagggg tgggccaggt ttacaccaa gaaaatgagt actactcaca 139840813  
gctgtctggc aagggtggca gagagcgcct cggaggtcgt gagtgtccct 139840863  
caccatccat aggaatgcca caaaagccct tgctgccagg catgagcagc 139840913  
tggtacagaa ggccaccgag tgccttcccg atctggactc cgtgacttct 139840963  
atgcccactg gcgctcttgc atgggtcagt ctgtgctgcc gctcaggaaa 139841013  
agcaagtcat gtgccatacc agcgaccaa tggcggctgc tgcttcttct 139841063  
gcctgggac ctcacatcc ccagcagtag ttcctagggtg tgagcgtggc 139841113  
aaggagccca gaaatacaga agcagcgttt aggggcctca cggtagcttc 139841163  
atgcctgact cttttctctc ctcttccggc ctggcctcta ggcctttctg 139841213  
gatcgccagc cagtcagact ctacttcgag aagcagaagg tcttgggctg 139841263  
ggtcttgaaa tgcaggaag aattgacttg gcagaggaga ggaaagagaa 139841313  
aatttcaggt ggggaagtac cccaggaaca gacaacatta gtgtttgtaa 139841363  
catttgctgg aacaaaacat taggagtgtg aataatggac acagtttaga 139841413  
aatacatttt aaaggcatgg ataattttca gtgcctcaa gcatctagag 139841463  
agggatacat ctatttccct tttttttttt tttatctttt tgtatttttg 139841513  
tctaggatat gatgggtact tcgatttaat aactcagtga tgagcttgga 139841563  
gataaaattg agcctgctgt gaaaactagg tctgtggctt ccttgaggac 139841613  
catttctaca gaatattatt ttttttgttt tctctctctt aaatgggtat 139841663  
acacaatctc cctatccttc tcctcacttt attgattttc cagaatgaga 139841713  
gtacgaggta tgactataaa gtaacgtgac tgattatttt agcatacact 139841763  
ccaatactta tacagccaaa tgaattttat gaccttcgga ggcattttcc 139841813  
tgataggcta aacccttact gcagatatgc cactatcaga aaacacattc 139841863  
ttagcacttt ttgtgggaat ggcacttggg gcttagatgt ggtcctttga 139841913  
aagccctcaa cgcaacacat ctttgtggag aatagattga ttttttttaa 139841963

aaaacagtcc atattttggc aaatagatga ttaaacagag taatattatt 139842013  
tgcaatttta aaaatgtgat tataaaacaa tacacagctt gcagaagagg 139842063  
tgtatgaacc agttctggaa gcctgggaat tttgctgagg ggccacgctc 139842113  
actggcatac gagttggttt ttggtttttg ttttgttttt taaagaaaac 139842163  
aatagcaaca gtcttaatat ttatggcat accttctctc gtctagtaag 139842213  
gaattcaggc ttctggtagc atctgttttg ggggcagaga tgaaagaaga 139842263  
atcttatttg ttgtataaac aaagcaaac atcagattga tgtgtgtcca 139842313  
ttactgagct gcgtgagtgg gtgctcagcg atgccttccc ggaaggaag 139842363  
tgactctccc agaaataaaa tgattgaatg aactcttccc ctaaccctag 139842413  
tgccataata acaacaaacc taacaactat cgcttgccac tgaaggaag 139842463  
tacgcggtct atgggaaccc tggtagcctt atatggactt gttttttggt 139842513  
tgccggaata acatgcatct ggacatggga atgagactgg cgagaaagg 139842563  
agggggcaga tgttcacact ggtattcatt ggtgcttcaa ttactaagag 139842613  
ccacatcttt cctggtttac cagaaatagg tgctgttgca caacttcctg 139842663  
gtggataggg taggggggtg ttagctgata ggggagttcc ctggagccct 139842713  
cgactctctc tgttgctttc agcctcagcc ctgagtcag agtttggccc 139842763  
tggcccgcgc tgtggggccc tcctaaacct cccctatgtc cttgcaaagg 139842813  
tgtgcttctt aggtttcgct tgagcagtc gccagttcct caacacaatc 139842863  
tcagaaagag gccggcccct tttttcccct cgaagatatc tagaaaaaac 139842913  
tgtgtcagag atgatctgaa agcaaagcca agctctacca atagtggctt 139842963  
ccaccaatgc cttgtttccc tgagcactgc acacagacc cctgggagag 139843013  
ccagcgccat accccgaaac cagcagctgc ctccacattc tgatctgaaa 139843063  
ggtgccctaa agtcctcgca tgtgcttccc tccttctgc actgacatgc 139843113  
ctgttccctc caagctgcac agcgcagtcc ctgttgctg aatgctctcc 139843163  
cttcttggtt taactgaact cctgcctaac cttcaaaatc ttgtctaaat 139843213  
gtcactcttc cataaaggtc tcctccatca ggccagccct caaccagccc 139843263  
tgcctcctgt ggacttgctt cctatctctc tggctatctc ggcaactact 139843313  
actttacttt atttattat ttattttatt atttattat ttatttagag 139843363

atggagtctc actctgtcat ccaggctgga gtgcagtggc atagtctcag 139843413  
ctcactgcaa cctccgcctc ccgggttcaa gtgattctcc tgcctcagcc 139843463  
tcctgagtag ctggggctac aggtgcgtgc caccataccc agctaatttt 139843513  
tgtatcttta gtagaggtag ggtttcatca tgttggccag tctgggtctcg 139843563  
aactcctgac ctcaggatgat ccgcccacct cggcctcaca aagtgcctggg 139843613  
attacaggca tgagccacag tgcccggccc actttatfff atagcttatg 139843663  
catgtgacct atcttcttgg cttgactgta agtccctaag aggagggccc 139843713  
acatcttaag ccagtgagtg ccctctacat agtagctgct cagtaaatgc 139843763  
taatgatcat gattatgcct ctggtaaccg agatagcagc actgtttcca 139843813  
aatgattact gtgacaatgt gtgtgtgtgt gtgcatgcct gtgtatggaa 139843863  
gagggtagaa tcagtctccc cctaattgca cactagtggg agtgtgttct 139843913  
tagcacctgg cagaatgcct tgcacaaggc ttattgaaaa gggaaataaa 139843963  
tcttgattca tgcaatcgtc gaatgctgaa ggttttctag gctgtgagct 139844013  
ggttctacct cattgggtgtg ctatggataa cattcccatg aattcagata 139844063  
gatagaggaa ttgccccatt tgaaattgaa gagcaagact gtaaaaggag 139844113  
gggatgatgg aatgcaggac ccagccactt agaatacgtg gtacatgggg 139844163  
gtatatagag cactcaaagt ctgagtgggg tatcctgaca ccagactagg 139844213  
ggacaggagg catccaaccc ccagcagagg cattgaagaa cagacacttt 139844263  
ctccttcaact gttctattga gcacaaatcc ccacagtttg aagcaatggg 139844313  
atctcaactc ttccctacca tccactgttg atgtgatttt tccccataga 139844363  
tcctatgttc tgttgtccca gcaacaatgt atatttaagt aatgattgat 139844413  
taattttccc attttaatta ttcaaaggca agctaattgg aaaactctgc 139844463  
cagttgagaa tagctgatca atgagataac cagcattagt gtaccaaatt 139844513  
ataattccac tccaaagcaa agaaactcga cattttcctt aacctgcacc 139844563  
accatcgcgt tgtcaataaa tgcacgattt acattaggct ctttgaaata 139844613  
ttgaaaatat ctcatgtacc ctcttcctac cttcaciaat cagtaggcac 139844663  
ctgggaaccc caggctgtaa agcagtgaag agggagtgta gtcagttgta 139844713  
catttaagga ttttaactcc atccgtacac agagagtgag caaaattggg 139844763

agcatcatct catgatctaa gagcgtacct aaggagataa ttgggagggt 139844813  
ctcaggagaa gtgtggcatt gtggaaatca gccaggcctt tacagtgtag 139844863  
ggacagacac acctctttcc ctgggtgtcc ttgggccagc cactccctcc 139844913  
ttgctcattt cctcattggg gagagagggc tgggacacct gcctctcagc 139844963  
attggcacat tttccccag cccccaggc tatgctggga atcagcctca 139845013  
catctttctt ggctctcacc ctaatgttaa ccctccacag tctggccagt 139845063  
cttgactccc aagtgttcc ctctctatct gctttgcttc tgctgcagtt 139845113  
gaggacttca aaatcactcc ttggctggaa atagccttcc cacgggtctc 139845163  
cctgccttct atcttgtgct cccctaattt gtccctgcaac tgcagccacc 139845213  
ggctcactgc tcctctgcat aaaaccctt cctggctctc ctgtctaagg 139845263  
aagtgagtgt tcctggcctg gctcctgaag ccccctctga cctgggtccc 139845313  
tgcccctctg caggtttaac tcccctcgct tctcacctgg tgccctggctc 139845363  
ccaggtgctc acagctcctc ccacacacca tgcagttcag tgccaatttc 139845413  
tttccttcta cttgcatgtc cttccccctt catttgggtg agaacttctc 139845463  
caggagcctc ttctgcatct cctaggttct tgccccaatg tacctggtac 139845513  
cttccctctc tctcatcact tacctggctc cccaagggca ggattgggtcc 139845563  
ttcctcatct ttagctgagc actcagcatt gtgccagggg cactcaacac 139845613  
acttctgttg agtaataggc acgcagttac ttgttgaacc aaactgcgtt 139845663  
agaagagatg atctatagga ttttgtgtgg catatgcatt gttctttgcc 139845713  
gctatgggta tcatcataga gaatttccat taatttctgg ccgtgtgcca 139845763  
ctgcaaccag ctttcaccct gacttgtcat ataacaaaat atcattaaat 139845813  
tgaactctag tttttttttt ttttttttta gacagggctc tactctgttg 139845863  
cccaggctgg agtacagtgg cacaatcaca gctcactgca gcctcaacct 139845913  
ccccaggctc ggggaattct cccaccccag ccccatgagt agctgggact 139845963  
acaagcgagc actaccaccc caggctatth tttgtattht tttgtagaga 139846013  
cggggtttct ccatgttgcc caggctggga actctggatc ttaataaaaat 139846063  
atthttttct ttagaagtca ggctaggctg ggctgtgggt tgaagttcat 139846113  
ctctgtgcta tttatgaagg aagggttgc taacccaaaat cattgtgcaa 139846163

aggtgacagc tcaaccaatt taggaaaata aactactccc gagcacttcg 139846213  
gcagcttgct agtttatcaa cgatcccttg aaaacgcact aaaaacactt 139846263  
cactctttct gcctttccac actttctata atggcccagg gcttaggctt 139846313  
tggaatcaga tctcctggat tcaaaactctg gctagccttg tgaccttaag 139846363  
caatagatgt caggctctccg tgtctcagtt tccccatgtg taaaataggg 139846413  
ataactaatag tacctacctc ttagcatggt gggaggatta catgagtaag 139846463  
aacataaggt ggacttagag cagtgcattg cacagctcag ggtcaataaa 139846513  
cattagctct tagtgttatc tgataactgc acgcttatat tcaacaaaaa 139846563  
ctgcatagac gctgggcagc tagatcttgg tttttatttt gtttatctag 139846613  
ttattttgta aacctcattc tgaattctca cctgatcccc aggaatgcac 139846663  
tgacagtgaaa agtgaggaga ggcgtacttc aaacaagtga cctcattttg 139846713  
aataatcctg gacttatacc actaggtagc ttttgacctt gaacaagtaa 139846763  
aattaggttt taaaaatgcy tatcagactt agtaagctga agtgtcttcg 139846813  
gggggtgttg ggatggtcac caatgggtgtg gtggggacag agccatagtg 139846863  
cggcaggttt agaaatgatg ggggtggagg gcagatgaaa agaagactgt 139846913  
gggcttttct ttgaagaagg tcagagatgt cagccacctc tctgggcttg 139846963  
atcacttttc catacgggtca agcggagata gtcattctct ccctgtctcc 139847013  
ttgaaagga gtatgagggg ttgtgagcaa taaaccttac accaacadat 139847063  
attgctatta gtccattgat ggcattctgt tacctctcag ttgtaggtgc 139847113  
ttcaaaatta aagaaaatct atttcttgaa aagtgacaaa taaatcaagc 139847163  
tttaaactca atttgtttc cagaaatttt tcaaattttc ccatgacaaa 139847213  
atttacattt attttctgat tttaacagta agagtaccat tctaattttc 139847263  
atctggctct tgcttcattg gttgacattt gccttgccct tggacttgag 139847313  
aacttgaagt atcaatgagg catagcacat cagtaaataa gccccgctaa 139847363  
gccatactct attctcgcct gttgaccaga tcttttgttt cctgctcact 139847413  
ctcatccaag cccttaccca catcattttc aatgatggtg tcaactgcaa 139847463  
tgtttctttg caggttcaat tctctcctat cataaaacaa acaactgagc 139847513  
cagccaacta accaaccaac caaccaacca accaatcaac caaccaactc 139847563

actaaccgcc tcttctttga ctccacccca ggcaccactc cacttatcct 139847613  
tctcttccca gcctagtgac ttgaaagagg actttgtatt tgctcacttt 139847663  
ctcacctcct atttaccccc gaccctgca ataaggtctc tgttccattc 139847713  
tctactgaaa cggcttttctt caaggccacc attaagtctc tagtacctaa 139847763  
actgaattaa cagtttctaa tccttctctt tctttggcac tttgcaatat 139847813  
ttgtttgtttg tttgtttgtt tgttttgaaa taggatcttg ctctgtcacc 139847863  
catgctgaag tgcaagtgtg caatcatagc tcaactgagc ctcaaacttc 139847913  
tgacctcaag tgatcctttc acctcagcct ctcaagtagc tagaactata 139847963  
gacatgtgcc accatgcccga gttaatthttt aaatthttttg tagagtgagg 139848013  
tcttgctata tttcccaggc tggctctcaag ctcttggcct caagtgacct 139848063  
tcctacctca gcctcccaag tagctgggac tataggtgca tgcaaccatc 139848113  
cctggctaata tttatgtttt acttattttat ttattttattt atttattttat 139848163  
ttgtaaagac aggatthttgc tatgttgccc aggctggtct taaacgcctg 139848213  
aggcctaatg atcctcccac ctccgcttc caaagtactg ggattacagg 139848263  
catgagccac catgcctggc cgctttgcaa catttgattc tgtaatthttt 139848313  
gggtatatgt caaagctgtc agttacgtag gggtagaaaa aaagttgtgc 139848363  
atcattgatt ataatgccag ggccccattt tacagatgtg aatatggagg 139848413  
tccagagaag ttatgtgatc tgatgtgtat tagtcagcta ctgttgcaat 139848463  
aatgctgtgt acaaaccac cccaagctca ttggcaaatg acaatgttta 139848513  
tttttctcat ggtctgtatg ttcactggag tagctctgtt ccagtctgac 139848563  
agtgggggtt agatctgctc cacatgtttg taatgggacc caggctgaag 139848613  
agaatattag ggaagtgtc ctctgacag gtcacagga tgcaagaaat 139848663  
gtaaaatgaa acagtaatat ctcttgaggc ctcaacctgg aagctgctaa 139848713  
gataatthttt gccacattc tattggctaa gcaatccaca tgcccaaggt 139848763  
taacattaat ggggcaggga agaagactct gtccactgta gcgggaggca 139848813  
ctgcacagtc atggagcaag gggcattgat gtagaathttt gatacagatg 139848863  
gggcatgaag catcaggagc agtgattcac tctacctcat gctccaagat 139848913  
tacacagctg gattctgatc tttggcaaaa tagaatctag gggccacaag 139848963

tcacaagaca aaataaaaacc ataacaaaaa aataaataaa tgaacaaaaa 139849013  
cttaacgtga atggacatat taacttttat tgtaagtga aacagtgact 139849063  
ctctggggga aaaaaaacia caggccaggc atgatggctt acacctataa 139849113  
ttcttttggg aggctcactt tgggaggctg aggtaggagg atcacttgag 139849163  
cacaggaatt ctcgagacca gcctgggcaa tataggaagt ctccgtctct 139849213  
acagaaaata caacaattag ccagggtgcyg tgacatgcat ctgtggtccc 139849263  
agctactcaa gaggctgggg tgagaggatc agttgagccc aggatgtgga 139849313  
tgttgtagtg agccaagatc gcaccactgc acttccaaca gcaaagaccc 139849363  
tgttccccc aaaaaaacac aaaaaacaaa aaacaacaaa aaaaaaacia 139849413  
cccacaaaa aacagaaaca acagatagtg atgcagaatt tccccactga 139849463  
gacactgaca tgggtgggtca tggatgactt gcttatgaag tgataaccta 139849513  
gcttcaagag tgttgaagca ggggccagag ctcaagttag gggccaggtt 139849563  
ggtcctgggc cgaacctggg gacgtaccta ggaatttcta gccaaataag 139849613  
caatagaggg aagggtctga ctgatgacgg agcatgagca cactctagga 139849663  
agggcaaaga attgatctgg gggatgggat ggggcggggc cctaagattt 139849713  
caactccacc ctggaaaagc aggacttagg ggaggcatgt ctgaagttca 139849763  
gaagaccagg ggaaacctga atgcagaaag cgcagcttgt tcaccatgtc 139849813  
ctgaaataca gcaaccaggg gacactcttg tagattgtga gctgtattgc 139849863  
ttaggacaaa ttcattgttc tatgctgggc agtaaattta tggatgttgt 139849913  
tatgccaaga aaggaatatg gctgaaaaca taaattgctc cagaattgtt 139849963  
ttaaataatt tcatgggtgc tggaagtcct ctgggttatt aaggaaaaaa 139850013  
tttgtttatt tcttgccctt ccggaaacca ccctttggtg ctggctagtg 139850063  
gctgtcagaa gaaaggggtg atccatgtat cacaagggct attacacatc 139850113  
gtgaatttaa cttgagttct caaagataaa aagagacact tgtcttgctt 139850163  
ccacgctcct tctcgtcctg cacatttgtc cactcacctc cagtaagttg 139850213  
ctctggaatc tgaacaggga ggtttcttgc aatccagaat cagccacaaa 139850263  
atcccatttc cttttttcct ataaaaaaga tgtgctgact gaaacaacta 139850313  
aaatatagac tagttagtgt aataacaata agtagcaaaa acaaaataga 139850363

aaaacaaagc acaacatgaa aaaagaagtt tttgaattag tgtcttcttt 139850413  
catcaaggtc agtttctctc catctcacat cctctgtgac cctaggggtgg 139850463  
tgtggaagat ccttccccac ccacaccac acatggggta ttatttgggc 139850513  
cttttccagg gacttctgtc agttctgatg gtctttgcac tgggctgagt 139850563  
agtgccccct cgccccaaa ttcattgtcca ttaaacctc tgaatgtgac 139850613  
ctgatttggg aatagggtct ttacagcggg aatcaagtta agatgaggtc 139850663  
ctactggatg acgggtggctc ctaatccagt gactggcatc cttataagaa 139850713  
gagtgaaatt tggatgctga gatggacaga gggaggacga catgtagata 139850763  
tagtcacaca ggcgagaaca ctgtgatgac caaggcggag attagagggg 139850813  
tgcactaca agccaaagac catggattgc cagcaactac caggagatgg 139850863  
acagaggcaa ggaaggagct cccttcgtgt cttcagaggg agcatggccc 139850913  
tgctgatgtc ttgacctcag aattctgaac tccagaatga tgagaggata 139850963  
atctctgttg ttttaagcca cccggtttgt ggcaatttgt tagagaagcc 139851013  
ctgggtaact agtctggctc ccttgctccc gttggtctta ctgagccaaa 139851063  
gcatcccatt ggccttactg agccaaagca tcccattgca tcatgtttgt 139851113  
tactgtaacc ctcaaactct tttcttgacc taactcttag caagttagc 139851163  
cactggcctt tgatcatctc ttagctgcaa taatcttcac ttgacagaca 139851213  
agccagaggc ctggctggag gctcaggccc ttcattcaga cagctcagga 139851263  
ggcctggact gtggctgggc cagttcctgt ggccgggctc taagtctcag 139851313  
tttccccatc tgtataatgc acacaacagg gatgttggtg gagattacag 139851363  
gacatgatgt ttataaagtg tgtttataat tttattttgt gggtcagtac 139851413  
aatgcctgac ccatagcaag tgcttaataa taaatgtag ctattattaa 139851463  
acatacagtt ttctgaaatc tttaaatcca tttttatcca ccccaggggtg 139851513  
aagtttccct gatttttctt ttccagtaaa agcatggcag atcctatcta 139851563  
ctctcttagt gatgcacaat gacatctggg ctagtgcctg acacagagta 139851613  
ggcactaaat atatttttat ggaataaaga atggaacaac tacattgttt 139851663  
caatatctaa tcaaaggagg aaatagctta cagattttat gaggcttagt 139851713  
aaccagcttg atacactcaa ggtgaaactt tggaaaagga tgtaatttca 139851763

ccacatttgt tcacaatagg gcacaggtga tgtggtagac agcctccaag 139851813  
agggccctct ggatccttgc cctggaattc acacccttgc atagctccct 139851863  
ccccatttgt accaggggtca gttagcatga ccagtggaat acagcagagg 139851913  
tgatgggtgtt atcacttcca agattagatt attgggagact ggggtttcca 139851963  
tcttgggctc gctctctccc ttggattgct tactttgggg aagtcagcag 139852013  
ccatgttgag cagccctata gggagaggct catatggcaa agccagctac 139852063  
agctccataa gcaagcatgg acaccattct ccagcttgac cctgaacca 139852113  
aagcacctag ctgatctgct cgcagactcc tgaccctcag aatctgtgag 139852163  
ataatgaatg tttgttgtct tcagtcactt aggtctgggg gcaatttgtg 139852213  
acacagcagt agataactaa tataggtgct gagataggaa tggctgggac 139852263  
caggcagggg caggactgag gactctaata atggaagggg ttataagttg 139852313  
cagggagcag gcaagaggcc aaaccagaa aagtggctctg ttcggaaggt 139852363  
caggcaggtt ctgtgggtct ccacctgtgg ctgtgttcca gaaccagag 139852413  
aggtgagagc cagaagcaaa cactgagg aacaacgggc actgagattc 139852463  
agggctcttg gactagaact cttgcctttt gactttgtcc tgtacaattt 139852513  
ccagctagac ccacaattga tcattatagc taagagatga tcaaaggtca 139852563  
gtggctaaac ttgctaagaa ttaggtcaag acaaagatct gggggattac 139852613  
aggaacaaac atgatgcaag gggattataa atattttttt gaaactctta 139852663  
acaatattct tttgttactt tgagttacc aagctcttta aactgtctgc 139852713  
caagctcaaa ggcaaaattg gtatttcca ggccttttgg acgggtcata 139852763  
gtgcaataga aaggtggaag tattggctgg gtttatgaag acataacttc 139852813  
ttatccaatt ggcaaacatt ttttaaatgc ctactcggct gggtaaaaa 139852863  
gaacctagaa ttattctgag caccactac cagtactcaa tgcccctgtg 139852913  
taccaacctt ggctactcca atacacacac acacacacac acacacacac 139852963  
acacacacac acacacacac acacacagtt ggccaaagaa gcaacctgtc 139853013  
tgctctgcac aagccaggtc ttcactttac tgaagcccca gctgaccct 139853063  
ctgggctcaa actttactga agtgaagacc tggctctgtc agaggagata 139853113  
atgacagatt tatctgtcct tatttcaagt cttgaagccc tgttgactta 139853163

gtggctaadc tgatcaactg atttgaaccc tggggatagc gtcctgtaag 139853213  
atggcatctg ccttttcaca ggggactcag agccctcaac ccacagactt 139853263  
gaacaaacag gggcttttcg catcccccg tttacagata ggttggattc 139853313  
tgggcaactg gctgctctgc aaatgtaaag tgagaaacag tagggcctgg 139853363  
taatggtgag cacagactcc agagccagac agcctgggtt cgaatctcag 139853413  
ctgtgctact cactagcagt gtgaccttgg gccagttact taatctctct 139853463  
gagcctcagt gttcccatct gcaaaacgga gataataata acagcatggt 139853513  
ccacacagaa tttggggagg agtaaatgag ctcatgtgtg ggaagcactc 139853563  
agccgggctc ctggctcaca ggaagcatcc tgtaactgtt tccttttatt 139853613  
acgcaggatc cagaggcagg ggcagcccca gctgaccctt ctgggctcta 139853663  
atttaactat ctggtggggg taccggagg cagatgtccc tctttacca 139853713  
caagtctcag gggttcttta aggacttcat aaaaacaaag gattaactgc 139853763  
agatgactaa gccacatga tggaaacaga atcaggtaca gtaaataatg 139853813  
aacgtagaca ggattagatt cctacaaata atacattgtg ttctcctgct 139853863  
cttcattggc aatcatcccc agtagggaat cagtggaaact ctttgagtgg 139853913  
ccaaggaaaa catctccatg tgcccaggat agcctgggtg ggctcctgga 139853963  
ggaggcaacc cttgagcaga aagccgaaga gcaatctggc ctttgcaaat 139854013  
ggagaaagag tggatgcatc agcagagagg agagtgggct gggacaaggg 139854063  
tgagagaagg aagcaagcac ctaggcccaa aatttaagaa ggccctcact 139854113  
ctcaggggtg tacaagagca ggggtggcac ttgtacagcc ctgagagtga 139854163  
ggacctcctt aaattttgta ccctaggttt gttcttgctt ctcccttctc 139854213  
ttggccctag agaaaagcct gggaaaaagc ccagaacggt gaaacgacat 139854263  
ggcgtaacta ggaacgtgtg agtcatgcaa gattgcccaa gcctaattta 139854313  
gggacagaga tgacttacag tgaggctagc agtcaagctg tggccggatc 139854363  
accaaagacc ctagggtgcca aataaaggag gttagtgtt gaactgaaag 139854413  
tgacagggag ccaaggaaga attctgagca gggctgcaac atgatgagat 139854463  
ttgcatatga gcaagcttct tctggcattg gtgtggagga ctgattggag 139854513  
gatgatagga gaagctagag gctgggaggc cagttcagga ccctactgaa 139854563

aactctatgc ccaagggaga gacgacgacc tgatataggg cagtgccagt 139854613  
taggagtaag aatgaagaac tcactcaaga catgtgttga aggcagagtt 139854663  
gacagaactt ggtgattgac tgcagatgag gatcaaagga aagacccaaa 139854713  
gatagcatga agtttcaaag atggatcatca atttagaagc caaggggggtt 139854763  
tattagacaa gataacaagc atgtgaaggc agtgatttca gcttccccaa 139854813  
gtccaaggta aacccttagt tctcctgttt tctgtaggat aagctctctg 139854863  
gaggctagga tgtatcttat tcatttttgt atgatatcta ctctgtaagt 139854913  
atctttgaac tgcattaagt ggctttcaca cctccgcatc ctgctcattg 139854963  
gctttcaagt ggccttaggg gtgttactat tgtttgaatg tttgtctcct 139855013  
ccaaaaatca tgttgaaatt taatccccga tgtggtagtg ttgagaggtg 139855063  
aggcctgtaa gaggtgactg ggtcatgagg gcaaagctat cataaatgga 139855113  
ctctgtgcag agtccccacc agcaagaagg ccctcaccag atgcaactcc 139855163  
ttaaccttgg acttctcagc ttccataact gtaagaaata aattcttttt 139855213  
ctttataaat tatctagggt caggtattgt gttataagca acagaaaaca 139855263  
aactaagaca ggtatcaaag tccttttaaa gatggctgtg tagctgggat 139855313  
cagaccaaca cagcaatgtg ttcaaactcc cattctaaac acacagaacc 139855363  
tggggctctg acttggcccc acggctctga gttgaagcct gaagtgtgac 139855413  
tggtgtcag gcgtgggctg ccctggggct ttgggaagta gtgaaagga 139855463  
taaggtgaag gtcaagcaga gtgggggatg tcaggaggct ggggaggctt 139855513  
gggctgccag gtgaagtggg cctcatgaaa gacaatttga gatcagaatg 139855563  
tcagacagag agcaggctag aaggcagctg gcttctgagc tgcagcctag 139855613  
aaaggctgat tcagcagtg taggaggaag tgggaggttt tgtcgtccca 139855663  
gaagccatat ctggagcaag ggggaagtact aagaccacag ggtagcattt 139855713  
ggagccatac actgggacta acttcctctg acctaggcaa cgacagactg 139855763  
cccctgtggt caaccagagc ccccagatcc ttttctgtga gctacaatga 139855813  
agccaggcct cattcttctt gaacttgaga agtttagaaa atatctgctt 139855863  
tgccttctact agcctccatt ttcataaaaa taaagcgagt gaaaaaagca 139855913  
agtctgagcg ctttgaaaca ttaattaaag acaccacagt ttccttattt 139855963

aactgagggt tgctacctca tctgggatta ttagcaaagc agagagcctt 139856013  
tgttgtgctc gacaaagtga ttaattcaga ctcgagggtga attttggctt 139856063  
tctcaacttc ttttgatgtg ctaagatccc ccaatgagga caacgtcatc 139856113  
aattacttaa gccattacct tgagatcaca attatcgggg aggcccagtc 139856163  
tactaattgg cagacagaga gacagaaatg gactacaggg ttgtggcttc 139856213  
aaccttaaat tgttctaggg ggagcgagag tcctttaaaa tgttttgtgg 139856263  
caatgctcct gctaactctgg ggtgatcgag ttgtttttcc accaggcaaa 139856313  
atgcagcctg ggtgacctgc gtctctagaa ccaagaaact gcctgtgatt 139856363  
ccactgactt ggcgttctca tgggccagga cacagaactc agaactgagg 139856413  
gatgagtgtg tcaatggaag agggatgagg ttcataaaat tggaaaggag 139856463  
agctttatth ctcataaagg gttgcggcct tcgggtggcc attccgacag 139856513  
gctaggaaga tattttgatg gaggggaaaa gggaatggga atttatgcag 139856563  
agcagggagg ccaaataac atattcaata agctatggga ggagtcatga 139856613  
atatttatga aaggagaaac atgtgcatgc gcaattgagc gtcatgcgcc 139856663  
ttcatgggtc ccatgtagaa aaaatggcag ccttagcata atctgagggt 139856713  
ggagtthtcg agcctctgac ttcaaaaagt gaagcaaagg acaggaaaac 139856763  
cctcactgag catcctccat acaatggcca gaatcactcc ataatcgggtg 139856813  
gtctcgtatc aggcaaaaga aaggggcagc atcaggtggc aggttgatgt 139856863  
cagcgggtga ggctthtaac atcagacgct tcagggcgt tatggcgtca 139856913  
acaccaatgg aggctthgaa aaggccgctt tctatthtagc ccttagggga 139856963  
gaaagcataa tcatggctag tgaggagggt gtagaaggag tgtgtctgac 139857013  
tccccatccc atcatggcca agaactcagt tttcaagtht actctgggga 139857063  
ccccttggcc aagagatgggt ccattcagtc agttgggggc ttaggathth 139857113  
atththtagtt tacaagthtct agaagcaaac atcctactca agaggcaaat 139857163  
tctccagccc ctggaagctg tctthgggct tccgtgggat gctacatctg 139857213  
ggcttactgt cccctgacac ataaggaatt caaggaccag atacaagagg 139857263  
ctgctththta catththaaa tataaatca tataattht tgththaaata 139857313  
gaththtctt tgthththta actaagccat tactctthth thththctctcc 139857363

atcctataaa agagtttttg ggggaaggtt ttatgctgca tggatatatg 139857413  
tcattgggtt ttctggtgaa aggtggagga actttgtctg gttaaattta 139857463  
gtcaaataac caataactta acaaacaaaa gccaccctg aagtgtttca 139857513  
taaatatcag tcacttcaag agttttatga tgtacgtcag ttgctttgtt 139857563  
ctgttttcac aatagaaaca cacgttgtgt gtgttttcgg atggtggcac 139857613  
tactgtttgc tgtacctca tcattcttct ttaattctca ctgggacaga 139857663  
agggcaagac actttcccag ggtcagaatc ctgggattgg ctggctggat 139857713  
tttcttttct tcttaatttt tttttttttt ttttaagagac aggtctctc 139857763  
tctgtcacc aagctggagt gcagtggctt gatcatagct tactgcagcc 139857813  
tctaattcct gggctcaagt gatcctcctg cctcagcctc ccaagtaggt 139857863  
gggtctacag gcacacacca ccacacctgg caatttttaa aaattttttt 139857913  
tgtagagggt gggctctgct atgttgccca ggctggtctc gaactcttgg 139857963  
cctcaagcaa ttctcctgcc ttggccccc aaaacactgg gattatgggt 139858013  
gtgagctacc acgcctggcc ttgggctgaa ttttcttggg ggtgggatgg 139858063  
gcattttaaa gcactcttga gaaagtagaa cacactccat ttttaaggcag 139858113  
tttctttgca gtgcttcttc gtacacatca accccatgct cactctgccc 139858163  
catggcctcc aggtgacca tctgttccaa ggcagcagcc tttccagtgc 139858213  
cttcacctgc tatggtgcca caacatggct ctcgtttatt gtgccagctt 139858263  
tgacacctct gttctcagtt taatgatttt tctggggatg ggtccttctt 139858313  
ggagggtcct gctttgtttt tgtttttttc cagattaact ttgggggaca 139858363  
taataagtgg agaccattta tcgtttttta aggctcaaca aatatccaat 139858413  
agtcagacag aagagtgatc aaaatagaaa gcatgtattt aaactgggac 139858463  
tgacaggtga caggggatgc ctcttagcca caatgatcat aatgtaaagt 139858513  
cttaattaac tgtttgtcag tagccattga atgtctgtct ggtccactag 139858563  
gctgtaagtg ccacagagca agggcatgta ggcatggtcc ctgcagcatc 139858613  
ctggtaccgg gaactcagca ctccccagc accatgcttg gtatctgctc 139858663  
tctggccatg gttttgaact atcagctgag cccaagcaac cttgcagacc 139858713  
acattttgat tatgtcttcc tcggaccatc cttgagagtc acgtcttctt 139858763

ggcagtgccc catagactgt gaatggtgag tgagatcact ttagaaggta 139858813  
cacggacttt aaaaatcttt cattataaag catttattta ttttttaatt 139858863  
tttaatttta attttttatt ttgagaagga gttttgctct cgttgcccag 139858913  
gctggagtgc aatggcgtga tcttggctca ccacaacctc cccctcctgg 139858963  
gttcaagtga ctcacctgcc tcagcctcct gagtagctgg gattacaggc 139859013  
atgcgccaga attaaccatg cccggttaat tttgtatttt taatagaggt 139859063  
ggagtttctc catgttggtc aggctggtct caaactccca acctcaggtg 139859113  
atccgcctgc ctctgcctcc caaagtgctg ggattacagg cgtgagccac 139859163  
cgtgccccgc ccaaagcatt cattttttat cgtagttttt tttttttttt 139859213  
ttttttgaga cggagtctca ctctgtcacc ccaggctggc tggagtgcag 139859263  
tggcatgatc tctgttcact gcaagctccg cctcccgggt tcacaccatt 139859313  
cttctgcctt agcctcccaa gtagctggga ctacaggcgc ccaccaacac 139859363  
acctggctaa ttttttgtat ttttagtaga gacagggttt cactgtgtta 139859413  
gccaggatgg tctcaatctt cttacctcgt gatccgcca cctcagcctc 139859463  
ctaaagtgct gggattacag gcataagcca ccgtgcctgg cctatcatta 139859513  
gtttttaatt tatgtaagt atactgattt tcacttatga tcacgacata 139859563  
aaatttcctt ttaaaatgaa ttcatttcaa tttatctaaa agaaattggg 139859613  
aaataagtaa atgtacaggc aacttgacaga tatggccaaa attataaagg 139859663  
ggctatacaa ataactgaat ttagaagatt aaggccttaa tactcgttga 139859713  
gacttactga ctcaactggc tttcttgccc tgaaaagtta ggataaaaat 139859763  
ggagaagtta gttaactctc tgaattacaa taaccatcaa ctagatacct 139859813  
ttttaaaga attgtaatac tttctttata aaacgttatc tttggccagg 139859863  
catggtggct gacacctgta atcccagcac tttggggaggc cgaggtgggt 139859913  
ggatcacttg aggttaggag ttcgagacca gcctggccaa catggtaaaa 139859963  
ccctacctct actaaaaata caaaaattag ctgagcacia tagtgcacgc 139860013  
ctgtagtcct agctatccgg gaggctgagg catgaggctt gaacctggga 139860063  
ggtggagggt gcagtgaact gagattgtgc cactgcactc cagcctggac 139860113  
aacagaggaa gactctgtct caaaaacaac aacaacaaaa ctaaagaata 139860163

tgtattcttg gctgtttcag tggtagggct accaaagcct ggttcagtgc 139860213  
tgcccaaggc agaggctggg tactgggtga gctctcggct ggccttcccc 139860263  
caccaccacc cctgcaactg taccatgtac tgttcagttc tgtagaaaca 139860313  
ggaagctcag ggtaactcac agtccccacc ccagacactt cttcttttca 139860363  
ggcacacttc aaaataaaat caggatctac atacactata agttggcgtg 139860413  
gtagctgaat attggcccc taaaatgtcg atgtcctagc ctctggaact 139860463  
tgtgaatgca accttagatg gcagaactga ttttgaagat gtgattaagt 139860513  
tgaagatcat gaaaggggtt aagtattctg gattgtttgg gtgggcccta 139860563  
aatgtaatca tgaggtcctt ataaaaagga cacaggagtt gtcagagcga 139860613  
gagaaggcag tgtgaggact ggaagcagaa ctggaagggtt atgaccatga 139860663  
cccagggaga caagaagggg acaccctcctg ccatctccag aaggaaccag 139860713  
ccctgtggac accctgcctg taaaccagtg aggttgattt tggacttctg 139860763  
gcctccagag ctgtcagaga ataaatttgt gttgttttaa atccctcagc 139860813  
ttgtggctac ttgttataac aaaaatagaa aattaataca gttgggaaat 139860863  
ataagtttac ctaaaaaatat tccttcgcag ccgggggcgg tggctcatgc 139860913  
ctgtaatccc ggcactttgg gaggctgagg tgggcggatc acctgaggtc 139860963  
aggagtctga gaccagcctg gttaatatgg tgaaaccccg tctctactaa 139861013  
aaacacaaaa aatagctggg cgtggtggca catgcctgta atcccagcta 139861063  
cttgggaggc tgaggcagga gaattgcttg agcccgggag gcgaaggttg 139861113  
cagtgagctg agatcatgcc attgtactcc agcctgggca acaagagtga 139861163  
aactctgtct caaaaaaaaa aaaaaaaaaatt cttcacttct gacaggattc 139861213  
tgcatttgat ctattatgta agacacttac tatacatata gacaggtctt 139861263  
cgctctgttg cccaggctgg agtgcagtgg tgcgatcata gctcactgta 139861313  
accttgaact ccagggctca agcagtcctc ctgcctcagt ctccaagta 139861363  
gtagtacta caggcatgca ccaccacacc tggctaattt ttttttcttt 139861413  
ttagaatttt tttttttttt ttttggatct cactttgttg cccaggctgg 139861463  
tctgaactcc tgacctcaag tgatccttga cctcctttgc cttggcctcc 139861513  
caaagtgcta ggattacagg agcgagccac tgtgcctggc ctgtttaaaa 139861563

taattctaag ggcaaaggat tcaattaaca agtctcaaaa tggatgtaag 139861613  
ttttgcacag gtattcacat ggctgaagta ccaaacatgg tatcatgaat 139861663  
taagtgcgta acatctgaca acggtaacac atgctatfff tgtattattg 139861713  
tgaactcatg gattcaaaat atatttgatg tgttttggtc cattgcaatt 139861763  
attatfffat ggagcaaatt gtccatgtat cagtcttgct ggcctgaagt 139861813  
caagggtgca ggcaggctgg ttccttctgg gggatccagg ggaatattgg 139861863  
tttcttgccct ccttggttca cggttgcttt actttaatct ctgcttccag 139861913  
gcatcacggt gcccaaagta aatgagggtgg ggatgtataa tcctccaact 139861963  
gggagggaca gtcattgtctt aaccattat gcaatctact gtgtctcaag 139862013  
tgtttctgac ttgagaagtt ggtggattgt ggttgcaatg gtgatgtaga 139862063  
gatgattggg agacaacaga tttagtgggt aaattaaaat cagatttaga 139862113  
ttaactgtaa aatgcctaac agacattcaa agcatccatc aagttggaag 139862163  
ttgggtaagg aggactggag ctgagtggag aaaatggaac tagagttaa 139862213  
gatgtggaat tattgacttt tagatggat tgaagtgatg ggactcaaca 139862263  
taaggaaagg agccagcaaa gacagtgagg agcaatcttt gaggcaggag 139862313  
gagtggatc atggaaagag ggaagagagt gcttcaggaa ggaggaatgt 139862363  
tcatctctat caaaatccta ctgaaggatc agtaaagaaa taatgggatt 139862413  
gataagatca aagtcattca tgatcttgac aagggcagcc ccaaggaagc 139862463  
tgtgggtaca gaagcttagt tggagtgggg ggaggagaga ctaagggcac 139862513  
agaaggggag gaagccatct agacaatgct ttcaaggaaa cttactggga 139862563  
aggaatgaag aaaaataagg caatggccaa atccaaggag tttgcctfff 139862613  
ttcctttaag atggaagaca ctggaatag tatgctgata ggaatgatcc 139862663  
agtagaaatg gagaaatcaa tgcaacagga aggaacaata attgagaata 139862713  
atgagtaagg acaaggagca aaactaaca gattggcttt agataggtaa 139862763  
agaatccctc tgtctctctc tttctcatca caatcatcag ttcattagta 139862813  
tatgttatta atacactfff ggtttctaag cagcctgcct ttgttctcag 139862863  
catattgtct acatgttctc atgttgctgt ttatccacaa agtcttagcc 139862913  
taggggacag aaagggacag taagtagggt tagtgaataa cggcacttgt 139862963

ctgaaatgta gctgacctgg ttttaactct gactcaattg cttagcagca 139863013  
ccttgggtac attatattacc tctctaagct tttatttcct aatcagtaat 139863063  
ataagaatgg tatttatttc tatccttatg tgattgttgg agggcttga 139863113  
caagacagta tataaaaagt actaagcata gtgcctgaga cacaggaaac 139863163  
taaaaactat tgtaaattat aataatagta atgattgtgt aactcttga 139863213  
tgtcaatata catgtataat atatttttct tgtgcagtga caaagttatt 139863263  
gtcaggctaa tgactgcaat gactatgtct ttgtggtacc tacattattg 139863313  
gtgaaagaac tgaacaccag ccagatattt atgtatttat tgagtagtct 139863363  
tctatttttt ttccagaggg gtaaagatta taagcggttc cttaggcaac 139863413  
aaattataat ggctgtcatt cactaaatct tgtatatagg gtgggacaga 139863463  
attgaaaaaa caataggaag gtcttghtaac tccaacatat ctgttctcct 139863513  
gaggtttgca tgtgtacatc ttatagcaca ttgatattca gaagtttcct 139863563  
attggaatgc aactatcaga caataaaacc actacattaa aaatgtacag 139863613  
aatgcagata aagaactact tagaggaaga tttatagctt taaatgctgt 139863663  
cattgaaaac atgtgaacta aactaataac ttaagaagt aaaagaaaac 139863713  
aacaaggaac aaagtctcaa cccaaagaaa atagaaggaa gtccataatc 139863763  
aaaatatgag cataaatcaa tgaactagaa aacaacaaaa atcagaaatg 139863813  
atcaacaaag aaaaagttgg tgctttcaaa agataaataa aatagataaa 139863863  
cccatagcac gactaatcaa gaacaacttt tccaggcaag ctaggagtag 139863913  
aaggaaatat cttcaacca ataaaggata tctatgaaaa ctctaaagca 139863963  
aaacctcaca cttaattttg aaacattagc tgcattcctg cagaatcaag 139864013  
aacaagaaaa ggatgcttac tctttctgct tcctttttgt actagagatt 139864063  
ttagccaatg taataagaaa agaaaatgag aagtcagaca aaaggattaa 139864113  
aaagaaagag aatggactga tattatttgc ataaaacata attatcagca 139864163  
taggaaatca aagaaattcc acatgtaaac caataaaaact aattagaaag 139864213  
tccagaagga tcattgatta caacgctggc attaaaaaaaa aaaaaaggtg 139864263  
ctcctataca tgagcaacac caaaacaaat gtacgtaa atgcaaaaaaga 139864313  
tactcttctc tgcacaaaaat cataaaatgt tactgaagga cagagaaaat 139864363

aaaatcaaca gagagataca acacattcat atatgagaca aattgatggt 139864413  
gtaataatgt tggatggttc taaattaatg tatacattta atgcaattcc 139864463  
agaaaaatcc aatagcatt ttctcatcaa atcagactaa ttctaaaatt 139864513  
aatatgaaaa agtaagtatt aaaaatgtat tatatggtaa aaggaatttg 139864563  
agtaagaaaa aaagacaaaa aagagaataa aaagaagtaa tatataaaaa 139864613  
agagaaaaaa acaaagagtg tgatttagag ttataataat taaaatagtg 139864663  
aagcataagc tagacaaatg gatcagaata gatccaagca cctatactac 139864713  
tgaggagcat gatagaagtg acattatgaa tcagtgggaa aaaggagca 139864763  
gtgcagcagg cacacatcc ctttgctaac cccttgagg gatgtaatca 139864813  
gctgtgggac aggattattt taccagggtc ccactgagat accgattctg 139864863  
ttgagccacc tctcattgta gaatctggct caacacaccc tctgatgatt 139864913  
gatttggtt ctcaagtacc tggaaaggag gtactctagg aaggagatgt 139864963  
ccgattctta ttgcttgaa aaaaaatact cactattata aatttgtaa 139865013  
tgaacagtct cgtttgagg ttgtatttta gggcatagcc tagttactac 139865063  
tgatacgtga gtgagtggtc atcagatgat ttccagccct gagggcaaac 139865113  
tgagattgag gtcttaaggg aatggagagg gggctgaaca tgaggatgag 139865163  
gatgccaggg tggacactag gtgctaaaag ggaaaccgag aagatctcac 139865213  
gtgtaaaatc tgtattgcac catttcccca ccaaccctt aggaacatct 139865263  
gccttgaggc gtgatttaag cagtttcaat ccttacagtt tctcttggtg 139865313  
gtgtgggtga gaaatgggac aaggataaag ggaatggaat ttacagtcaa 139865363  
ctaacaaggc tgtggttagt tattagctaa gtcaatgaaa actattcaga 139865413  
tttatctgct tatcttcctc ttcacacca gatatgtgcg tggagtcagc 139865463  
ttgcagtacc tatcaatgac tgctcatttt ccaactaatt tttaaactcag 139865513  
ttagtggagc acaattctgc ctgccaccta gataaacct actgtgggaa 139865563  
tgagggggag ggaggaagaa gaaggaggag gaggaggagg aagaggagga 139865613  
ggaggaagag gaggaggagg aagaggagga ggaggaagag gaggaggagg 139865663  
aagaggagga ggaggaagag gaggaggagg aagaggagga ggagggagaa 139865713  
gaggaggagg aggaggaaga ggaggaggag gaagaggagg aggaaggagg 139865763

ggaggggaagg aagaaggaag ggaggaagga aggaaggaaa gaaggaagga 139865813  
agggagggag ggagggaggg gggaaaggaa gaaggaagga gggagggagg 139865863  
aaggaaggag ggagggaggg aaggaggaag gagggagggg ggaaggaagg 139865913  
aaagagggag ggaaggaagg gaagaagggg agaaagttag ttaataatgt 139865963  
caaaaattgg gaaatatttt tgagaatgaa gaagaaatga taggaaaatg 139866013  
tgttttctct ctctagtaag aaaatagatg cagacatcaa aatacattga 139866063  
tgtagcttac aaattagaaa aaagttttat gagagcattt ggtgcaaagg 139866113  
atataccaac ggtaggacta gctgggacaa actttatgga aagcaattag 139866163  
atattacata ccagtgttta aaaccagtga ctcatggatc tcaggttaag 139866213  
aaaatcttca tgcacaaagt gtgggaaaac ctctgcgagc aatgctaac 139866263  
tgtagcagca taactcaaag tagctaaaat atagaaaaca cgctaagtat 139866313  
ttgacaataa gaatggttta gtaaattata atatgtatat aagagcacta 139866363  
ttaagcagcc ataaaaatga tatttataaa ggattaataa catggagatg 139866413  
tttttcctta tgttaaataa aaaaagtaga aatctggata aatagaagta 139866463  
gagaaataag ccaggcacag tggctcttgc ctgtaatcat ggcaacttgg 139866513  
gaggctgagg caggcagatc gcttgagccc aggagtttga gaccagcctg 139866563  
ggcaacatag tgagaccctg tttctaaaaa aaaaaaaaaa aaaaattagc 139866613  
cacctgtggg tgcgcacacc tgtagtccca gctacttcgg aggctgaggt 139866663  
gagaggatca cttgagcctg agaggtagag gctacggtga gctgaaatca 139866713  
caccactgca ctccagcttg ggcaacagag tgagaatgct aaaaaaaga 139866763  
aaaagaagaa aaagtagaga cataggaaaa atatagagag agaataatga 139866813  
agcaaacata taaaaaac acagtgaaaa aaaccaagag aatgacaata 139866863  
taaagagagt aggctttctc cctgatagtt ctgctttttg tgcccaaatt 139866913  
tctgtgaagc acttcaaaat gtgtcttggg aagccagcaa acctcacacc 139866963  
ctgcttccat ttcttaacaa aacgttttga aaaggcaatt atttaaggat 139867013  
ctgtttctaa taaagcttcc gatgtggcca tgatgtttaa tggaaattgct 139867063  
ggcaaagccc atgagggcat gcgtgttgaa accatagagt aacctggca 139867113  
aagggcctct cttctccaat gtgcaggaca ctgggttacc tggcaccgct 139867163

gggcttcacc tgttcttggg gcatcacaag tttttacccc tggagaagcg 139867213  
ctatttgcca agggaatctt tcaccatttc aaatacatcc actgaagttt 139867263  
ttgaaagcag tgcaccaagt aggaattctt tggtagtgac agtgaggatg 139867313  
taatgaccga gcgagggggc cggctggacc cttctcctgc acaccacagg 139867363  
agaagccaat tcctggaggt agataatttc tgttttcttt tgttccaaac 139867413  
ctcagtcagt ttgaccatct ccttaatatg tgattcatca aaataccaat 139867463  
ttatcagaag tggcttcttt ggctaaacaa tgggctaagc acccatgttg 139867513  
aatccatcaa gagaaggttt taggctgggc acggtggttc acacactttg 139867563  
gaatccccac actttggaag gccaaaggcag gcggatcgcc tgaggtcagg 139867613  
agttcaagac cagcctggcc aacaggggta aacccccgtct ctactaaaat 139867663  
acaaaaatta gcctggcgtg gtgggcgcct gtaatcctgg ctactcagga 139867713  
ggctgaggca ggagaatcgc ttgagcccag gaagaggagg ttgcagtgaa 139867763  
ctgagattgt gccactgcac tccagcctgg gtgacagagt gagactctgc 139867813  
ctcgaataaata aataataaat aaataaataa ataaataaat aaataaagag 139867863  
aaagccttga ggaagataaa atacaggaaa ttttcagcc tttacaaatt 139867913  
gaacctgatt ttgagaatga tccagtgccc cgatttattt tgagaatgga 139867963  
cagtaaattg taccgctggc acagcagtat ttgtgtcctg tagcgtttaa 139868013  
tgacctcgtt ggttgtgaaa ataaaaccga aagatgctgt ctaaagctat 139868063  
atatactttc tgttgtcgtt ttccaactta agtatccttg atgtaaacia 139868113  
tgacaggtgt ccataacat aattgtggga aacatttgca ttaattcaca 139868163  
tcaaaggaaa ccattgtaa acatcagaac atggtgatcg tctgatcatt 139868213  
gcgtattacc tgctttacac agtagcatcc ctggcctcct gcactttttt 139868263  
aaatggcaca ggacttaata acacaatttg acataaaagg atttttttta 139868313  
caatgacaat ttttaaagtt acagcaagat atttaaaaac aacttttcat 139868363  
tgaccctgta agactcactc ataagtatcc ctagtgtacc acttaaccta 139868413  
gggctgcat atcaaagtac taaaaacttg agtggctgga aactccagaa 139868463  
tttatttatt tatttattta tttatttatt cattttttga gacggggttt 139868513  
tgctctgttg cccaggctgg agtgtactgg tacaaaagta gctcattgta 139868563

gcctcaaact cctgagctca agtgatcctc ccatcccagc cttccaagta 139868613  
gctgggacta taggtgtgtg ccaccacacc tggctaatat tttttttttt 139868663  
tttttttttt tgagacaggg tcttgcttca tcatcccagc tggagcgcag 139868713  
tggcacaatc ttggctcact gcaacttcca cctcctgggt tcaagcgatt 139868763  
ctcgtgcctt agcctcccga gtagttggga ttacaagcct gcctggttac 139868813  
cttttgtatt ttttttttta gtagagatga ggttttgcca tghtggccag 139868863  
gctgatctca aactcctgac ctcaagtgat ctgcctgcct tggctccccg 139868913  
aagtgcctggg attacaggca cgagccacca cgaccaggct caccgggcta 139868963  
atTTTTTTTtac actttgtaga ggtgagggtc ttgctgtgtt gcccaggctg 139869013  
gtctcaaact cctgggctca aataattgtc ctaccttggc cttccaaagt 139869063  
gctaggttta taggcatgag ccaccacacc cagaccacca gaaatttatt 139869113  
gtgtcacagt tctgggccag gagcctgaaa ttgaggtgtc tgcagggcta 139869163  
tgttccctat gaaatctgta ggggagaatc cttccttgcc tcttcctagc 139869213  
ttctagtggt tggctgacta tctttgacat accttggctt gcagtggcct 139869263  
gacaccaatc tctgctttca tagtcactcg gcactttcct gtgaatctct 139869313  
gtcttcacat ggccatcttc tcataaggac accagtcata ttggattgag 139869363  
gggcccctgt acttcagtat gactttattt atttattttt ttgagacaga 139869413  
gtctcactct gtcaccagg ctggagtgca gtggtacaat cttggctcac 139869463  
tgcaacctcc tcctcccagg ttcaagagat tctcttatct tagcctcccg 139869513  
atTTGctagg attacaggca tgcaacacta ccctgggcta tttttttgca 139869563  
tttttagtag agatgggggt tcaccatag ggctaggctg gtcttgagct 139869613  
cctggcctca agtgatctgc ctgcctcagc ctcccaaagt gctgggatta 139869663  
caggcatcag cagccgtgcc tggcctatat gacttcatct taactaatta 139869713  
catttgagcgt gaccctattt ccaagtcaca ttctgagatt aggacttctg 139869763  
gaggttagga cttcaactta tctttttgggt ggtgatacaa ttcaacccat 139869813  
tacaactggg gttcattgat tttgggttaa gaacgtggtg agacagtcag 139869863  
agggcagcaa ggggaccctg agaccagagg gtatgaaaca agagtgcaga 139869913  
gaaggaagtg gtagggagac aaatggaacc catgttgcta ttttgcccat 139869963

aaatttgggtg gcaatgatct ctccctgcag atttgggtgc aggaacttga 139870013  
gttactgatg gcaatatttg gccagtttcc agctgaagat gctcaagttc 139870063  
cagatttgag tcgaggctac aaatgctcaa gttccagatt tgagtcgagg 139870113  
ctgcaaaggg aagtttgtgg tgggtgccag gacactctgc tgatgccatg 139870163  
tgtttgaaaa tgtctgaatt ttgtgcatag acacactagc agtattttca 139870213  
taagtggagt tacataatta gggcatggac ttgcataata attagcatgt 139870263  
gtaattaggc acagacttct tgtcctttag acaatcaaga catctaatta 139870313  
caaaattaag atgtaattat gtggccaag gtctacatct ttttttctac 139870363  
ccattagaga ttacttttag aaaataattc aaaaaagctg atgaagaaat 139870413  
gaacatagac acgaatttga ggatgttaaa gaaagtgtta agtgggctgg 139870463  
taagtcttct ttggctcttc ctctctgttg taaggggaat tatttaaaac 139870513  
attatgggcc acttgaaaga ataactttta ccaactgtgc tgtcaacctt 139870563  
cggtaactcac actaatgaag aggagtgttg gtatgactaa tccttggcgt 139870613  
tcacgtgtgg ctcttgagtg tggtttgtaa tcacacttga acatggacct 139870663  
aaatgtgacg tactgggaat tcattcaaac ctattaatgg agccatacgg 139870713  
tggaaatctt aggataactt gggatagagg acatcctgcc ttcccgttct 139870763  
gccctggttc tcccttgtga ccactttaa aatcgactca tttggccagg 139870813  
tgtgggtggct tatgccttta atcccagcac tttgggaggc caaggcagga 139870863  
ggaccgcttg aggccaggag ttaagaccaa cctggacaat atagggagac 139870913  
cctgtctcta caaagaatct gaaatactag ttgggagtgg tggcacatac 139870963  
ctgtagtccc agctacttgg gaagctgagg caggagaatc acttgagccc 139871013  
aggagtttta ggctgcagtg agcctccact gcactccagc ctgggtgaca 139871063  
gaaataaata aagaaataaa tagcacattg ctcagaataa tgcaaaccag 139871113  
cacttaagct gtgtttcctt tccctgaata tttgagtatt tttattttaa 139871163  
gtactcctta ttgactgcag gtgggaaaga tcaaagagta tagcaaatac 139871213  
tctgtccttt gaaaaagagt gattcttata gcagtaatag tttgagtttc 139871263  
aatacacaca gaaagctaga ttgtactgat agtctccatg tttttccttg 139871313  
cccttaaatt gtgatttggc tgatctctgc gtgatgctaa acaaccagtt 139871363

tgactcatta attttgctga actaactgaa cttttgacct aattggctgc 139871413  
tggttagga tcagagccat atgtgcaggt ttttctaagc cagttctgac 139871463  
tttagctgtg ttatccctct gttcctataa actgttgaaa taccatagta 139871513  
attccaatgt tttgacagcc aactgcact tctcagactg ccgctttctc 139871563  
ctgggaagtg gcacagaaat ctgtcggacc acgcttcctg atttttggtt 139871613  
aagaaaatat gcttcccata tggttgcggg ccgagaaaac aaagacttaa 139871663  
agaggttgta agcatttggt gataggtctt ctccctcatgg cgccttccct 139871713  
ccgcttccat ttttactatt ctctgtaagg ccagggaatg tgatgagga 139871763  
caaattatgt gtgtggcagg gaggggttag tcttgacct gaaaatacac 139871813  
acatttgcac agggagcttt tgccattggt agttttttta ccttgccttc 139871863  
tgagcaattg ctctgatag attagaggc aaaggaaagg aattggagag 139871913  
agtggcattt ttaaaacaat ctattaagag gaattctagg tcagagaggg 139871963  
gcagttggac tacatcatct gtaaggcatc tccagctcag aggtttcagg 139872013  
attcgttgat ctccagcagg tcaactcaaca ggaggttgac tggactccta 139872063  
ttctactcac tcaactctag gcctccaatt ttttggttct tagatgtggt 139872113  
gactggaaac ctattctttt gcctttactt ccagagagct cagtaattct 139872163  
agttcctaag agagcctaaa gcatgagtgc aacttcattt ctgagctttt 139872213  
gaaatctgct tttccctcca **gGTACTCCAC ATCAGCATT TCAAGACTGG** 139872263  
**AGAAGTTAGG CCTCAGACAT CCCAAGCCTT CTCCTTTCAT TGGAACTTG** 139872313  
**ACATTTTICC GCCAG**gtaag ggctgtcttc cattggcttc catcataaaa 139872363 [R60Pfs\\*33](#)  
tatgctgagg gccaggcaca gtggctcatg gctgtaatcc cagcactttg 139872413  
ggaggccgaa gcgtgtggat cacctgaggt caggagttcg agaccagcct 139872463  
gaccaacatg gtgaaacccc gtctctacta aatacaaaaa attagctggg 139872513  
catggtggct catgcctgta atcccagcta cttgggaggc tgaggcagga 139872563  
gaatcacttg aaccaggag gtggagggtg cactgagccg agattgcacc 139872613  
attgcacttt agcctgggca acaagagcaa aaatctgtct caaaaaataa 139872663  
aataaaatga aataaaataa agtaaaatat gctgagccca ggacaggctt 139872713  
tctgcatgaa acattggtct tgtccagtc cccacacctt gagcagtaaa 139872763

ggtgttctgt gatgccatga gccctcctct acttatatga attgttatgt 139872813  
gatggcaaga atccatctct tatcactatc aatatgtatt gagtcctgtc 139872863  
atccattcac tcaccattt cccccaaacc ccatatattg tatgtctaaa 139872913  
tacgtcagac cctagagtgt agaagaagag gttacttgtg ccctcaagtg 139872963  
cactgtcaaa tgatggcatg caacaccaga tgagatacac cctagcacta 139873013  
aataggggtg tatagacggt agctgtaatc ttctgtcaga ggagaggggtg 139873063  
atctgtcagg gctaaaatca tcctaaggaa cttcctgaag aaggaggtcc 139873113  
ttcagggcct gtggacatag agacgagggt acacacacca ggtgggtggc 139873163  
actatattatg tgagtgtacc aacgtgagaa tgacagcaca ggttgaccag 139873213  
cagcctggac tgactagagg ccaaatgcta aggtgcactg ggcaatgcag 139873263  
ttgggtgaga gaaaggggca ctagatgctt acagggtagg aaggcacgtg 139873313  
aagaactatt tgtgtgttaa ctttttgag gacagggaca ttgaaatgga 139873363  
caacactctg caaggagaa gaacataggt tagagctgta gaacccaact 139873413  
gttgctgaag tccaggggtg aagccacgat ggctcgtct ggtcgggtgat 139873463  
gagagtgaat agagatggat aattgggagc aaaatgaaga actcctgtga 139873513  
caaattagtg tagagaattc aaggcaaagt gagtcaaaca taagcctaag 139873563  
ctttgagcca ggggaacagg gagaatggct atgggttgac agaaataaaa 139873613  
cgttgggtgg gggagtgggt cagggagaag acaagtttta ttttaagtat 139873663  
gttgcttggg atttgccaga gtgacatgcc agtggaaatg gccaacagac 139873713  
atgttagat ataggtcagg actttatggt ctacggttat tttttctcac 139873763  
attgggtttt ctcagaagcc agatggctta ttctgctaag tcacggggac 139873813  
actgactcca gacccaacgc caggagccgg aacaccctgc atgggaagaa 139873863  
ccaccaagcc aaacaaaggc aggaagacta aatttgggac aatcctgata 139873913  
atatcccttc aacatctcta gaatttcccc catccctacc tccggaaagg 139873963  
ctggcccttg gcactagata gaaaagaaag ctgctctttc tgtccttttc 139874013  
tgccccacc ttctcaatta tttcttttcc attcctttct gtgtccatca 139874063  
ccttttccat gatttgtcat tgttgtttct gtcttcctag catttttaaa 139874113  
caccttctcc tctcatctct ctctctgggg tgggcggttc acaactttta 139874163

agctcacaaa caacagtctc aatgaggctt cctgtagcc ccttgaaaca 139874213  
agtgatgaaga aattttaaag tgtcaagata gaacaacaaa ccagatcgga 139874263  
aagctaaaga aatgcatctt cacacatttc tggggggaaa tgatcagttg 139874313  
tattccgtgg aataattaat ttggtattaa cattctgagg aaaacggcgt 139874363  
agctgtcgac atgaggagaa cgctgtgctc ccgcctctgg agagcctcca 139874413  
catatgctcc tttgcagccc gccatcctca cagctacaag ccctgccaag 139874463  
ttctttctag aacatagtaa tttcgctgac tatttttata ttcatatata 139874513  
ctttccttga tatatggcaa gcttacgctg cagaattcag tagatttcat 139874563  
gagaaaggca tgtgtttcca tgcaggacat ccacactcct aacccccaac 139874613  
ttccacctt cattccacc cttatgtatc caccacatac tccatttctca 139874663  
caacacaaat ctaccatttg ccacccccca caccaccccc aactcatgag 139874713  
tattttcagg tctagtccat tcccaccaca caatggatct agcattttcc 139874763  
accctccgt caaccagct acacttcttt cccattataa aatgtgtcta 139874813  
gccaggcaca gtggctcata cctgtaatcc cagcactttg ggaggccaag 139874863  
gcaggcagat gacctgaggt caggagtcc agaccagcct ggccaacatg 139874913  
gtgaaatcct gtctttatta aaaatacaaa aattagctgg gtgtggtggc 139874963  
acatgcctgt aatcccagct actcaggagg ctgagacagg agaatcgctt 139875013  
gaatccggga ggtggagggt gcaacgagct gagatcacac cactgcactc 139875063  
cagcctgggt ggagagcaa aactctgtct cgaaaaaaca aacaaaaca 139875113  
caacaacaac aaagtgtcta gcattttgtc ttatatatct taaacatggt 139875163  
gaatttaatt aaagtttaac tcgaatggat catgataatt cagaatttgt 139875213  
gataattttg atagactcag tagaagttac atatagtggc agtaaaaagg 139875263  
gctatatgat aatgctaaat caaatttcag agggcaatgt tatagttgag 139875313  
aaagcaaact ttttgaatat tttagcagca agtatacata agtagtttaa 139875363  
gaactggtga tctctcctgt ccaagacttt tacatggcaa tttttttaa 139875413  
agccttttgt ttattccaat gtttcaaagt acctgaaagc aatataactt 139875463  
ccattctttt ttattgtttc tgtaattgta ttcttgctgt tccaaattgt 139875513  
ttactgaata agtttgaata attggaattt tgcttaactt tattcttact 139875563

atagtgcctgt gtttccttca gGGTTTTTGG GAAAGCCAAA TGGAGCTCAG 139875613 [R71Efs\\*25](#)  
AAAGCTGTAT GGACCICTGT GTGGgtaaqa aggaaactca acgtttctat 139875663 [p.L77Cfs\\*19](#) [IVS3+5G>C](#)  
tatgtacgat attttctatt atgtacgata ttttgatttt cacgtgttga 139875713  
actgatatag aagaaatgcc aagattagga atgttgatg tgtttctatt 139875763  
tttcaaaggg cccacaaaga gggagtcctg cagtacagac aaggcttcta 139875813  
gagaagacc tgggggttgcc cacgggggga ctctgctggc ctgaaagagt 139875863  
accactttcc agcctttgca gccttgctgg gctgggcaca gcatcatctc 139875913  
ccgttgctgt gctgaggggt gttgccacgg gatgtgggtg cctctttgcc 139875963  
tcagagcaca aactgtccaa ctgacctga cagtgcacag caggtcttac 139876013  
cccatgagca tatctgaacc ttactcagac tcgggtcctt cagcccatgg 139876063  
ggaaagtgtg ctgccagcaa catgaccgtg taatttatca cccaatccag 139876113  
ttcccttttg aaagtgaaag gaagtgctat taataattac cccaggataa 139876163  
ccttatcacc taagactatc ccggatatgc tggggcatat ggtcaccta 139876213  
gttcttgcc gtgtaaagta atatagccct tctctttatt ttctgaattt 139876263  
ctcctttgta tgctcctttg tttctaaaat tccagattct ggtgagcaaa 139876313  
cccacgttca gaccacttac tctattcaag atttaacagg ctggaattgt 139876363  
attgattctc aacatgtgtc tttccacact gaagtcctaa tcattttagt 139876413  
tggttttcac gcagcttctc ttcagccact gagcgatttt tttgcagctt 139876463  
ttcgtagacc tctgggtcag cgatcacttt tgtaggtgca ttaaagttct 139876513  
cctgtgttgc cgacgtacat tccaatgggc tccagtgatt tgggggtcct 139876563  
atctccatag tattcatgat gtctgttctc ctgataccca tttttgaaag 139876613  
ggattggctt gtcctcttta tggaaatggc ccctcctagg aagcccacag 139876663  
ttttgggtcaa gttcttctac ctactttttg gtttgctacg tggctcctgaa 139876713  
aaagtaataa attaagatgt taagatgctc tctgtattag tcattgctgc 139876763  
ataatggact accccaaaac tcagtgacat aagcaacaat ttatgattta 139876813  
tcatgtgtct aagggtcagc tggagttggc tggcctaagc tgcacttggc 139876863  
tggatggctc cgctggactt ctgggtgtat ctgctgggga ggacctcatg 139876913  
tggggcacca aggctctgca tgtctctcat cctctttgga agtgtaagct 139876963

cggctggcag gttctcatgg taagggcaaa gactcaagag agcaagcctg 139877013  
atggtgcaag aacattatac atttctgctg aatcatttca gcttataccc 139877063  
tattggttaa accaagtcac acggctaaac ccaagatgtg ggcaggaggg 139877113  
cactgtggcc actttgaggc caaagcaaga cacctggccc agcctgacat 139877163  
tgatggagca gggaggtgta ctccctcggat ggacgagcgg ggaggcaagg 139877213  
cgtgtcttta aataacaagc aaccctgctt cactccctaa gatctctttc 139877263  
aacttggcct tcacttactt tttcattttt gcttttttgg gcatagcttc 139877313  
ttgctttaag cgtgataggt gctcgataaa ggctcaagaa attgaaactgt 139877363  
ctacatttct cttaccgttg tgtggttcta ttgctttttg tttttgtttt 139877413  
ttgtttgtgt tgtttgtttg ttgttttgca atagagtctt gctctgtcgc 139877463  
ccaggctgga gtgcagtggc atgatctcag ctactgcaa cctctgcctc 139877513  
ctgagctcaa gcgatgctcc tgcctcagcc tcctgggcag ctgggattac 139877563  
aggcgcccgc caccatgcct ggctaatttt tgtattctta gtagagacgg 139877613  
gattttgcc a tgtagccag gctagtctca aactcctgac ctcaagtgat 139877663  
ccacccatct tggcctccca aagtgcctggg attacaagta tgagccactg 139877713  
caccagctct attgcttttt tttttttttt ttttgagacg gagtctcgct 139877763  
ctgtcgccca ggctggagtg cagtggcgcg atctcggctc accagtctat 139877813  
tgctttttaa aggttctcat tccagctctt tctttcaaac agtctcattc 139877863  
tgcagctgag ttggcaatga cttggagact gtctcatatg cctctgagac 139877913  
acagcactga ctcagaatga cagtgccttc accagaatca gaaaaagtcc 139877963  
tgactgagtt tgaattctag gaaccacttt tcttgagtgt ttcttgatca 139878013  
gatatccaaa gtagagcctt tgggtattta aaaataattt gtaaatgcca 139878063  
aattaagagt ttaaagggca ctgtatgaac tagttgtgtg tgtgtgagag 139878113  
agagagagag agagagaagg agagagagag agagaatgac agagaaaaag 139878163  
agagagagag aaaaggagag agaaagagac agagaaagag atagaaagag 139878213  
atagagagag atagaagagg gggagagaga gagagagagg agagagagag 139878263  
gtggagcga ttggtttcct tgacaacagg atatccaatc aactttttcc 139878313  
tccaacttta actgagtaa cacaatttat ccttttcatt tcaagaaaac 139878363

ctaaatcata gagaatgatt tcaaatgagg ttatagagat caagattgca 139878413  
gtatcatctc cattctttgt tcccacttct agtgaaaagg aaaaaagaaa 139878463  
ggtgatggca taatttcttc ctataaagct atcaactttt ctcctttgga 139878513  
aaaaaaaaaga tgagccataa aacactgact tctttttaa tgtgtctact 139878563  
cccagattta gaggcaatat ggtggcggtg taaaaatgaa agggttgaac 139878613  
caatctaaat cgaatgtctt ttctaactct aaatgttatt ttcttactgc 139878663  
ttaaatttta gcaacatagt ttcactcatt gggaatggac tatgctcaat 139878713  
gaacagcaaa gacccttctt gcagagaaca atttaattta aattacatta 139878763  
gttttttattt tattttttat tttactttta ttactaggaa atataatcaa 139878813  
tcccagcttg gtcttcttaa aaattgaaat aatagattga ttcattattt 139878863  
gacaagtga atgccacact ctacactggt gatgccgtgt agagatgtat 139878913  
tgggccttta gatgacagct tggcactgaa tgttgggaga aaaatggaca 139878963  
gggcaaatct cctcactgct cgagactgga aagccaacta tgatggcaat 139879013  
gtatatttat tatctggttg tcaccctagc aattcaagag tttgaggctc 139879063  
aaaactggaa attgactcct tactcaattc ccctcccact ccctaccatg 139879113  
gggacaatag ggctggagaa ggtttccatc aagatgggca gacaacatca 139879163  
atgtttatca ttaccaccaa cactgccacc accaccacca tcaccaccac 139879213  
catcatcgag aacaaaatat cttaccaag tgtctactta tgtagcctgc 139879263  
tttgccaggt tctgtgtaaa taaaactaca cacggtgtct ctgccttctt 139879313  
tgaacttgaa tgtaaagcag gaggactggc gtggatacct atacagctat 139879363  
tagtcgtggt ggtacgtgat aaaaaactct cctgaattgc acagcaacct 139879413  
ggccatgtaa cacaaagaag gcaaggcttt attgctttag ataaccttca 139879463  
tcaattaatg attacttggt atctccttca ggctgagaat gagccccaag 139879513  
ttggatttat attccttccc aaactctgta agaacagaat caacattatc 139879563  
gtcatacatt ggtgattgaa tatggtttat attcaatata taccaatatt 139879613  
gaatataaat atatattgat atatattcaa tatatcctgt ttggatagag 139879663  
attatatccc ctccaatttg tagctggact ttgtaacca gtagatgata 139879713  
aacctttatt aattacttat agttaagtaa gaataaatat ttacacagtg 139879763

ccctaagttc aggtcattag caactcctaa aggccgcat tcaaagctcc 139879813  
ttttcccttt atctcatttt gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt 139879863  
gtgtgtgtgt gtgtgttttg ttttgtttg ccttttgagg cagagtcttg 139879913  
ctctgtcatg caggctggag tgcagtgga cgatctcagc tcatggcaac 139879963  
ctccacctcc gaggttcaag tgattctctg gtgcctcagc caaccaagtt 139880013  
gctgggaata caggcatgtg ccatcacgcc cagcaaattt ttgtattttt 139880063  
ggtaaagacg gggcttcaac atgtcggcca ggctggtctc aactcctgac 139880113  
ctcaagtgat ccaactccct cggcctgcc aaatgtggga attacaggcg 139880163  
tgagtcacca tatccagcct atctcattgt cttttaaagt cttgctctat 139880213  
agttctgctt ttacttagcc ttatccccgt ttcttcttcc cccaacatca 139880263  
ctttagtttt gatcttggct ccctcttgtt gaacttgact tttacacttc 139880313  
ctggcatcca tcagctatgc cgctccattt tggttaagtgg cacctgcatc 139880363  
cctggatccc ttcattgatgc cagccttgtt gcataacctc atatactccc 139880413  
atcagagcat caagttgtag gtaggtaagc atgaactttg tacataattc 139880463  
ataaagtaca aatgagtata agaaaaaagt aacttgctc ccaccctggg 139880513  
gcccatctgc tccttcacag aggcaacctc tcttaaaaat ttctttatag 139880563  
tcaaatggat catatatgat acatgctgtt ctttaccttg ctttgttcat 139880613  
taatggtatt tgggaaattg tcccattttg cttcattcat tcttgtaaaa 139880663  
ttaggtagtg tttttaagga tttccttgta tgaatgtatc ctaattttta 139880713  
aaacaagttc tcaattgata aacatctctt acttttaca acaccatcgc 139880763  
agtgaagatt ttcataata catcattgat gtctgggta agtatgcaag 139880813  
ataaattcct agaaatggaa ttattaggtc aaagatggtc tatgttttta 139880863  
atctcgataa atatgactaa atttctcttt ctagggttta tgcagttta 139880913  
gattcccata aatatgcata tgtccctccc atacttgctc ttaaaatgtg 139880963  
tggtcacaat ttaaatctt taccatttga tggatatattg ctgcagtttc 139881013  
gatgtgcatt tctctaatta tgagcaagtt tgagcatctt ttcatatggt 139881063  
taaaatgcaa tgtattttgt tttctgaggg atcctttgcc acttctctgt 139881113  
tgggttattg atcttttccc actttatttg tagaagctct ttgcatatta 139881163

aagaaagtag ccttttatat gccttaaata gtttctcctc tttatcattg 139881213  
tctttgactt tgcttatcat atatttcttc caatcagaaa acatttgttt 139881263  
ttgtgttggt gactttaatt gattttaaca gtgtctacat tttgcatctt 139881313  
actcagaaag gttttctcca ccaaggatat tttttcataa actttcattt 139881363  
ttctagtttc tttaaatfff atttttaaaa tatagaatgt ttgatatafc 139881413  
aggaatttat ttggaagatg gagttagga cacacccttt tccccccct 139881463  
ccaggagggt agagtccat ctggaaattc atccttttcc aatgatttg 139881513  
aatgtcact tttatcattt attaattcct aggtgtattt ctgatttctc 139881563  
tattctgttg tactgcttaa tcacaagcca gggctgcact gaatattcctc 139881613  
gtttggatgt cacgtttgta gcttcttgta cctagctgca gtaggggtgtt 139881663  
ctaagaacat ctttgtaagt atcaaagcct gaagcaatct atctcccagg 139881713  
gaaccttagg tcccatactg aaaaaaaaaa tcaatttagc aaataaataa 139881763  
gcctttggta taaagggcct gacacttagc ttcaaagttc acaccacagg 139881813  
agggggaggt gtctcatatg cctccaagtt ggaggttttt agcaccattt 139881863  
ttaaaattta attagctagc atgcatgaac taatagcacc ttgtcaccag 139881913  
gcagtgagga agttgagaac tttgggatac ataaggaaaa gcatgtggca 139881963  
tcagcaatca aaataacaag gtcgtttcaa cactttttaa agctcagctt 139882013  
ccatggtgcc atccattagg agagtctgtg ttctggaagt gactaagggtg 139882063  
tgaacacttt tcgtgtaatt gctcttaacc atcatgttta tgtactattt 139882113  
agatgggggt gaagaacagc atagagatgg tttactttaa tactggcaga 139882163  
tggctatgtg agacttctcg gcctaccatc atggatcaag aacaacggga 139882213  
attgaagggc tctgaaagac tcacctgttg gacatgtttg ttctttgact 139882263  
tagaagatat gagacatctg aatacactgg gcttgaacat gtggctgagg 139882313  
atagggtagg gtggaaacta ttgctgattt gtccaagaaa agacaagtac 139882363  
ttagacttaa attgggcagc tgacacctgg agatggcact tgtttttaa 139882413  
ctggactgag ctcagtagaa tcatagatgt tgaagaaagg tggaaattaa 139882463  
gccaccgttg tggaaagagct tcccagacac tgatgctaag gagtcaaact 139882513  
ttaggttttt gctgctgata aaagtgaag cctcagtatg aggctcattt 139882563

actaaatggt tgacccaaaa atgtggctca attctaagag gaattgatga 139882613  
aatgaaaaat atacatagta tattgagaaa acacaatacc cttgaaacag 139882663  
tggaattaag cacagaagtc ctgaattatt ctaacatctc tggccatgag 139882713  
gccaaactgt gggcaatatt tgggtcccct agcttggtga aagctggctt 139882763  
tcatgaaagc gttgaaagca aagctgtgca ttgccgttcc caataatgtg 139882813  
aatctgaaag caaaattcat gtgagaccat catgatggtc tgtaggtcat 139882863  
aattattgag catcattcag tgagtgaaat atcaatattc tcaactggtca 139882913  
aaatagctta atcatgaaca ctaagcctgt aagagcacct tttttaaatg 139882963  
attggaattc actaaactgc attattgcat tttagggggg ccattattct 139883013  
ctaaaagtga atgccctgac atagtgtgct gatgttttag gaggcctttg 139883063  
agaataggaa gaaagttgtc cacaggacaa ctatcaccaa gccaaagcaca 139883113  
ctgcccagta ggtggaatta tcaaaggaac aattgtccac agataaataa 139883163  
gtggcttaga ccaaagagac agaggaattt gatttgagtc ccacttttct 139883213  
tgaatgaacc attaatagac tcttcaccct tacctgccac cagcatgatc 139883263  
tcgttatacc aaatagtgtg ttgctacaaa gcttccatgc tttcttatga 139883313  
tttaagacca ctttctttcc cagtcttgat ccaaagaccc ttctgaagtt 139883363  
tacctaattt tctggacttc taacttcttc tttcagccca tttattttat 139883413  
accagttcat ttcccccat cctctttcta taacagcata tgggtgatgg 139883463  
ttgctgcata ttttaatgac tactgctatc taagtctttg tgaccaccc 139883513  
tcataaagat caagaacctg tattaattcc ctcttctttg ggtagaagca 139883563  
tccaacaggg catgatagct tacagtagaa atctgcagtt aaaatcccag 139883613  
cttcaacttt ctttctctct actgcttggt accttaatgg atttaggcca 139883663  
atcacttccc ctctccagct ttagttctct tagatgtaaa atgtgggatt 139883713  
tggaactagg cggtgatttt gacactgttt aatcatgaac ctcaagtaaat 139883763  
aatatattaa ccacattggt atctaataca cacacataca tttgaaataa 139883813  
aagttttaca gaagaacacc ttattcacag tataagaacc actttgatct 139883863  
attctattgt attgtattct atctgtaaaa aataaaacat ttacaagttg 139883913  
gtcacagccc attaaattga tttcatgacc actagtgagt caaaatcagc 139883963

aatttgagaa gcaaagggcc agatgatatc tgaagtcctt tccagttgta 139884013  
aactggatga ctacaaacca atgagacagc ccctatcagt gtgcatcaga 139884063  
aaattgttag aggccattgt gtttgcctct ttgtggttta agattctgag 139884113  
aaacctctgt caaagtcagt aaaagccac cgttcacagc tgaaaccgaa 139884163  
ctccagtgga agcacttctc ctgcagagac cagctcccgc acctgactgt 139884213  
gggccaggc tgggcacctc ccaccagta gcaccttctt gttctttaa 139884263  
atcacaagt caactattat tgaaattatt tccaagcctt aactcggaat 139884313  
catgctaaga agctaacaca aatatattaa ttgaccattt aagacatctc 139884363  
tctgtaagat ttttgcattg ggtgtaaata tctaagtaat tcatgtggat 139884413  
atcttctccc aggtagggtg ggccagctga ttacttattc ccagggagct 139884463  
ggagcagcag gaaggaatgg cctggaaact ggaaataatc ccatttgccg 139884513  
gggtaagcta gctgtggaaa actgaccagg ctgtgggtac cgagagagca 139884563  
gcttcctgct aaacttcctg ctgtgggtga agggcagcgt ttaaagagta 139884613  
agatgggtgct cccattcca gcaaactctg gccacagtgg acagtccagg 139884663  
agagagctgt gcaccaggaa ggtgtcagct ggacagtagt caggcgtcca 139884713  
gtaaagcagc gatgaggagg ctgtcagtg acaccagggc cccactagtg 139884763  
ggtggttcag gaacctgaga agccccggc cctgagaaaag gagtctaggt 139884813  
agtacagcag ggtctcagcg gtgagggctc tgaggatgaa ccaggaattg 139884863  
acattcagtt ctaagattca cagcatcatg tgaggcccag gaccagaagc 139884913  
cagaccta atctccgatatc agtcagggtg gacaggtcca tcatggttg 139884963  
aacagatcca tgctggagag gcaccgagtc tcatgatgtg tggctggagg 139885013  
ttgttcctgc ttctggggcc agggctgggc ctgcagatga gggacagagc 139885063  
acctggctag aaaggagaga ggactgcagc ggctggagcg tcagccacag 139885113  
atthtttaatt ttgctttcct tgatattcac atccaaaatc taccatggag 139885163  
aactgtatat cacgttcaag gtggaagga actaactcat tcctcattag 139885213  
taactatcaa atatggcatc agtaccttct ttatcctgta agtgacagct 139885263  
ctgcacagat gtgttcccaa tcgatagaat gtctcaatta aagttgcata 139885313  
aaagctctat tttgagctaa tatcttcaaa taataaattc cacatttaat 139885363

tgaagcgtac ctgcaacaaa tccaagttgt tcaacccaaa atgcataata 139885413  
gagtatgtaa aacagtcatg aatcactgtg acatttgtca aggcattctc 139885463  
ccatctggaa gcaggtccag aaagcacatg gctgtatgca tatatctttt 139885513  
gtcaagaact ttgcacagac agtctcaaaa agtgcacaca tttaccaat 139885563  
tcttagggct cttcactctg attgagaatg caaatagcat tcctattcta 139885613  
tctaaaaaga agaaagacaa gccatctttg atttcaaaaat ttaaaagaaa 139885663  
ttattactaa atttgaagaa gcaatgagtt cccaattcac ttagagctta 139885713  
aagttcctct ttcactacta ttttgtgagc agaggaactt tttccaaaca 139885763  
agttcttaga aatccttgct tgattaaanaa ccagttctaa atcttgttac 139885813  
tcacataggg caaaaggtaa aggaatctaa atgtctaaaa ccaaattaac 139885863  
tccagatact agtgtgaact ttcaagcaaa aaaagtcaca caccaccgca 139885913  
tacacgtttg aaattctact aaattttgaa tgtttgacgt tagcctttaa 139885963  
actggaacat attcttcttt cttccttagg atctttaaata cttttaaagt 139886013  
ttgggttggt tactatgcat tctaattact cctgatcact cttatgtgta 139886063  
acatttctat agctatgcac acaaagtaat tccttagcaa ggccccacca 139886113  
agttttatga tgccctgctg cctagggcag ataataataa cttaactacg 139886163  
aaaataagtt ctttgattat tcttcgtatc tcaagaccgt gtcctaaca 139886213  
acctctcctc catctcacc tcaagctgca agaattttgc aaccactct 139886263  
atgaagtttt tccaccctga gtaaggctgt cagtttattg gcctatttat 139886313  
aaaggtctga ctctctgaca tgttctccag gctccccaca ttaaccacta 139886363  
aggaggcact ctttgcatg gaattttttt tttttttttt ttttttttgg 139886413  
cctcggctta aagaggaacc tattaacctt tgcccggaat ctatggctgg 139886463  
tgaatggctt gtcatacat gttagtttga tgaggcaatt gtggtctttt 139886513  
ttgttaaaac accccccagc acctcttgat actacttggc ctactggaga 139886563  
tgtgggcatc caggattgaa tcaaaaactac tgcacttcac aacagagcta 139886613  
ctgcaggaag gaaatccagg tactccctgg cttgtgccac ctccatcttt 139886663  
tccgtggcta atgtaatgcc tagtgcatat tcaccacaaa gaggcaactg 139886713  
ttgaaatggct cttccatttg ctttgaaga ttgcttgtaa ctcttcaagt 139886763

tcacttcttc atctcactgc cagaccacag cttgagactg atgattgaca 139886813  
tggccactag gttcttccca aagactccag cctaaagatt gttagctgct 139886863  
tcccccaaag gcttagcctt ctctgctaga gttttggttc tttggagcat 139886913  
cccattgagca agaagcctca gctctttgtc ctctctgtg taggagccca 139886963  
caaggatgct ttatctccaa tctggaatgg acacttagca tcctgagttc 139887013  
tgccctgctc aaaatccata cctgttcattg agtaccaggg cttcagggcc 139887063  
cgagaaccca cagctaacac ccataggaga aaggtttcat atgagtaggt 139887113  
gggatgggtt ttcattgcctc tacaacctgg ccagcaggag gaacactgtg 139887163  
accattggtt tcagaattga tggctctccca cttctcgggtt agatctaggt 139887213  
attgagaata acctgaagga catttggctg gaggacatta tttttattgt 139887263  
gttaaaatat gcatcacaca aaatgtactc tcctatTTTTT cattgtatag 139887313  
atcagttgca ttaagtacct tcacattgtc gtgcagctat catcatcgtt 139887363  
cacatccaga atTTTTTTca tcttgcaaag ctgaaacttt gtcctcatta 139887413  
aacattaact ctcccttccc tcctcccccga gccctgaca accaccattt 139887463  
taccttctgt ctctacaaat ttgactactc taagtacctc aataaagtgg 139887513  
aatcatatgg tatttttctt tttgtaactg gtttatttca cttaatataa 139887563  
tatctcaag gttaatccat gttgtagcac atgggagaac tactgccttt 139887613  
ttaaggctga gtaatattcc attgtaagcc tattctgcct tttgtttatt 139887663  
cgtttgtttg tagatggcgg agtgtgttac ttccagcatt gagctaattg 139887713  
gaataatggt acttgaatat ggatgtggaa atacctcttt gagaccctgc 139887763  
ttttagttct tttgggtata tatgcagagg tggaattgcc agatcacaga 139887813  
gtaaatctat ttttagctct ttgaagaccg tcatactgtt ttccatagtg 139887863  
accataccat ttcacctttg gaggacatct tatagcaatg ctttgttgtc 139887913  
cccttttcac cacgattatg tggccattac ttcttgTTTTT caaaccttga 139887963  
gagtgagctc aggttaaatt taccactccc tttgtgcctt ggatcccaac 139888013  
tggccaaggt gaaccacaca tttctaattg gaatgtatga ccccagtac 139888063  
tttgctgta acttcctttt ggctaggcca gtaagcgcatt ttttaaccaa 139888113  
accgacccca ttatcaacaa atgcttgcac tgcacgataa attcagtttg 139888163

ctttaataaa ttcccagtag tcctcaccca gagctccttc tcctcttatac 139888213  
tcactccttg ctgccaaacc ctttacaatt tatgtgtctg cctttcgggt 139888263  
ctgccttcag cccctccaa gtttcctctt tcccaccagc tcactgtggc 139888313  
ctttgtgtct cacataaatt ttgtcttctg tgtctgaaac tcttactgac 139888363  
ttctgcttcc ttgttccctg ggtctacact gttccttctc ttctggaac 139888413  
tgacccttcg atctctgggc ttcctacctt gagtaatttg tcaaaatcct 139888463  
gttcttgcaa ttggtggctt ctcaatTTTT ttctctggg tttttttccc 139888513  
acagtctttc cactatatca cagggcatac actcctgctt catgactgtt 139888563  
catgacatat tgaattcccc tcttgtacct cacagtctct gcactgagtg 139888613  
tgtgtctatt gggaaagggt agctcacatt atacctatcc aaaaaaggag 139888663  
agggtggcagg tggcctgtgg agaagagtgt atccaggcac atatgcatgg 139888713  
gagaaagttc agaggttttg gctgagatag aaagaagaag agtagaggcc 139888763  
aaatgtgtgc taggaaaatg tgatgtttgg ggcaaaagta gagaggacaa 139888813  
ccttggcagt ggcatagag agagaacctc aggactgggtg ctaaggaggt 139888863  
gggttattta aagaaagttg tgcaggtata gagtggagaa ggggtgcagg 139888913  
gggaggatgg aattgagtta aaaaaaaaaa ctagcaaaaa acattctgat 139888963  
agcacagggt agagagataa gaggattta gattatcaga aatggaagga 139889013  
aaagaaggag aattttatag agaaagtgtc ctgtagtggc cgggtgtggt 139889063  
gactcgtgcc tgtaattcta gcacattggg aggccgaggt ggggagattg 139889113  
cttgagccca ggagtttgag acagcctggg caatatagtg aaaccacatc 139889163  
tctacaaaaa ataccaaaat tagctgggtg tgggtggcatg tgcgcctgtt 139889213  
gtcccaagta ctttggaggc tgagatagga ggatcgcttg agccaggaag 139889263  
gcagaggctg cagtgagctg agatcatgtc actgtaatcc tgtcgaaaaa 139889313  
aaaggaaaaa aaaaaaagaa aagaaaatgt cctaaaaatg cagcaagtca 139889363  
ttgattgtaa caagtaagag atgagtcaac attaatcact gaggctgact 139889413  
tcaaatgctg gagacaacat ggtgattcca ccataattaa gaggttgaac 139889463  
agggcaaaga caaaatagtt ttatcttttt cttaatccgt tggagcttgt 139889513  
cctcatcctc atgtgttcaa gctgttataa caaagtgcc tagactgggt 139889563

ggcttatgaa taacagaaat ttatttctca tagttgtggg gactgggaag 139889613  
tccaagatca aggaaccaac agattcattg tctggtgagg gctcactttc 139889663  
tggttcatag atggtgcctt ctactgcac cctcccgtgg tggaagaggt 139889713  
gaaagagctc cctagggcct cttttataag agcactaatc ctgttcaaga 139889763  
gggctctgcc ctcatgacct atttgtcccc caaagacccc accttctaata 139889813  
actgtcatct gggggtttaa gatttcaaca tatgaatctg ttggggggat 139889863  
ggatacaaac attcagacca tggcagagct gctaaggaga cattgggtgc 139889913  
aaggtgactt aggaatgaag cactcagagg atcaggaagc tgcattagga 139889963  
aggagagagg aatgggagct ccagggtagg cctggaatcc ggaatctcca 139890013  
cctcccaccc tccaacaatc gaatgggggtg tttcccgcag tgtgtccttg 139890063  
agaccatcgt ttccactgac agtaataatt gttacatggg gaatagcaaa 139890113  
aggaacacag gtctcttcag tgtagaaaga ctccgaacct ttcatgcagc 139890163  
aatgtccttc gacaatctcc aagtgagaaa tttaggatgc agtctttttt 139890213  
tttttttttt tttttttttt gagacagagt ctctgtttgt cgcccaggct 139890263  
ggagtgtgtt ggcgcgatct ccgctcactg caagctccgc cttccgggtt 139890313  
cacaccattc tcctgcctca gcctcccag tagctgggac tacaggcgcc 139890363  
cgccactgcg cccggctaata tttttgtatt tttaggagag acggggtttc 139890413  
accttgttag ccaggatggg ctgatctcc tgacctcgtg atccacccgc 139890463  
ctcggcctcc caaagtgtg ggattacagg cgtgagccac cgcgcccggc 139890513  
caggatgcag tctttatttg accacagaac atttttcccc ccagagtatt 139890563  
tcttgggact aggatatgga gaacaggctt tgagagaaaa cactgatcta 139890613  
ataaatacca gcattttact cctaaagaat tccccataaa agacaacat 139890663  
taatagaaat agtttacttc accattgtga attatcaaca ttacaaccag 139890713  
taattactaa ttacctccat tttgagttga tgttttgggg gatgttttta 139890763  
tcctgcagtg ctatggagag gctgggaacg cactgctgcc tgtgttgctt 139890813  
gtttatttat ttccttttat tcccagtggt ctctcattcc cttcccac 139890863  
cccaatagtc aaccattcca attgtgttta atgtgttttt ttttcacatg 139890913  
ttcttgcaaa ttgtgcatta tcatttcgtg gatattatcc ttagtttatg 139890963

ccaatagtac tgccgtagat ctcatctat tccttagttt tttcatttag 139891013  
cactgtgctt tcaaggtcca gcacagagtt cccattgagt ctgctgcttc 139891063  
ccatggctgc ctgacatgcc acggatgcct gtacctactt cacctgtcca 139891113  
ctgtcccagg aggagatacc cagtggccct cagcaagcaa ccctgcagtg 139891163  
ggcatccttt tatgggacct ctacggacct gtgggagaac tctatgggct 139891213  
atccatcttg ccctatgatt ataatatata tatatttatt tatttatata 139891263  
tatataattg ttccctaagg ccacttacat attaattgct aataatctga 139891313  
aagtgttttc cagcactcag tgtggatcat gtccctccaa tatagtatct 139891363  
cccattggcca tcccataaac atccctgaga gtttggccgg gctagtgtga 139891413  
ttatcctcaa tcatacagaa acatgagtga ctagaatgaa aagggcgtgt 139891463  
ggctagtaag aggtgtgagc agagtgtcac aggttctttt tattaatcca 139891513  
aagctctttc cattccactg cctcttcttg ctgtttcttc aacattccaa 139891563  
acagtcctgc cttaggacgt ttgccataac aatacgtaac ataattattt 139891613  
gttggttgac ctgctttcct ggtagaatgc aaacttcacg agggtaggga 139891663  
cttgctctct tgtttgtgct gctatttcca gtgcctagaa tggtgactga 139891713  
cacataatag atgctcagta aatatctggt gcgtgaacag aagaatcatc 139891763  
tctaagtaca tgtctttcat gtcagatttg tctccaagga aacttcaaac 139891813  
aggaaggctt tgctatttgg ctaatttggg taatggtact attttactgg 139891863  
agacaaataa aaggaattag ggggagagtc tcatattaaa atagagggtt 139891913  
ggataagggg agtttatact ctttcccat cagtggcttt tatgctctat 139891963  
caattcagta gttagcccat caaagtaaaa aattgaatta cactgtgtaa 139892013  
ggccaccttg ggatccaaaa gataaaagag aagataaggg acatgttctc 139892063  
ctgatacact agctgggctc cactcaccca agtcattaat tggagtctta 139892113  
ttgggctact gcctcatatc ctactcccga agagctgata cctcccataa 139892163  
cctcattctt agggtcagct ggccgtacca gaaagagcac tggattagga 139892213  
gccagatctg ggttctggtc ttagctcagc tatccctact gatgggacta 139892263  
gaatgaatga gtcatttatc attttcttc ctttaaaaaa tacttgaggc 139892313  
caggctcagt ggctcaccgc tgtaatccca gcactttggg aggccgaggc 139892363

gggtggatca tgaggtcagg agttcgagac cagcctgacc aacatggcga 139892413  
aaccctgtct gtactaaaaa aatacaaaaa ttagcctagt atggtgccgc 139892463  
gcacctgtaa tcccagctac tcaggaggct gaggcaggag aatagcttga 139892513  
acctgggagg cggaggttgc agtgagctga gatcatgccca ctgcactcca 139892563  
gcctgggcga cagagtgaga ctctgtctca gaaacaaaac aaacaacaac 139892613  
aacaacaaca aaacaaaaca aacaaaaaaa cttgagcacc tacctatctc 139892663  
acaggtctga catgagactc aaaggagctc tcagagccct cccagggcag 139892713  
actgtccaag tatcagggat tccaactggg attccactgc tccttgggtg 139892763  
tcttgtagcc agcctgcatc ttggggagtc tgccgaattc agaagcccca 139892813  
tacctacca gctcggggtg agcttcttga gtccctgcaca tgggtcctct 139892863  
caccctcatg tctccaggga ctctccgcc tgggtaaggg gagacagcac 139892913  
acatcatcca gtcctctccc ctctttgggc ctcattttcc tagctatgaa 139892963  
atgagggggt tgggctagaa tgatcatctt gaagcttccc tccatctcta 139893013  
aagtattatg atcagtgctt tattatTTTT tccctgcctc tgatttctct 139893063  
cccactgtgt ctgaaattct tttgccatta aattttctct tctttcagag 139893113  
ttgcatatct gggcttttta tacctagtcc tggacagcac attcttccca 139893163  
tggcactggg cttcctcccc tggcctcact gtcttttcag gagtgcatt 139893213  
agctttttcc cagaccgtgt attcctgttc taagcccaca catcatttgg 139893263  
ggagagatga ttttgccatg tactctcaca aatatatgtc ctgcacatat 139893313  
tctatggaat agacacacac acacacacac acacacacac acacacacac 139893363  
acacagctcc cttcaatacc cccgaatata catgcctggg cataacgtgt 139893413  
gggcaaaaat attcaggac agccaaatga ctattttaat gttcctttgt 139893463  
ccctgcaggg ccatcgaact atttatntag tagcttgatg ctgtttgcat 139893513  
caacaacttt gccttatagg ctgttcttca tgtttatgat tcttactgtg 139893563  
aaaaaaattg cttgcctaac atctgttctg aatttgtttt ttctttattt 139893613  
ttatttatct gttccccatt gaattacatt tgcaccaaga acagtaactt 139893663  
gaattgtaat cttcagtgtc cttcaggatt tctgcacact tcaatacatc 139893713  
tcttaattac tcttttttta ttgttatgag atatacatat atacccatgc 139893763

tcacactggc agattggttt gtagcttacc tctgcctgtc cccctctggg 139893813  
gactaagttt tattaactga ataaattaga tgggtgggta tattcaatag 139893863  
agtagggagg tttatcatta caggtttctt tcagatattt ttcccccttg 139893913  
ctgcccagtt ctctccttta gccatagctc tgttttggag aaagctttat 139893963  
tgtagcttga cagagtcata actcaccagg atgagaagga ccacttcatc 139894013  
ttatagatga agaagctgag ggccaggggg gaggctatct tcctgcctgc 139894063  
ttccagaaag cgtggagaat agctgcccc gcgccattct tgagaggtag 139894113  
agcacagctt gaccctgcct ctccaggctg ccaagcctgg gggctttcct 139894163  
tagcagcagg aggcctcctg ggactaccgt gccaccaccc acgcaccaca 139894213  
ccattgctgc agaccagtc ctttgcagag caagcatttt gcatgttttc 139894263  
catgggtgtg gctgggttgg ggtggttagg aaagtgtgca gaagatggtg 139894313  
tgggagaagg gcagggcatg gagaatcaca gtgggtctc tcatgcttg 139894363  
tgactctcc tggtaggagct ggttctctgg cctccctcag gctggctcgt 139894413  
gtgactggag ccctcattaa ccccctgctc tcaccactta gaaaccaacc 139894463  
cagggaccaa ccaagcatat tcccagcagt aggcaagaag atccctaaag 139894513  
aaggaagtg agacctgctt ttattcccct gatacttggg aaatctagca 139894563  
gatatagaga cagtgacca ggtatccaag ggattggtcc aaattacca 139894613  
tcctgtaact cgaaatgcaa tgctctttct accatcggtt ctccattctt 139894663  
tctggaaggt gtgtccccct tcttcctttt gccctttccc aactccttg 139894713  
gggtctatg tccatgtctt ccaatggcac aaagtcagag gggatggttt 139894763  
ccccatgtct tgaagtgtc actgctggcc ctgctccaga tgttgtccac 139894813  
tcaacagaca tttcagtctt tgctacgtgt acagcatgga gctcatggca 139894863  
gtgggagaga ctaccatcc cctccagaaa atgtatcatt catgtctctt 139894913  
ttcccaaaga aagctgacat ctaatttagg agaaaaacc agacatgggc 139894963  
caagttgctc aagaatgcca ggtagtatag tggctgactt ctacaagaga 139895013  
aggacaggac acccagaaag aaaccagaa gaacaggaaa cccagaaaga 139895063  
acaggaaaca ggattctggg tagaatcatg gaccagtgaa ggagagaag 139895113  
gcttctagga ggaagtaggt ctggaagaat gaataagggg gaggtgaggg 139895163

caaagaatgt tccactcagt aaaaacagcc agagaaaagc ccttgagggtg 139895213  
ggaatgggtg ggggaatgga agttgtggct ggagagaggg acacagatgg 139895263  
attggccagt catcatcaca cactggaaag ccttcggttc caggcgaaga 139895313  
catgtttgtt atccttttgt tacccttgct aatggcctgt aagctgctta 139895363  
aagccatgtc ttgcaggca gtttctagag atggggtttg aggggcaaga 139895413  
tgtttactag ggatcagtga agggaaggag gagaaagctg tcagtcatcc 139895463  
cccagtagga caaaatgcca cctctctgtg ttcctactca gcccggccac 139895513  
tgatgtggg ctttaccagg aaggggtga cccagtgac atggatctca 139895563  
gcagctgagg ctggccctga aggagctaac agctggaggc tccctgctga 139895613  
ccacagtctc ggctgctgga cagcaagtcc ttcccagaag ggggatctgg 139895663  
acgacatgtc ttgatgtcat cacatcatgg gaactctagt tcaaatgaag 139895713  
tttttggcag aatcaccagg ttgaagtggg agtgatctg agggttctgt 139895763  
atgctgagct tccccacaga ggactctttg ccccgctaga cctgagactg 139895813  
gctggggcca gccacaaagg caggcccatg gctgatggag ccaacagggc 139895863  
acctctgcag ggggcacctc tccaggtgg taggagtgaa atagagcagg 139895913  
ccccaaagtt tagaaaatga ccaggggctg ggtgaatttt ggaagcaaga 139895963  
taaagtgtga taaagagaaa aaaggattct gaggtttcaa gtctggcttc 139896013  
agagttgaaa gctccttctg ccaggaggag taatagggaa gccaagagga 139896063  
taaaatgatt tcccagtcct ggaaaggcag cttaaaacca tccttccact 139896113  
tgctcttaag ggtgaggcgc tctgctagct tctcagggat gcacggacag 139896163  
ataagatggg ctttgtcttg agagaacttg cagagcgatc aggagcttat 139896213  
caataaacag aggtgatgc aggtcagtag aggaaaggac caggtgccac 139896263  
agaaactaca aggagcgaag ggtccatgaa gccttcacaa agaggggag 139896313  
gtgacccgac tgtctgaagt tttccaaact aacaagaggg cagccggcac 139896363  
tttagagggg aaatacttgc aaagaggcag agcaggggga atactgcaca 139896413  
tctggggaac cataaataac tttttcacag caagaatgaa aggctgtggt 139896463  
tcccaaactg tgtgctgaga cccccaggg tgccacagtg aactcacagg 139896513  
ggcttcctgg gctatggtat ttacacatt cgtgacaaat acagcaacat 139896563

ctgtcaggca ctgtaggaac tgctttcagt ttatgtgtat tatttcttca 139896613  
aatgtccact aacttgctag aacatgtata cttataaaagt tgtttgaact 139896663  
tatctactta gaaatgagac tgtggggttc ttcttttggc ctggggagcg 139896713  
ctacgaagac attactgagt cactaagggc accgtgaact gagaacgttt 139896763  
ggaaacacag gtataagagg aatgggggtga ggagagaagt caggagctcc 139896813  
tgaagggccc ctgcttggtt acaagtgaag aagcttaaac ttgcttcaaa 139896863  
tgatggagaa ccactagaga tttatagga atagaacgac acagtcagct 139896913  
tctgttttac aaaggtgatt ggccttggcg ggagggttg tttggagaca 139896963  
gagagcttca ctgggagctc ctcagtggtc caggcgagag agacagggcc 139897013  
tgaagccagt tggcattaga cgttggagct ggaatacagc aactgcgctt 139897063  
gacatcatgg aattccact gcatgcttaa caccataatg aactagac 139897113  
atcaaagata agaagacaag atgtgtttcc accactcaca aacgagcaga 139897163  
aagacagtca ggaaaaaat tacaattact agagaaccac taggagtcaa 139897213  
ccaggcaaga aaagaggagc cgttccaggc aaggcagggg gaacagcatg 139897263  
tgcaaaggca tgggagtgag agatcatgga gggtttcagt cggtatgatc 139897313  
aggattggct cttggcggtg ggggtggggag ggggaccggg ggcaggcagg 139897363  
cggggggaat aaggaggcac aaggccaaag aacaaggcag ggagcaggg 139897413  
gtgaaggaca tcatgtgcca catgctaaag acttggcaaa ccattgaagg 139897463  
gtgttcagta aagaagcagc atactcagat ttgcacttta ccaagtccta 139897513  
ggtggataag tggagttggg gccacatgt ggacaagcag caggtcagaa 139897563  
tgatggagac agaaacctct gagtgggag tccaaagtct ggccaggaag 139897613  
aggaccaggg attgtaccag cctgaaaagg gcaaaagaaa gttgctgaac 139897663  
aggctctaca aactcctgaa aggggagggg ctgagaaagc gctggttcgg 139897713  
tccattgatc tctgcagggc tctgtgaatt caggggtggac cccaggcatg 139897763  
agtactctga gggtaacatg ggcagatggt gcctgaccct gctcagagtg 139897813  
acagacagga gccctgggaa agcaactcca gactccatgg cctatgactg 139897863  
tgtcactggc tcctcaagaa aactctccct ggtagctgag tctgctctgt 139897913  
cattcagctg actcaagcct cttgctctaa tgacagacgg gagagctgac 139897963

ccaaaagga aagacactcc atgagccaag caggacaga gcccaggac 139898013  
tctggggacc ctgctttctc catggcacc catggaccat ccagccccgg 139898063  
aggagcgcct gtgagtcaaa tgcccaggta ctcccagcac tggacttctc 139898113  
cttaactttc tctgaacttt ctggaagttg agcatctcag aactcacia 139898163  
ctgtgatctg cagtagcgtc taccctttc ctactgagc ctctgccc 139898213  
ttccacatgg acattccatg gcaaaggta gacttgagg taggacagca 139898263  
gctaccctgt tagcatcctc agcctgctgg gaaataaac tgtcacggag 139898313  
acaagaagtt ctgagatgct tggcatttag cagttgtcag aggagctgaa 139898363  
agccctcatc agttctacct gaaaatcaga agtttccca cgtgcatggc 139898413  
tttttttttt tttttttttt tttttttttt ttgagacaga gtcttgctct 139898463  
tgtcaccag gctggaaagc aatggcgcaa tttttgtact ttagtagag 139898513  
acggggtttc gccatggtgg ccaggctggt ctcaaatcc tgacctcagg 139898563  
tgatccgcaa gtgctgggat tacaggcgtg agccactacg cccggcctgt 139898613  
gcatgccttt ctgttccttc tgctgatgtg gggggtgttg ggctcctgtc 139898663  
aggggcctcc tgatgccccg ttggggcact tcctcgtca gcttcctcgt 139898713  
ccctgacaaa gtggcagcag cagggtgtgg cccatggaag gtgacctga 139898763  
ccagcatttt cattaactt tactgttcgg acaaactatt ctcatctgac 139898813  
ctcataacgg tctctttaat cataggaaca gttcaagaa ggttgatttg 139898863  
ctcaaggtga tacagctggt aaattacag acaaagcctt gagccaagt 139898913  
tcctaagact ctctgacacc tgcaactgtg gactgcccag ccgccactct 139898963  
gcctctgaca gtctcggggg accaatccag tgacaaattc tccctctcct 139899013  
tttttttttt cattgcagaa gtcacatgcg ctctattataa aactgaac 139899063  
gttcaaggaa tagataagat gaaaaggaca gtgcccata atttctgct 139899113  
ccagatctat gccctgtaag ccaggggtct gacacagagt atgtgctcaa 139899163  
taaagtcttt ctgaaggac tagttaatag aaagaccgac tataatttat 139899213  
taacagagct cccatacta ttttacaatg tgctttcca tttggctggg 139899263  
tcatttgac atttttcat gtcggtgcct gtagtgacc ccctgccac 139899313  
caccaccagg aacagtctat agctcgtca cccctaacag gggcaggcct 139899363

tctggaacaa ggccaggcag cccccaggct aatcccaaca gtctattcta 139899413  
cttaagttcc cagaaggcgg ctgtgaacta ttttggttta actgactggg 139899463  
cagtttcaaa aaagagagaa aaccactaat taaacaagtc aaacaagtgg 139899513  
ttatTTTTgt ctacacaata cttcactgat ttgcctacat tttctcttca 139899563  
accaggTgct ttggagttga ataagtgaat tcttaattgc atagctaaat 139899613  
gtagatgaat aactggTtaa gaatttcttg cccggaaagg agtctatatg 139899663  
taagtttGga ttagagtga ccaaggcctt acctctttaa ttgggctggg 139899713  
ggttttctgg tccattaagc aagaatatgc tctaaatctc cacctttgaa 139899763  
agccacagtc tgcacagctg ggagcctgcc tgctttccct tgcacaccta 139899813  
cccagcactg gagcgggttc aaagacaggc cccccgagct aagagcagtc 139899863  
actggaatag atgacagcat gctcaccacc aaggacctgg gctggggtca 139899913  
agTccctgtc ttgggcaagt gactttgcct ctctaagtct cagtttctta 139899963  
ttctgaaaag tggataaaat aatgtcctca tccattttct atgagaatta 139900013  
catgaggaaa tacaggcaat gcacttagaa tgaagcctgg tcaatagtaa 139900063  
accctcaaaa taaatgctaa cgattgttgt taatctcaaa ggtttgagaa 139900113  
gaatctacaa cctctgcaaa tatttcaacta gtatgagaag tttctttgca 139900163  
ccctatagga agtagaccta aaattcaaac accccatact ttaatttctt 139900213  
ttcaaatttg taggaattat aggatttaca gttccagtaa actacagaga 139900263  
taacttagtt ttcactcca tatttcagcc atggcccaga gagtttcaga 139900313  
aatttgcgcc tggaacggat ttctgtgtga gtggatggc tggatgaacc 139900363  
cggatccac ctgctaagct gttgcatatt aatctccagg acccatgcca 139900413  
cctcagggag caggaagaca ctgcctcaca ttcacacctt tgtgcaatac 139900463  
caagatcagg cccttctagg gaagtaagct ttgagaggca gaatggcact 139900513  
gggaattcac aaggttgaga agaaaaagg gcaccatact agttaggact 139900563  
tcctgatttc aaattatggg aaaccaaca caaactaact ttagcacaaa 139900613  
ctaactaatg taagctagga ggatggaatg aagagctgca ggaggaaagt 139900663  
ttggactcta tattgtgctt tgtaggcagt ctgtctatct gaaatctctg 139900713  
ctggctctca ttagctcctt ctgcagaccg gctctctcca tgtggtacaa 139900763

aaatggctgc catcagccct agattaatat attctcagtt tagcagctcc 139900813  
aggagaaagt cagagctttt caccccagca tccatgtaga aatcccaatg 139900863  
aaggatccat accggcctgg agtgggtcat gtgtccaccc cttggaccag 139900913  
tcaactgttc caaggagatg agatactagg attggccatg cctgggtggt 139900963  
gagcccacca ccatgaccag aggggcaggg ttctatcact gagagctcct 139901013  
tcagaactgc atggaatgcg aggggtggtc ctcaagatgt agtgggcaga 139901063  
caaaagcagg tgagccatcc cagacacca aaacgaaagc tatgtgtgcc 139901113  
taggacacac ttcccttaca ttttttctcc attcaaggtc ttttcaggag 139901163  
ctcctcaaac tacagatgag agtttttcta aatataaatt cacaagatta 139901213  
cacaatttac atgtaaaatg ggaccagttt tctcacgaga ttcataaacc 139901263  
agctctgaag caattctaaa ggaattgttg caaaattggt tttagcatta 139901313  
gcaatattac tacaaaaaaaa aaaaaaaaaa agcaggaaga ctccaaggt 139901363  
gactacttgg aaggacaact ttcatttgaa agtagaagta ttattttggt 139901413  
cctttaaaaa aatctagatt atgctgaaga ttattatgat aactaaatca 139901463  
atacaaatat attaccaaaa gttgcgtgtg ccctacagtg taattgcttt 139901513  
ccttttagat ctaagaattht agggaaatga gaatgggtgt gaactttggt 139901563  
taaatataga gcaggttttc acccaatcag attgggtcca caatctgtca 139901613  
atcacatcag gatcccctgg gagcttggtt aaataggagg tgcttgggtc 139901663  
ccaccccaga gactctggtc tggtaggtct gggtagggcc aggcattatt 139901713  
atctctgaat gctccgcagt tggttttgac aagccctcga ggctggaaac 139901763  
catggcccta ggacagcatt tctcagagta tggaaagagt cctcttgcatt 139901813  
cagaatctga gagctgggtt aaatcagatt cctgggccct acccaggcct 139901863  
gctagattag tcttggtagg gagcttggct gtgaatttag agtttattaa 139901913  
gctccccagt gactttttaa aaatttttaa ttttgaaata attatagatg 139901963  
gacaggaagt tgaaaaaaaa atgtatgggg aagtcctatg ttcccattac 139902013  
ccagcttccc ccaatggtaa cctcttgcgt gactatagta cgttatcaaa 139902063  
accagggaga atgaccctgg gtatgacca cagtgttat catatTTTTT 139902113  
ccaggtttat atgcactcgt gtgtgtgtgt gtgtgtgtag ttctatgcag 139902163

ttttatcacc tttgtagatc tgtgtaaccc ccaccacagc caagataaag 139902213  
actatcctat gaccataagc tctctagaac taccctgtg tagccacatg 139902263  
caccatcac caccatcac cctaaccct ggcaaccact aatgtgttct 139902313  
ccatctctat aattttattt caagaatgtt atgtaaacag aatcatacag 139902363  
catgtaatct aatgatattt gttttttcag tcacaaaatt cccttgagat 139902413  
tcatccaaat ttgtgcatgt aacaatagct tgttcttttt taaattgctg 139902463  
catagtattc cgttgtagat atgtactaca gtttgtttac ccatctacc 139902513  
aatgaagaac atttgaattg ttttcagttt ttgcctatta caaacaagc 139902563  
tgctgtaaac attcatgtac atgtgttctg tgaatgtaag ttttcacgtc 139902613  
tctgggacag atgttcaaga gtgcaattgc tgggtcatag cataagtatg 139902663  
tggtagttt tataagaaat cgccaaagcg gctttatggt tttacctca 139902713  
catcagcaac ttataaatga tccactttct ccacatgtt gccagcctt 139902763  
gatgttatca ctattctttt aaaattttag cttttctgat agatgtgaaa 139902813  
tgatatctca ttgtggttt aatttgaact tcaccaatgg ctaataatgt 139902863  
taaacatctt ttcatgtgtt tacttggcat ctgtatatcc tctgtagtga 139902913  
aatgtctgtt catgtctttt gccattttc tattttattt ttccataagt 139902963  
tattgggggt acaggtagta tttggttaca tgagtaagtt ctttagtgg 139903013  
gatttctgag attttgggtc acccatcacc tgagcagtac aactgcacc 139903063  
atatttgtgt cttttatccc tcaccctcct cccactctcc ccaacccca 139903113  
agtcccaaa gtccattgta tcattcgtat gcctttgtgt cctcatagct 139903163  
tagttccac atatcagtga gaacatagga tgtttggtt cccattcctg 139903213  
agttgcttca ctcagaataa tactctccag tctcatccaa gtcactgcaa 139903263  
atgctgttat gtcattcctt ttaatggcag catagtattc caccatacat 139903313  
ataaccaca gtttctttat cactcattg actgatggac atttgggtt 139903363  
gttccatgat tttgcaatcg tgagttgtgc tgctatgaac atgccatgca 139903413  
agtatctttt ttgaataatg acttcttttc ctctgggtag ataccagta 139903463  
gtgggattgc tggatcaaat ggtagttcta cttttagttc ttttaaggaaa 139903513  
ctccacactg ttttccatac tggctgtact agtttacagt cccaccagca 139903563

gggtagaagt gctccctgat cactgcatcc acgccaacat ctactgtttt 139903613  
tttaattatt attttttgat tatagccatt tttgcaggag taaggttgta 139903663  
tcacattgca gttttgatcg gcatttccct gatcatcagt gatgctgagc 139903713  
attttttcat ttgtttattg gccatttgat tatcttcttt tgagaattgt 139903763  
ctattcaggt ccttagccca ctttttgatg ggattgtttg ttttttctt 139903813  
actgattttt ttgagttcat tgtagattct ggatattagt cctttgtcag 139903863  
atatatagat tgtgaagatt ttctcctact ctgcgggttg tctgttgact 139903913  
ctgttgactg ttccttttac cgtacaaaag ctctttactt taattaggtc 139903963  
ccagctatth atctttgtht ttgttgcatg tgcttttggg ttcttggthc 139904013  
cgaaatcctt gtctaaacca atgtctagaa aggtttttct aatattatct 139904063  
tctagaatth ttatagtht aggtcttagg tthaagtctt taatccatct 139904113  
tgagtgaatt tttgatgag agatgaagat ccagthtatt ctctacatg 139904163  
tggctagcca attatcccag catcgtttat tgaaagggtg tcctttccct 139904213  
acttcatgth tttgtttgct ttgtcgaaga tcagttggtt gtaagtatth 139904263  
gagthtattt ctgggttctc tattctcttc cattggtcta tatgcctgth 139904313  
tttataccag tatcatgctg ttttggtagc tatggcctta tagtatagth 139904363  
tgaaatcaga tagtgagata cctccagatt tgttcttttt gcttagtctt 139904413  
gctttggcta tgcaggctct tttttggthc catatgcatg ttagaattct 139904463  
tttttctaath tctgtgaaga atgatggtgg cattttgatg gggattgcat 139904513  
tgaatttgta gattgcttht ggcatgatga tcattttcac aatattgatt 139904563  
cgacccatcc atgagcatgg gatgtgtht catttgtht tttcatctat 139904613  
gatttctthc agcagtgtht tgtagthtct cttgtagagt tctttccact 139904663  
ccttggthtag gtatattcct aagtattht attttttgc agctattgta 139904713  
aaaggggttg agthcttgat ttgattctct gcttggthcat tgttggthta 139904763  
tagaagagct actgattggt gtacattaath cttgtatctg gaaactthtgc 139904813  
tgaatttht ttatcagthc caggacctth ctggaggagt ccttaggtht 139904863  
ttcaagghaa acgattgat tgtcagcagt gacagthtga cttctcttht 139904913  
agcgatacgg atgctctcct ttctthcttc cttcctcct tcattccctc 139904963

cctccctacc tttctttctc tttctctctt tctctctttc tctctttctt 139905013  
tctttctttc tttctttctt tctttctttc tttctttctt tctttctctc 139905063  
tctctctctc tctttctctt tctccctctc tctctctctc tctttctttc 139905113  
tcttgtctga ttgttctggc taggacttcc agtactatgt tgaagaggag 139905163  
tgggtgggagt gggcatcctt gtcttgttcc agttccgaga gggaatgctt 139905213  
tcagcttttc ccattcagt attatgttgg ctgtgtgttt gttatagatg 139905263  
gcctttatta cattaaggta tgtcccttgt atgccgattt tgctgagagt 139905313  
tttaatcata aggggatgct agattttgtt gaatactttt tctgcatcta 139905363  
ttgagattat catgtgattt ttgtttttaa ttctgtttat gtgggtgatc 139905413  
acatttattg acttgcgat attaaacct ccctgcatcc ctgttatgaa 139905463  
accacctga tgttcgtgga ttatcttttt gatatgttgt tggatttggg 139905513  
tagctagtat tttgttaagg attttagcat ctatgttcat caaggatata 139905563  
ggtctgtagt tttctttttc ggttgcattc tttcctgggt ttggtttttag 139905613  
ggtgatgctg gcttcataga atgagttagg gagggttcct tctttctcta 139905663  
tcttgtggaa tagtgtgaaa agtattgga ccaattcttc tttgaatgct 139905713  
tggtagaatt ctgctgtgaa tccagatgca agtccttagt caggtaggta 139905763  
gtttgcaaat attgtctcct agcctgtagc atgtcttttc atcttcttaa 139905813  
cagtgtcttt gaaagggcaa aaatttttaa ttttgatcaa gttcaacttt 139905863  
ttgatttttg tcctttatgg attatgtttt agtgtcaagt ctaagaactt 139905913  
tttgccaagc tctaattttc aaagattttt tttttacttt tctaaaagt 139905963  
ttatagtttc acattctaca tttaattctg tagtccattt tgagttcatt 139906013  
ttttgcataa ggtatgaggt tcatattttg cctatggatg ccaattactc 139906063  
tagcatcttt tttttttttt ctactctgt ctcccagctc gtagtgcagt 139906113  
ggcttgatct tggatcactg caacctccac cttccagggt caagcaattc 139906163  
tcctgcctca gcctcctgag tagctggcac tacaggtatg tgccaccatg 139906213  
ccagatagat tatttgtatt tttagtagat atgggtttta ccatgttggc 139906263  
caggatggct tcaaactcct gatctcaagt tatccacctg cctcggcctc 139906313  
ccaaagtgct ggaattacag gcgcgatcca ctatgcctgg cctactctag 139906363

catcttttgt tgaaaaacct acccttcctg cattgaattg cttttgtatc 139906413  
tttgtcaaaa ttatcagttg agcatatata tgtgggtcta cttctgggtt 139906463  
ctctattttg tcccattgat ctatgtgttt gtctttctgc caataccaca 139906513  
cagtcttgac gactacagcc aagttttggg atctcgtaga ctgattcctc 139906563  
ccactttatt cttttttcaa aattgattta gttattttaa gttccttgcc 139906613  
tttccatata agttttggaa taagtttgtc tacacctaca aatattcttg 139906663  
ctgagacttt gattggaatt gcattaaact gatatgccag ttttgggaga 139906713  
attgatattt ttacattgtg gagtcttcca atccatgaac atgatatgtt 139906763  
tctccactta gttcttcttt tatttctttc atcaacattg taaatggcaa 139906813  
tgtgctttca tttggtttac acatgttcat tgtagcatg tagaaatgct 139906863  
attgactttt ttttgtatgt tgatctggaa tcctgcaacc ttgctgaact 139906913  
cacttattag ttctaagatt gtttttaaat tttttagtag tttctctgta 139906963  
gatatcatgt catctcaaaa tagggacaat tttatttatt ctttttcagt 139907013  
ctatatgctt ttcatttatt ttcttgcctt attgcactgg ctagaacttc 139907063  
caatactatg tcaaacaaga gtagtgaaag aggacatcct tgccttgttc 139907113  
cccacttaa ggaaaagcat tcagtccttc acattaagta tgacattagc 139907163  
tgtaaggttt ttgtagatgc ctttatcaa gttgaggaac tcctctctat 139907213  
tcctgagagt gtttatcatg aacaagtgcg ggattttgtc aaatgctttc 139907263  
tcatgtcaac tgatataatc acataatttt ttatttttca ggcagttaat 139907313  
atgggtgaatt atattgattg ttttgaaaat attgaatcag ccttggacac 139907363  
ctagaataaa taccacttgg ttttgatata taagtctttt tatatagtgc 139907413  
tagatttgat ttggtgaaga tttttgtggt taaggatcatg agagatactg 139907463  
gtctatactt ttctttagat atctttggct ggttttggta tcagagtaaa 139907513  
cctgtcctca taaattgagt tgtgaagtgt tccctcctct tttatcttct 139907563  
ggaagatatt gtaaaattag tgttaattct tcttttaata tttggtagaa 139907613  
ttcttcattg agaattctac attagagaat tgtactctct aagtacattg 139907663  
agtaccacat cataggggtg tgtaattttt gcttcaacca tcaagtatga 139907713  
tttaagagac tccaaggtat cctggcctgg agatgtgttt ttcaggaaat 139907763

tttaaattat gaattcaaat aaaaaatag aataattaa ttttgaaatt 139907813  
taattaaaat tattagtagt tttgtggttg taagattatt cagattgccc 139907863  
acttcatctt gattgagctt taatagtttg taattttcat agaattggtc 139907913  
aatttccttc tagtttttaa atatattagt ctaaagttgt ttgtagtaga 139907963  
cccttatcct tttagtagct gcagtgtttg tagtgatata ccatttcatt 139908013  
cctgatgttg gtgttttggg tcttctctct tttatctttg ttagtcttgt 139908063  
tcgaggttta tccattttat tgatattttc caaagaacca gtttttcggt 139908113  
catcagtttt tctgtggttt ttgttttcag gttcatagag ttctgcactt 139908163  
ttttttttat tatttccttt cctgtgcttg ataaggttct ttgttcttct 139908213  
ttttctagtt tcttgagatg ggagcataga cgattcattt aagatctttc 139908263  
ctcttttcta aagtagcatt tagtgctatc aatttctctc tccacattgc 139908313  
tttagctgca gccacacatt ttgatata gttatctagt cattacatta 139908363  
tattcaccat tatagtagtg tatttgttct cttttattcc ttctgctcct 139908413  
tgtttcattt ttcttacctt tttgtggata acttgaacat ttttcagaat 139908463  
tccattttgg cttatcataa ttttaaaata gtttttctta gttcttgtgt 139908513  
aaatacacat atataattta tcacaatcta tgagtatgaa tgccttacca 139908563  
tttgagtga tatgtagaaa tcttacttcc attttggacc ttttagcctc 139908613  
cttactttta aatatataatt gtcttaagta tatcttctaa gtgcattgag 139908663  
taccacatca tatggtggtg aaatttttgc ttcaaccatc aagaatgatt 139908713  
taagagactc ctgagaagga tagtctatta tttttatcca tttcattgtc 139908763  
ctttcctttc tgaagttcca aactttcttc tgttatcatc tccctttcct 139908813  
ttctgtttgg agaacatcct tcagccattc ttttaagggtta aatatgtgag 139908863  
tgacaaaatc tcttagtttt ctttcatcag agaatgccat tatttccact 139908913  
tttctcctga aggatacttt caccaaatag atgacttgtg attgacagct 139908963  
atttcctttc agcacttgaa aaatgtgcc a ttccttctg gcttccatgg 139909013  
ttcctgataa aaaaaacctg ctgtcctttg aactggtgtt ccctatagat 139909063  
aatacattat ttctctctgg ctgttttcaa gatgtttttc tttctttttt 139909113  
agttttcaga agtttaacta tgaggtatct tggcatggat ttccttgggt 139909163

tcacatctgagt tgagattcac tcagcttctt gaatatgtag gtttatgtct 139909213  
tttgcaaaat tcagaaatth tcagctgtta tttcttcaag ccaaggtgac 139909263  
ttttaagcac attgtatatt tgagaaacat tgctctggag gggggttgag 139909313  
agatccaagg acttctcaaa ttgtatgcag aatgctgtta agtgtccaca 139909363  
gctttcatta gattctcaaa agactccatg accctcacca tacatthttat 139909413  
aaaagaattg gtttatggcc ttattgagtt gttttttgtt ttcttggtta 139909463  
aaatcagtaa aagcaaacia acaaacacia aaagtagtta gtattctthtt 139909513  
ctttctttgt accacatctg ttgaattcct gtttctcaaa gattthtcctg 139909563  
acaatthttg aaaatacgat gactcaggta aatgthttcc aagtgcctaa 139909613  
tatgtgccag acaaataatt ttattgthtt ccatagttaa tgagaaggag 139909663  
aagaatthaa aacaatthaa atcatttggg tttatgaaaa gttcttggtta 139909713  
aataagtgtc agagthaaat tggctgctth tcagtgtgac thtcccctth 139909763  
aaaatctgtt cttactgtc ctgagctgga tacaccagcg atcaaattac 139909813  
atccctgaaa gtataatthc atacaccgaa aacatgtcat tacacagtgg 139909863  
gccgcttgtc atcactctgg ctgctthtgc acagttggtta gtccggcact 139909913  
cacggtthcc ccaagcaggc ttgtccctgg ctcaactgtc ctagctgatt 139909963  
cctccagcca gcagaccctc acctcctthg tcaccctta thcttgact 139910013  
aactthtthg catctthcag aactcagctt ggggaagcacc acctctggga 139910063  
agcctthcag ctctthtctc caagcattga gttgagtgtg cctccaggtt 139910113  
cactcatgcc tgccagaaca tcacgctgta tattaattgc ctaattgtct 139910163  
ctcctgtcag atagtcagac ctttgaaaac tgtgactggg thcttgattg 139910213  
ctthcgtgcc cccagtactt ttgtaagtat aatatgacat gtgtthtacgc 139910263  
actatctcca gttagagthc acgccaccag ctgactgact gactgagcct 139910313  
thcatccata thttcathaa tgtcathaa tatctgttga gggctgggca 139910363  
cagaggtthca tgcctgthaa cccagcactt tgggaggccg aggtgggagg 139910413  
atcacttgag gtcaggagth caagaccagc ccagccaaca aggtgaaacg 139910463  
ctgtctctac thaaaaataca aaacttagct gggcatggtg atgggagcct 139910513  
gthaatcccag ctactcagga ggctgaggca gaagaatcgc thgaaccagg 139910563

gagggggagg ttgcagtgag ctgagatagc accactgcag tacagcctgg 139910613  
acaaaagagc aagactccat cacaaaaata aaaataaaat tttaaaaagt 139910663  
acctgttgag ctccctttata tatagggtgtg gcgaccagat attcagttct 139910713  
tccaagcag gtttaatctt tcctcacaag catctgttta ttaattcact 139910763  
ttagactttt tctgagaatt ggtataaagg ttattggtct tttgctagaa 139910813  
ttcctatctt tccgttttgg ggaaatatgg ataacaccga cctctgcat 139910863  
tttccttctt tgtcttacta ctggatctta tgaacccttt attattacat 139910913  
ttacatgtat agctctgtct ttcctattag gctgtaataa gctccttggg 139910963  
cagggagtgt atcttattca acccagagtc tccagggacc ggtgcaaggt 139911013  
ggcattccat gagtgctggg ggaaagaaat ttgatgtag atcatcacag 139911063  
ctatatgggt gcttatgatt ggaacatatg tttcctcatc gtctccatac 139911113  
ctttacttcc tagttatctt ttatccctca ttctaagcta cctggaactc 139911163  
ttttttggaa aggagaaatg ggtaatgcaa cacattttaa tgcatttttt 139911213  
attcctccca gGTACTATCT TGGTCGTCGG ATGTTTATTG TTATTTCTGA 139911263  
GCCAGACATG ATCAAGCAGG TGTGGTTGA GAACTTCAGT AACTTTACCA 139911313  
ACAGAATGgt acgtagtttt ctttccgcat atagatggat ggggaattgt 139911363  
tctcagatgg agacactgca tgtcagatcc aatggggatg caatcaggcc 139911413  
tctgatcagg tttatgtcag ttccactcaa aactaagctc ctcagtgaac 139911463  
tcggtttttc aaaagagatc tatgggactg gtacaaaaga gtaacattta 139911513  
catttaagaa atgcttcaag aaagctaaag ctcaagggaa gctgaggcta 139911563  
ttaaaaatgc taaaaccaag agggttttct aaagctgggt tcaaagccgg 139911613  
gggaatccag agggcacagg ccaagtgact gacggagaat gagctaggct 139911663  
aataaatatt agttggaaag caaaattttg aggttcttgc acttacatct 139911713  
ttcccagaaa gtataagagt attaaggctg gaaagggaaag tcaagcaaaa 139911763  
ttaggagaga aatgtgtccc ctagtaagag aaggaaactt taagagggct 139911813  
cctttacatt aggtcaagtc tccagcctac atgcatgtac atatcccttt 139911863  
gtttttggaa agtaaatgtc ctactattta tctttgatga gaaatcccaa 139911913  
aggatgggcg aggtgacaga aaatggcaga gatcaggcca ggcacagtgg 139911963

ctcataacctg tagtccccac actttgggag gccaaggagg gtggattgct 139912013  
tgagttcagg agttcgagac cagcctggcc aacttggcga aactctgtcc 139912063  
ctacaaaatt acaaaaatta gccgggtgtg gtggcacaca tctgtagtcc 139912113  
cagctacttg ggaggctgag acatgagaat tgcttgaacg cttgaatctg 139912163  
ggaggctggg agtgggaggg gctccagtga gctgagatcg cgccactgca 139912213  
ctccagcctg ggcgacagag acgctgtctc aaaaaaatta aataaataaa 139912263  
taaaagaaat aaagaatgaa aaaatggcag atatcagtgc taaccatttt 139912313  
ccaaaaatag ggagataggc attctagcag agaagaccag taacctttac 139912363  
gttgattcct ggaaaaagtc taaagtgaat taataaacat gtttgtgaga 139912413  
actcagagaa tcaccttgcc aaccattttt ggggggttcc aattagacct 139912463  
cacttttcat tcttttaggg aagtacgtat tcattctttt gttgattatg 139912513  
tggcaaacct tttcacacct accatatgcc aggcactgtg taggtgctga 139912563  
ctgtaaagag acagtgtccc tcgaggaact ctcggtttag tgaggaggc 139912613  
agacaaggaa agggaccagc acaatgcagt gtggtgagtg ctctgaggt 139912663  
ggggagccca ggccaccagg atgcagacag aggaaagctt attgggtgtg 139912713  
agggtgcttg ggctgagtct taaagaaatt agagaaagtc cccctgcctg 139912763  
tgttccgaac taggtgagcc atccagagtg tgccttgtc atcgcaagag 139912813  
cttatgagat gagtacaatt atcatctcta ttttatagac aaagaaacta 139912863  
aggttcagag aggctaaatg atcaaccctg gtaacatggc ttaacacgag 139912913  
gaagagcagg gattcatgtg ccatctctca acttaagtct agagctcttt 139912963  
ttactgcaa agctgtgaca gctgcctcag tgacatttca ggatgtcaag 139913013  
gttgagtgga gtaattggcc actcaccaa aatttgctca tcttcttcca 139913063  
gccccagagc atcatgcca actccagaca tcacgtggcc tctagagggg 139913113  
tgtggcctgg agggaggcgg ctggcctgct acctccatcc cttcaggatg 139913163  
gccgaaggaa ttgcagaagt ttaactgctt ctctgctgcc tctagattct 139913213  
ctttccaaa cactgcattg ctatctcctc gctcaaagtc ccctggaagc 139913263  
cgtctgtcaa gaaactgatt ctgattatta aatgcagctg tagcttggtg 139913313  
ctccatcagc ctgagcaagg agtgctgatt aaagaagttg gagaagccaa 139913363

taagtcaaag tgcacggacc accaagccac atcctggcaa gcagtaaagg 139913413  
tactcccagg agcctgtcat agcacttgag actgtctgag cccctaagcc 139913463  
atgagacggc acttgccaac tgggtgtctcc atatttcctc ccatgatacc 139913513  
aggacatgtg accctgagag ctgacctaga agaggtcaat gatttggcct 139913563  
gctaggggca gacatactca atgcacatgt ccaagcaagg aggacacaat 139913613  
aatattgccc tcagctttga tcaatttatc ctccaagcca tttgtctgcc 139913663  
gtttctaatt tctttcacca tcccctcacc caccctcca cgcagactag 139913713  
gtccagtgcc ccaaactcca gagtagagtt ccaattttcg tcctcttcca 139913763  
ctcagcacag gattaagcct tcaggactaa gttcaagttc cctagacgat 139913813  
atthaagggc ccttgtgtct tagatccatt gtgtgtgctc caccctgtct 139913863  
ctcactgctc cccaatacaa atcgtcactc cagcctctcc ctgctcacc 139913913  
tcacctgctc tggagagacc tgacctctgc cttgctcacg ctgacactgc 139913963  
ctcagaattg aaggcagtgt aacagtgggg ctcattattga ttatgacgtg 139914013  
agcttgagca catatctttt tttttttttt tttggagaca cggctcttgc 139914063  
ctgtcaccca ggctggagtt cagtgggtgtg atcagagctc actgcagcct 139914113  
caaactcctg ggcccaagtg atcctcccac ctcagcctcc taggtagctg 139914163  
ggactgcatg tgtgtgccac catgcctggc taattttaaa aaaaaaaaaat 139914213  
ttggcagaga tgggggtctt actatgtcgc caaggttagt ctcgagctcc 139914263  
tggcctcagg tgatcctctc accttggcct cccaaattgt tgggattata 139914313  
gccctgagcc actgtacctg gccacatttc ttaacttaaa aaagagctgg 139914363  
ggcagctctt tttaaaaata tccatggaaa gtggagctga atcaacatga 139914413  
ctcagcagaa atggtcacia ccagtggcag aacttcttat tcttggcctc 139914463  
ctctcaaggc ctggagttag gggatatgat ccaccttact gggctgtcat 139914513  
aaagccacat gggatcatgc atataacctc tccctctaca cagtacttgg 139914563  
caggtgacac attactgctt ctacaaagaa aaccctccac ctcttccaca 139914613  
ccatccaaa ctcttgctgt tcttcaagac actcctcaga tactgcctcc 139914663  
tccaggaagc cttccctgcc tccatccaca tgcacttttc cccttccctg 139914713  
aactctggca gcgctcacca tgtgtgtcac tcgttgtcac agttgatccc 139914763

cttgtgcctt ccagtatatta cagtgaagga ggatatggct ttcactctag 139914813  
cttgattatt agctctttaa ggccaagaac tgtatcttgt atttttttta 139914863  
aaccocatga cataaacaca tattgactct tcagcatcca atatatctt 139914913  
gttccaactg aatggaattt ccatcaactt gacattcctc ccagaagaat 139914963  
gaggtattac ttgaacctgg agttgcaata tagtcttctt cgtctcggtc 139915013  
attcaciaaac acgtaaaaag acccatcata gataagatct ccaggaaatc 139915063  
ccagtgttta tagttttcca tctgggaatg catccactta tgtgtagctt 139915113  
tgtttatggg ctttaagcca attccatata gatggtaaaa caacccttag 139915163  
tgactcaatt ttttaaaaaa cagtctttaa agtgggattt tctcacagg 139915213  
ttttgaaagt caaattaaat tgggttctgt ggttccctct tatccatata 139915263  
cttatttata tgctcaaaga actcaaggag attagtgaga cgtgatttct 139915313  
ccttactgac accacgttgc cttccctcta ataggccatg tttacttaag 139915363  
cgttcagcaa ttcagcttta ttatacattc actcggtaaa cattaatgc 139915413  
ttactccatg caggctgcta ccaaacggtc ccttgtgata cagaaaatac 139915463  
ctcggcatat tagtttgata aattaagtga aaaggaattt aaataatgca 139915513  
tgctctcatt ctccaacagg gagagccat gtctgctcac aaattcaggc 139915563  
ttgagttacg ttgagttttg tcctgggaca gcctgggtgga gaagggccct 139915613  
gatttgggaa gctggattta gctctgaaat ttgacatgag ccgtaagcat 139915663  
cccatgaggg atccatagag catattcact ggaggtgggg gtgatgcaac 139915713  
aggagctcc ctgacataca acaacattga acaaatgtgt gaattcaaat 139915763  
atcatcctgt gaaatattct tttccaaact ccagaacact ggctggagca 139915813  
gactgtgggt tggatccgga gcggcagttc ttaatgtcat gctttcccat 139915863  
tcacagtttt tgggcctctg gagtctgtgc aatgtctctg cttcatcttg 139915913  
ctcattttcc acgtggacct tgtaggtctc tatcaatgtc ctcatgctt 139915963  
cctgaaactg ctccatgatg gtgcaaccac agcttatcat taaacccaaa 139916013  
tcaatcttct tggcacttat agaagctcag tcgtcctggt acatcaggac 139916063  
tcggatgttt ctatttagat attttcaatg agctcttctt tgctgtcagg 139916113  
tacggtacct aatgaaacca tagggcagct cttttttaa tatctgtgga 139916163

aaatggagct gagtccacat gactcagcag aaatggtcac aaccagaggc 139916213  
agaacttctt gttcttggcc tcctatcaag gcctagagtt agggagctgt 139916263  
gggaaggggtg ataagaggta agccagtctt tggcccatgt tagcttggtc 139916313  
tggtcagata ggcatgtcag ggatgtgtca aaacactaag cctagtgtctt 139916363  
tggagatgtg ggttctggtc tggagtggca gtatggagtg ccatctctca 139916413  
ggtcctcatg agcaacacag aggtcacctc tccaggcaca ggtcgagcca 139916463  
caccactgac acacaagagt cacgtccaaa gccatgtgat ggacgtggtg 139916513  
ggtggtttta tcccgaacca tcaatacccg gcaccctggc tgccccaggt 139916563  
tcagcctctc aggggctgct tcactcgtctc tccacacagc tgtgaacatt 139916613  
gcaggatgag tcactgtgaa accacaaact ccttggcatt ggtgaagatg 139916663  
actaaagtta taggcaaatt agtcactgga aaccttcctg tcctctgtat 139916713  
ctgcagcagc ctccctatcga aggaagaaaa gagtatgttg gctcattgca 139916763  
gagctaattg gcaaggaaa ctcaattcag ggctacaggt gagtcagacg 139916813  
cccttggtgcg ggggccacag ggaccgcct gctggcatcc attgaggaga 139916863  
gaggggccct tggcagactt gccataaaac cgccccctt gaactcattc 139916913  
ctacacctgt aaccactgac agtttttgaa aactgttcac ctggagttcc 139916963  
tggttctctt tctcttaa at caaacattga gtaa atgaag aactcagat 139917013  
gttcaa acat gtgcatcaag attttacttg tgag agtgggt tgccatgcat 139917063  
gacctagga agctctcatg gcttcagtca aaccttgcca acttttttta 139917113  
gctgtgcatt tcttgagaaa ggtcaactca cattacgggt ctacagctct 139917163  
gagcaagga gaagtcttc ctgaaagcac aaacagacta cagagggcag 139917213  
tgaaaccaga aacacaggtg tgcaacctca tttgcctgcc cccgtctcta 139917263  
ttttgaggcc tctttgtttt atgtgacctc cgtctccttc tctgccgcaa 139917313  
tcttcttctt ataacacca ctttcttctt ttaatttccc cctcttctaa 139917363  
gccatagccc agtggtatgg cgaaaggtct ttgctgtgca taggaaaccc 139917413  
tccaatctga actggaagct tcctgttgca ggatgggctg cccattgga 139917463  
attcccaggt gacagtcgca atgggatgcc tgtcccctgc aggtctcca 139917513  
tttcacctgc ttttcta atg tctggacatg gcta agtcct agaaaagcca 139917563

gatccatggc attacattta atcagtagaa cacactgagc ttcgtttcca 139917613  
acatggtagc taagtthttaa ttctaacatc tttaaaaagta ctgagtgctc 139917663  
tgtgatgcct tgggaacaca ggaatagtgt taagtgggtgt tgattctcaa 139917713  
tgctcaaatg tacttctctc tgccttgagc agatttttct aaaatttcaa 139917763  
gaccttggtg aaaatgattt catatttttg tgtcttacta gactcttggc 139917813  
tcagcaggaa gctatcttta tatatttttt taacaaaaag aaattagtaa 139917863  
aagcttgctc tgatatttat gccatatttc cctaactttt gtcgtggcag 139917913  
aagtagaaat aagtgtgtaa accaggagat taatatctac aatttaggca 139917963  
tgagaataga gaaataaacc ataaaatcaa ttcttatctc tcaatggata 139918013  
tattccagaa cattccatgg aaatcaagtg actaagtcct gatcctccct 139918063  
gtctttctcc gccccaatct cttcttatg acattccctt tcttcttccc 139918113  
atthtccctc ttctaagcca tagctcagta gtatggtgaa atgtctttga 139918163  
ttttagttta aagaaatgaa atcagattcc agatttgcta cctcttatta 139918213  
gttggtggc cttcagacaa tcctttaacc tcctgattct caatttcctc 139918263  
ctgtgtaaaa tacattagac tagctaatcc ctaaggtctg tttggtgccc 139918313  
agttcacgtg accgttggca gccacagga gccacggagt cccaccagcg 139918363  
tcccatagag ccacttggag cttcaggtac aaggaacaag cccctcttag 139918413  
gccccctcag gaaaatttat tctcgcagcc aagcatgtca agtgcaatat 139918463  
caggaacacc cttgtccttc ttgaactctg cttctggcca gaaactctgc 139918513  
tgagatctgt tggagagttt cctgcaaaga taagagttaa caagcccca 139918563  
gattcccttc cccgctcagg aggggccctc actgtcagct ttggggctga 139918613  
tagaagcaca gttccaagcg cctggcttcc tcctcctccc cagtggataa 139918663  
aatgctggaa ctccgtcagg caggactgcc ataattagaa gagggccctt 139918713  
tccagcagct gaagctgact aggcagatag agcccaaatt tgtttttagc 139918763  
caccacatgc ccctgagctg acccctcagc ctgtggacac atctcacaac 139918813  
ctcaccgga ggccattctc tcaggccagt cacactctcc cacagagaga 139918863  
gcgaagatga tgtcaaatct atggccacct tctaccagca gagggaatga 139918913  
atgaaaactg acatgtagaa gagtaagacc actactgttt tcatttttgg 139918963

tatTTTTTTT ttacatttta atTTTTTTat actctatttt tagtaaaaagg 139919013  
gacaccttta ctatttcaaa ccacccaaaat ataagcccta tttggttcaa 139919063  
atctttgtac agccagatag caatagatat aaattgacaa tggcctcaag 139919113  
tatagaattt ggggttatac aagtgcagaga attcttgagt ctcaagttgat 139919163  
tataatataa tgaggggaca gtgccaggtc tttcacgtct ccaggtggga 139919213  
aggggacaag ttgcacgatg gctgtcctca tctgtgcctg gttgtgtgag 139919263  
aattagaaac aacgtttgta acagtggtag ctagtctttg tgacctggtt 139919313  
cctctttttg atattaatat ttttgcagac tagttggcat aaacaagttg 139919363  
gctctctgta ctcacattac aaccactgag gtataacact atctcttgga 139919413  
gtccttagaa gcacctcgct ctgttcagct ggcctctcag ccttgtgtgg 139919463  
ctgtttcaga actgttgatc atctgtcaag tcatcccaga gatcatctag 139919513  
atcttgagtc catttcttgc atgttccaga acacaagaaa acatttgtgg 139919563  
ctatagcttc atattctatc atgcctttca tccctttctc ccgataatac 139919613  
atgaaccggg ttacagcaga aatgcattcc atgcatttgc aacctctgg 139919663  
aaggagccag tggttcttgt gtggctttac caggccagtc gagaatcact 139919713  
gggctggtgc atgagaaacc ttcagtaagt ggctgctgtc ttcatgcacc 139919763  
catggaatgc cgaggtgttg gttttcttca ataacctgct cctcagggca 139919813  
gtgtttccta attgctggag aatgaccxaa gagttgatga aataatatga 139919863  
aaagtactgt gtttgctgta agatggacaa gtattggtga tataggccac 139919913  
cccactccca ccctccattc tttgtcttga tagttccagt cccagtacag 139919963  
cacctggcac acagtagttg ctccatcatt attcacagca taatcacaga 139920013  
caccattcag agcagagctt gtacagccct aaacataaaag tgcagcaaac 139920063  
ccagctcaag atcattgaag ctagcagcca ttcagctcct gctgtgggat 139920113  
ggccagggag ggtcagagac tgtggtcttg acacattctg tgtggggttc 139920163  
atccacatct tcctaaatgc ccaaggcatg gctatttgaa gcagagcaag 139920213  
taaagacaac gaggggtccc tctgctgggt tttctgtccc cctctggctg 139920263  
ccagcactaa tctagccttt gaagaggggc agaaggggca aagttaaacc 139920313  
acactttcct ctcttacctg ttgtcacccc tctaagact tttcactttc 139920363

tctgctcacc ttctccttcc tgcctctttt agaaatggga aacaaagggc 139920413  
ccataggccc taaaaggggc caccctttga aggaggagac atgaccacaa 139920463  
atgtcacctt ttgatatcct aatgggatcc atgttaaaaa aggaagtfff 139920513  
taacctggtc tcagaggaca cttgcaagag atgccaagga aggcagtgtg 139920563  
atcatcccaa gtcaagcagc ctaacgtgag cctgtgagag agaaactgca 139920613  
atccacccgc aacgtgtggt catcaaaggg cggcaacccc agttaccagc 139920663  
ttgagattaa aaacccaaat taaaacaggg ccaaaggatt cctgtcagct 139920713  
cttaacacct ctcttaaaat gtgaccactg tctgaaaacc attgtttggc 139920763  
tgatgaggtc taacttcatt acacatcaca gtaggacact ccttcctgag 139920813  
accaggcact gctcccatga gtgcagtagg acagacctcc tctgttcctg 139920863  
acgatgatac cccaatacag cccgacaagc gtgtgctcaa tgaaggttcc 139920913  
cagatctfff taatgcgact ttttgcaggt caggttgctt ccatcacatg 139920963  
cactgaacaa ccaaatttta aacctaaata tgaaaccttg tagttacatc 139921013  
tgttgatfff cgtcttgta gtgttcatcc agcattcaag tctgtcgaaa 139921063  
ttaaagtfff attattcctt agtattffff taaattgaag tcacttccat 139921113  
acacaaacct tgagtgtaaa gctcaatgta ttattgtcta tgtattcccc 139921163  
tatgtgacac caccagatc aagacacaaa catttccaac actccagagg 139921213  
gttccctcat gcctcttctc agtcaaccca tccctaccat ccagaggaaa 139921263  
ccactcctct gacatcaatt tgtatagatt tctctfffcc tgctgttgaa 139921313  
cttcatgtaa atgtaaactt acagtatgta tcctfffgtt ctggcatctt 139921363  
ttgctcaaca taatgtctgt aagagtcac cataccacgt atttagatta 139921413  
atatagccag gtgtggggc tcagtcctgt aatfffgcac tttggggaggc 139921463  
tgaggcagga agattgcttg agcccaggag ttcgagactg gcctgggcaa 139921513  
caaagtgaga cccctgtctc taaaaaaaa aatfffataa ttagccaggc 139921563  
cccgtgggtg gtgcctgtgg tcccaggtag tcaggagact gagggaaagag 139921613  
gatgccttga gcccaggaat ttgaggctat agtgagctat gatcgtgcca 139921663  
ctgcactgca gcctggggac agagcaagat cgtgaacata gtttgcattt 139921713  
ttcattgcta tgtagcattc caatgtatag aaacaccaca atctattcct 139921763

ctgtcaataa acatataggt ttccagtttt ttgctattat gaattagggt 139921813  
gttatatcaa caggcattta tgaacaccta ggagcagcat cgctagccca 139921863  
cgagagtagg tgcatggtgg gtttttgtac atactgccaa acagttttcc 139921913  
aaaggggttg agccaatcta tactcccata aagtggagtt ctagttgttc 139921963  
cagccttagc cagcactttc atcttgccat tatttttcac tgtaactatt 139922013  
ccaggggctg ggtagtagtg gtatctcacc acagttttaa tttgtattta 139922063  
tctggtgacc atgtcattga gaactttttc tttttctttt tttttttttt 139922113  
tccccgagat ggagttttgc tcttgttgcc caggctggag tgcaatggtg 139922163  
tgatctcagc tcactacaac ctctgcctcc tgggttcaag cgattctcct 139922213  
gcctcagcct cccgtgaagc tgggattacg gacatgtgcc accatgcccg 139922263  
gctaattttt gtatttttag cagagacgga gtttctgcat gttggtcagg 139922313  
ttggtctcga attcctgacc tcaggtgatc tgcccacctt cacctcccaa 139922363  
agtgctggga ttataggcgt gagccaccgc gccagccga gaactttttc 139922413  
atatgctctc tggccatttg aatagtctcc tttttaacaa cgtgcctggt 139922463  
gagtctttgc cccctcccc acttttattt taagggtgtt gactttttct 139922513  
gattgacttg tttttctttg catgttctgc cttgagtctt ttgtcagata 139922563  
aatgtgttgt gaatatcttc tcccagtcca tggtttgtgt gttattttct 139922613  
taataatatc ctttgataat aaagtccaat ttatcaaaat cttcttttgt 139922663  
ggtattgctt ttggtattct cttaagaac tcttgcctta tatacaaggt 139922713  
caciaagata ttctcttggg atcattatgg ttctacctct cactattggg 139922763  
actatgatct atctccagtt aacttttgtg tatagagtga agtatggatc 139922813  
aaagctgatt tttttctct gtattaatat ccaattgccc cagtaccatt 139922863  
gttgaaaaga ccaccattc ccccttgaat agcacctttg tcataaatca 139922913  
agagatcata tgtgtgagtc tacttctgga ctctgtccca tttcattggt 139922963  
ctttttgttt atccttgcac caatatcaca ctctcttaaa tagcatagct 139923013  
ttatcattga tcttgaaga tggcagtgtg gccaggcacg gtggctaacg 139923063  
cctataattt tgggaaggcc aaggtggggg aattgtttga ggccaggagt 139923113  
ttgagaccag cctgggtaac aaaccaagac ccagtctcta ctaaacaat 139923163

atatatatat ataattagcc aggcattggtg gcgcatgcct gtagtcccag 139923213  
ctactcagaa ggctgaggta agaaaattgc ttaagcccag gaggcgtagg 139923263  
ttgtagtgag ccatgattct gccactgcac ttcagcttga gcaacagagc 139923313  
gagaccctgt ccgagagaga gagagagacg caagagagag aaacagagag 139923363  
agatggcggg ataaattctc gtggttattc tagttctttt ggttccatat 139923413  
atctgtttac aggaatcagc ttgtcaattt ttaaaatggt taatttttgt 139923463  
gagtatatag taggtgtata catttatggg gtatatgaaa tatttttgata 139923513  
catgcatgta tcatgcatgc atgatacatg catgcaatgt ataataatca 139923563  
catcagggta aatggggaat ccaccatctc aagcattttt cctttctttg 139923613  
tgttacaaac aatccaatta taatcattta tttttttgcc ctgtcttatg 139923663  
gtgctgatct ttcggttatt ttaaaacctg caattaaatt attattgact 139923713  
atagtcacca aatactaggt cttattcact ttttctattt tttccaccc 139923763  
attaaccatc cccacctccc tcgacactct ttcactactc ttcccagcct 139923813  
ctggtaacca tcattctact atctccatga gttcaattgt tttacttttt 139923863  
agctcctaca aataagtgag aacatgccaa ttttgcctt ctgtgcctgg 139923913  
cttatttcgt ttaacaaaat gacctccagc tctatccatg ttgttgcaaa 139923963  
tggcaggctt ttattctttt ttatggctga attgtactcc cattgtatat 139924013  
atgtaccacg ttttctttat gcagttgtct gttaatggac acttaggtgc 139924063  
ttccaaattt ggctccttggt aatagtgtct caataaacat ggggtgtgcag 139924113  
atatctcttt gatatactga tttcctttct ttgggggtata tacctagcag 139924163  
tgggattact ggatcatatg gtagctctat ttttagtttt ttttagttttt 139924213  
tgaggcgcct ccaaactggt ctccatagtg attgtcctaa tttacatttg 139924263  
caccaacagt gtatgtgggt tcccttttct ccacatcctt ggcagcttgt 139924313  
gttattgcct gtcttttggg tataagccat tttaaatggg gtgagatgat 139924363  
atctcattgt agttttgatt tgcatttctc tgatgaccag tgatgttgag 139924413  
taccttttca tatgcctggt tgccatttgt atgtcttttt tttttaaact 139924463  
gtcgattcac atcttttgca tgttttttta ataggattat taggtttttt 139924513  
tcctgcagag ttgtttgagc tccttacata ttctggttat tattcccttg 139924563

ccagatgggt agtttgcaaa tacttcctcc cagtctgtgg cttgtctctt 139924613  
cactttgctg attgtttcct ttgctgtgca gaagtttttt aacttgatgc 139924663  
aatctcaatc gtccattttt gcgttggttg cctgtgcttg tggggtatta 139924713  
ctcaagaaat ctttgcccag ttcaatgtcc tagatatttt ctcaagtgtt 139924763  
ttcttttagt aatttcatag tttgaggact cagatttaag tctttaatcc 139924813  
attttgattc aatttttgta tatggtgaga gataggggtc tagtttcatc 139924863  
attcttcata tggatatcca ctttttccag caccatttat tgaagagact 139924913  
gtccttttct caatatttct tcttggcacc tttgtgaaaa tgagttcact 139924963  
gtagatgtat agatttgttt gtgggttttc tcttctattc cattggtcta 139925013  
tgtgtctggg tttatgctag agccatgcta ttttagttac tatagctctg 139925063  
tcatataatt agaagtcaag gattgtgatt cctccagttt tgttcatttt 139925113  
gctcaggatg gctttggcta ttttgggtct tttgtgtttc catacatatt 139925163  
ttaggattgt tttttctatt tctgtgagga atgtcacata gagattgcat 139925213  
tgaatctgta gattgtttta ggtaatatgg acattttaac aatattgatt 139925263  
cttccaattc atgagtatgg aatatcttcc catttttttt gtatcttcaa 139925313  
tttcttgat cagtgtttta cagtcttcat tgtagagatc ttttacttct 139925363  
tcagtaaagt taattcctaa gtatttcatt ttatttggg ctattgtaaa 139925413  
tgggattgct ttcttggctt ctttttcaga ttgttactg ttggcatata 139925463  
gaaatgctac tgatttttgt atgttgactt tataccctgc aactttactg 139925513  
aattcattta tgagatctaa tagcttttctg gtggagtctt taggtttttc 139925563  
taaagtgaag atcatatcat ctgcaaacia agataatttg acttcttcc 139925613  
ttctaatttg gatacgttta tttcattctc ttgactgatt actctagcca 139925663  
ggacttccag tactatgttg aataacagtg gtgaaagtgg gcatccttgt 139925713  
catgttccag atcttggagg aaaggttttc agtttttccc cattcagtat 139925763  
gatactagct gtgggtctgt tgtaaattggc ttttatgttg attgatgttc 139925813  
cttctatgcc ttttaggatt tttattatga agggacgttg aattttatca 139925863  
aatgcttttt tagcatcaat tgaaatgatt atgtggtttt tgccttcat 139925913  
tccattgata tgatgatca cattgattga tttgtatatg ttgagccatg 139925963

cttgcacccc agtgataaat cccacttggt catgattgat ctttttaatg 139926013  
tattgttgaa ctcagtttgc tagtattttg ttaacgattt ttgcatcagt 139926063  
gttcttcagg gatattggcc tgtagatttt ttgtttgttt tgttttgttt 139926113  
tgtttgatgt gactttgtct ggttttggta ttagggatg ctggcctcct 139926163  
ggagtgactt tggaagcatt cccttctcct ctcttttttg gaatagtttg 139926213  
agtagaattg gtattaattc ttctttaaat gtttgataaa attcagcagt 139926263  
gaagccatgg tgcctctggc ttttctttgc tgggagactt tttattacgg 139926313  
ctttgatttc attacttggt attgatctgt tcaggctttg gattagtgat 139926363  
tcaatcttga caggttgtat gtgtctagga atttatttct tctagatttt 139926413  
ccaatttatt ggcatcacgt tgcccatagt agctgctaata gatcctttga 139926463  
gtatcagtta taacatctct ttttctatct ctgattttat ttacttgagc 139926513  
cttctttcct ttttcttag tctggctaaa ggtttgtaa ttttgttat 139926563  
cttttcaaaa aaccaacttt ttattttgtc gatcttttgt attgtttcct 139926613  
tcatttcaat ttcatttatt tctgctgtga tctttattct ttttttttct 139926663  
actaactttg gctttagctc ctgctttttt agttctctaa gatgatcat 139926713  
taggttgttt atttgaattt tttctacttt tttgctgtag gcactataa 139926763  
ctataaattt tcttctagt actgcttttg ccatatcca ttagtttttg 139926813  
tacattgtgt ttccattata atttgtttcc agaaattttt caatttccct 139926863  
cttaatctct tcattggcac aatggtcatt caggagcatt gtttaatttc 139926913  
caattaaaca attggaaatt gtatagtttc caaaattcct cttcttattg 139926963  
atctctaggg tttctttttt ttgttttttg tttgtttgtt ttttgtttct 139927013  
tgagacagtc tcaactctgc acccagactg gagtgacgtg gcatgatctc 139927063  
agctcactgc aacctccacc tcttgggttc aagcaattct catgcctcaa 139927113  
ccaccaagt agctgggatt acaggcgtgc accaccacgc ccggctattt 139927163  
ttttttttt tttccgtaca gacaggattt caccatgta gccaggctgg 139927213  
tctcaaaactc ctggcctcaa gtgctctgcc tgcctcagcc aaagtcctgg 139927263  
gattacaggc atgaaaatag acacactttt gtgtatctat tgtatgtttt 139927313  
tagatttgaa gttatcatat cttgcaaata atcttgtaa ccattatttt 139927363

aaactgacaa cttaacactg attgcataaa caaacaaaaa taaaactaat 139927413  
aaaaactcta cgctttaaca taatcttccc actttttaac tttttcttgt 139927463  
ttatatctta ttgtactgtc tatactctga aaagttggtg tagttattat 139927513  
tttcaattgg ttaatctttt catctttcta cttaagatat gagtagttta 139927563  
cataacacaa ctacagtact ataataatct tgctaagttt tgaagaattg 139927613  
acatcatgac aatgttgaat tttccaaact atgaatgtgg aacctctata 139927663  
tatttaggta ttttaaattt atcttagcaa tattttgtag ttccagacta 139927713  
caggtctttt gtacatcttt agtcaaagt tttttaggtt atttaaatag 139927763  
tttactgtta ttgtaagtta tatttttaaa atttcatttt tcagtagttt 139927813  
gttgcccatg tgtagaaata aatttttcta tattaaattt gtatccaaca 139927863  
atatttttaa gctcaatatt gaatctagaa gtttatttat agagatttct 139927913  
caaattttct atgttagaca atcatgcat ctacaaataa atagagtttt 139927963  
acttcttcca ttccaatttt taaaaatttt atttattttt cttgccttat 139928013  
tgacctctct atgatgtcaa atagaagtgt aatagtggtc atagttgtct 139928063  
tgtttccagc ctcaaaaagt gttaactatt tcactgttta atataatggt 139928113  
aaactgcagg gtttttghaa atgtcatttt taggtgaagg aagtctcctt 139928163  
atattgatag ttactgaaa gttgttatta tgaatgggtg tcagttttta 139928213  
tcaattttct tctgcatctc ttgagattgt atatgttttt ctgttttatt 139928263  
ctgttaatgc aacaagttac attgattttc aaagttgcat tcttgaata 139928313  
agtcccactt ggtcttaatg aattattctt gtaatttatc actgagctat 139928363  
attaccta attttgttta cgacttttgt gtctatgttc acgagtgaca 139928413  
ttggcttata atttttcttt cttgtaagtc tttatctggt ttggggctca 139928463  
gtttatgctg gctcatgaga tgatccagat taatgttaaa tcgtgactct 139928513  
gtgcacatta actattctca gctgtgattt ctgcaaatca gtagttcatt 139928563  
atgaaaataa caaataaaaat gttcgattcg actgggataa gtgtagaaat 139928613  
ctgtgggtct ctatttgatt ccagattaat agagttttat ttgtctttgg 139928663  
tgttctgaca gccatgaaac caccaaccgg ttgcttctcc tctttcccca 139928713  
taagaatgct cttggaaatc acaaaaatgt ttgtttccca catctataga 139928763

tctgtcccta tgtgggggaa agaaaagaat gagtaaacad tacttctcag 139928813  
tgaacttggt cctaaggatc acttttttaa aaaatctttt ttaaagggga 139928863  
gtaagctggt atctgcacaa agcccttggg gtgaagtcca gtcaacaggg 139928913  
cttcccttag gagatgttct ctaaactgtg ttcataaaaag tgaataagag 139928963  
ttagcaggca aaggagaaaag ggggttggag agggatctag agtttcagag 139929013  
aaagagaaaa acagctcacg agaaggacca caccctagag agatgacatg 139929063  
gtcaagggtc taacggaata atgacacatc atctcaacac tatgtgcaa 139929113  
ggactgtcct gaaagctgtg tcataaataa agttttgggtg ccgcaaaaaga 139929163  
aatagcactc aatatataaaa ttttcttttt aattctcagc aaggcaagtt 139929213  
acttctatag aagggtgctc ccttacagat ggagcaatgg tgagcgcaca 139929263  
cttggacaag ggaggggaag gggttcttat ccctgacgca cgtggcccct 139929313  
gctgttctgt cgttccccta ttggctgggg ttagaccaca caggctaaac 139929363  
taattccgat tggctaattt atgtgatgga gtgatggcta atttagtgat 139929413  
ggagtgggtg gtttcgtggg aaaaatggct atgacagagc atgtaatagg 139929463  
aatgagtcag ggtggagcag gtgattgaa tgagtcaggg tggagcaggt 139929513  
aatcgaaaaa ggttgcttta tgaggaagtt aagtttaaaa gtagaaggca 139929563  
aaaaattgaa catactgaca tattgattct ttgaaaagaa atttagaact 139929613  
catatctaac agctataaat gtattaactg cattcatcat tccgactgct 139929663  
cagtccaaaa cccttggagt catccttgac tcctgtcttt ctctctcca 139929713  
cctcatatcc aatccatcag gaaatcctgt tggctctacc ttcaaagcat 139929763  
gccaggctga tcatttctcc cggtatctgt gtccagctcc ctggcctgag 139929813  
cctccacccc cgtctctctc tggccactgt gcttctctct gacggcgctc 139929863  
cctgcctcca ctctggctcc tcacagttga ttctcaacac caaacagcga 139929913  
gattctttaa aacagaagtc agctcaagat atgtctctgt tcaaaaactct 139929963  
gctatgacta cctgtgtctt gtggagtaca aatcctacca agattctgga 139930013  
ggccctccac acacaggccc ccatgccctc tctggcctgc ctccatccct 139930063  
cccctccagc cgcgccacat ccttaagggt cctcacgcac atgatgcctt 139930113  
tgctgtaatg gttcccagtc ccaccaaacc cccagctcct tcaaggcttt 139930163

gcactaatct cacctatgca ggagcccagt gccaaactgac caatttaata 139930213  
acacacctcg ccccatccca ctgtaccgtc cagtgtattht ctcatgctta 139930263  
ttgtccacct tctcccacta gaatgcaagc tctgtgagga cacggagctt 139930313  
cattttgttc acagaggtat cctcagcacc taaatcatgg cctagcacat 139930363  
accaggcact gaataaatat ttgtgaagtg agtgaagcct cacaaactatc 139930413  
ctaagaggtc ggtagcgtta ttatccccat tttacagatt gagaaactgt 139930463  
agagaggtea aaccagagag gtcagctctc aaagtcacat ggagccaata 139930513  
tttgaaccca ggcatctgac tctagaggca atgtttcttaa ccactgcatt 139930563  
atcctggcaa gcccaaagta gcaaatgcaa cccgagcttc cagaaggccc 139930613  
tgtgacttca gactatataa gggattggga agttaaggca ctccttcagg 139930663  
ctttgtgttc agaaaggggt ggggaactgg ccagcacata ccaggcctca 139930713  
taaaacaagt tagggagtht gcaccaggat agggctagat ttgtctttag 139930763  
aaagatccca ctgactacag ggtggagtac ggatgggtgt gacaaggctg 139930813  
cgggcaggga aatcagttag gggctgagat aatggtgacc tcagccaggg 139930863  
tggcagctgt ggggatggaa agagttggcc aaagagagat ttaataattg 139930913  
tgactgacag gattgtagtt gagagagaga gaacaactcc taggtttggg 139930963  
gtttgggtta gttttggttt ttcaagcttt tttgactatg atctacagta 139931013  
agaaacacat tcacattttg atacagaata cacacacaca catacacaca 139931063  
tacacacgca tacatgtaca tacacacata cacacacatg catacacaca 139931113  
cacacatatc ttgaacaagt tcaataacca cagaatactt tccctgacgt 139931163  
taaagtctcc tctgtgtttc ctaatcttgt ctatctcttg tctctttctc 139931213  
tccttttttt aaatgctggg tgccactcat gacattgatt tcatgactga 139931263  
tcatggcttg cagtctggaa gcccttgacc agagagtgat tggaggcttg 139931313  
ggacacagct aggctgacag acaggagcct cgaaagctgt gtccctggac 139931363  
ctcctttctg cagagtcccc ttctgcatg acatacacag tctggctccc 139931413  
atcacactta ccagtctcgt tactcattga attagtccat tttcacactg 139931463  
ctgataaaga catacctgag actggcaatt tacaaaagaa aggggtaatg 139931513  
gactcacagt tccacgtggc tggggaggcc taccaaacat ggagagaagt 139931563

gaaaggcacg cctcacatgg cagcagacaa gagaagagga cctgtgcagg 139931613  
gaaactcccc tttataaaac catcagatct tgtaagactt attcactacc 139931663  
acgagaacaa cataggaaag acgtgacccc acgattcaat ttcctccac 139931713  
caggccctc ccaccacacg tgggaattgt gggagctaca attcaagatg 139931763  
agatgtgggt ggggacacaa ccaaaccata tcactcattc ctttggggaa 139931813  
aatcctttgt ctctttcaag gcatctctca gtaagtctca tcaatgaata 139931863  
tatgtggaca agcaggaggt gtggaggggt catggaagct attgtttaat 139931913  
aggcacagag tttcactttt gtaagatgcg aaaagttctg tggaggaatg 139931963  
ctggatgatag tagcacaacc atgtgagtgt acttaatacc accaaaactgt 139932013  
actcttaaaa attattaaga tggggcacct gtagtcccag ctacttggga 139932063  
ggctgagaca ggagaatgga gtgaaccag gaggcggagc ttgcagtgat 139932113  
ccaagatcgc accattgcac tccagcctgg gcaacagagc gagactccat 139932163  
ctcaaaaaaa aaaaaaaaaa aaaggттаag atggtggatt ttatgttaca 139932213  
tgtattttgc cacaatttt taaatcaatg tgtaggcaa ctaatagaaa 139932263  
aaagagtgtc tggagtggct ttccagacat gaagtctcag ggttгааага 139932313  
gtccttgгаа ggcttttaga ccaaaccct ctgcatgctc aagccttggg 139932363  
tacaggattt cтаагаagtг gaacagtctc caggggtgtg gagctcatcg 139932413  
ctcaaggcag gttatcttat ctgaataatt ttgtctgttg actattggga 139932463  
tagttctcct tcagatgagc tgaaattttc tccatagctt cctctattaa 139932513  
accaattcc acttctcagg gtcacaaaaa aaaaaacaaa acctaaattc 139932563  
cctctcccat gcagtatgta ttcaataaat atttattagg catatgccta 139932613  
agtaccactg tctgatcttc caaatcttct cttttccagt taaaaattcc 139932663  
aaatctgaca actatcttct aaatgacatg attcaatgtc cccttaccat 139932713  
ctgactgctc ttttgaaatc atcaatttcc tcttattgtg ggacatctat 139932763  
aaacaaaaag aggccaggca cagtggctca tgcctgtaat cccagcactt 139932813  
tgggagacca aggtgggagg atctcttgag gctaggagtt caagaccagc 139932863  
ctggtcaaca tagtgagaca ccatctctac aaaaaaactt caaaattagc 139932913  
tgacatgggt gcatgtacct ctagtcccag ctactcagga gactgagagg 139932963

gtaggatcgc ttgagtccag aagtttgggg ttccagtgag ccacgatcac 139933013  
accaatgcac taccgcctgg gtgacagagc aagaccctgt ttcaaaaaaa 139933063  
ataaataaaa tgttttcaga aataaaaaaca ttacaataat caatagcccc 139933113  
aaatgatttc atcaaaaaat gggagattct aatggaattt ccaggcccaa 139933163  
gtgagcacag tgtcatggca tgctggtgag aaagatatgt gaaggccatg 139933213  
ctgacatatt gcaaggagga ctacatttgt ctttcaggtg caagacaaaa 139933263  
aatagtgtaa attcacctt aagtcttaag gataggtacg agatccaatc 139933313  
agccttcact cttatctcta atttattctg tctcatcaga accagaaaaac 139933363  
atcaccgcac tttccttggg ggtaagtgtc ttattccatg tagtgtgcca 139933413  
caggactgca tcttgccact acataaatac acataatata tgatttcctc 139933463  
cttcaactct ggaacctaaa caaatggatt atgttcccca aattccataa 139933513  
agccataatt ctgttgagtg gccatggcgc tcccaaagaa tttctttcta 139933563  
aatatagaga ggtattcctc tgcaaaaaa aatatcccag catcttggtt 139933613  
ctaatatata attaactcct ctctagatac tttgcagtta cgttttatgg 139933663  
cttattttga gtgttcatat tttatcagaa aattataatt ttcctctaaa 139933713  
taggagtttt tacaaggctt ttgaattctg atgactggct tcatgtttca 139933763  
gctataatta aaacagtgaa atgaaatagc atcaccatgc atcacatgtg 139933813  
gttctgagac tgcttgggcc cccaaccgcc tgtctcccca caccccgcaa 139933863  
cctgcaggct ggggacactc tgaccaatgg tgggggctcc agttttgacc 139933913  
acttagtggg acagctggtt ttagaaagaa acagaatggc ctgagaagaa 139933963  
gggatgagga gaccaaagtc ctcacctcgg agaagcctcc caaatatgtc 139934013  
ccccaccgat gtcccacctt gcccatttt ccttccagga aaatatactt 139934063  
tctccaagaa atacactttc cctccagga aattcacttt ccatctagtt 139934113  
gttagcttat gagcttactc tctgcttccc ctctagactg ccaactccat 139934163  
gagggccaat gcaaagtctt ttttttttct tttgtttttt ttgagatgaa 139934213  
gtttcattct tgtccccag gctggagtgc agttgtgtga tctcggctca 139934263  
ctgcaacctc cgtctcccag gttcaagtga ttcttctgcc tcaacctctc 139934313  
aagtagctgg gattacaggt gcctgccacc acgcctggct aatttttgta 139934363

ttttagtaga gacggagttt caccatgttg gccaggctgg tctcaaactc 139934413  
ctgacctcag gtgatccacc cgcctcagcc tcccaaagtg ctgagattac 139934463  
aggcgtgagc caccatgcct ggccgcaaag tctttttcat tcaacatggt 139934513  
atagacaact tcttgaaccc cgtattagtt tgctaggcta ctataccaac 139934563  
caacctatagg ctggggggtt aaacaataga aattgctttt cccacagtgc 139934613  
tgagatcag aagcctgaag tcaagggtgc agcagtgttg gtttctccgg 139934663  
aagcctctct ctttggcttg tgcattggctg tcttctccct atacctcac 139934713  
atggtcttcc ctttgtgtgt gtctgtgtcc caatctcctc ttctaataag 139934763  
cacaccagtc atgttgatt agggcccacc ctaatgacct tattttacct 139934813  
taattacctc tttttttgag acggagtctt gctctgttgc ctaggctgga 139934863  
gtgcagtggc gcaatctcag ctactgcaa cctccgcctc ctgggtttga 139934913  
gcaattctcc ctgcctcagc ctccaagta gctgggatta caggcaccca 139934963  
ctaccacacc tagctaattt ttgtattttt agtagagagg gcatttcgcc 139935013  
atgttgacca ggctgtctc gaactcctga cctcaggatga tccaccacc 139935063  
ttggcctccc agcgtgctgg gattataggc gtgagccacc actctcagcc 139935113  
ttaattacct cttcaaagac cttatctcca aatacagcca tccctcagta 139935163  
gctcgtggga taggttccgg gaccaccct tgctcaggac accaaaattt 139935213  
gtggatgctt aagtttctga cataaatgg catagtattt gcatataacc 139935263  
tatgtacatc cttctgtatg ctttaaatca gctctggatt acttataata 139935313  
cctcatacaa tgcctacaca tcactttatg tacatggatt caatgtagtt 139935363  
ctctggacag agcaaattca agttttgctt tttggaactt ggtggaattt 139935413  
tttctgaata tttttgattc agaattggtt gaatccacag atgcagaacg 139935463  
cccagatata gaaggctgac tgcacagtca cattccgagg ttcttgggggt 139935513  
caggatttaa acatatgaag tttgggggtg ggggccgaat tcatcccata 139935563  
acacagtatt aggctatcaa ccaactgtttg ctgactgaga aaaaaatgaa 139935613  
tgaccaatag aacacagaaa cattatggca ggcatgctcc cggagcagt 139935663  
tctcctagca cacgcttctg aaggcctttc ctttttcccc cttccctctc 139935713  
cctccacca tacaagggtc cagacgagtg agtcttctgt caacttcggg 139935763

tccaacctaa ccaatccagt cacacaaaac cctgtgcat gaacttcaga 139935813  
catgatacta attcccagga aagactaggc catctccagg aagccttcct 139935863  
tgtttgtctt cagggaaacc ctgctcagta gggggactgc agaacacaca 139935913  
gaagccattg agttgtctct atgatgatga ccacatcgca gcaggggtaca 139935963  
gctgagccac cagagcttgc ccatctgctc cctctgggcc ccgcatgat 139936013  
tctttctatc actgcctgta agcctttata gtcttcctct ctctccttgc 139936063  
aagagaaacc tcctaacttg ttggccactg atggacttta accaggggtg 139936113  
ttgtcatgga cctgtattgc caccaagggt gctttggctc cctgagtcct 139936163  
gaccctctgc ttgttacttc ccaacagGCG TCGGGTTTGG AGTTCAAGTC 139936213  
GGTAGCCGAC AGCGTTCTGT TTTTACGTGA CAAAAGATGG GAAGAGGTCA 139936263  
GAGGTGCCCT GATGTCTGCT TTCAGTCTG AAAAGCTGAA CGAGgtaaga 139936313  
catgagaaat gcaaactctc ttctcttacg gagcaggttt cttctctcca 139936363  
aatcgtgatg agagccagtt catgttgcat cacttgccca ggtgacacat 139936413  
caaaatgcct ttcccactgg gaccttcaga cctctctgtt atgcagaaag 139936463  
cacgggactc tgtgttgagc gtctttcgtc tctccagcct cccatatccc 139936513  
cacttgccat aatgaactg tgagtcaaca agtacacagg gcattcgcct 139936563  
gtgtccagag acagagcttg aggtgctttg ggggcccag gagacaactg 139936613  
caacagtgctc tgttgactg tcatgcataa tggatcacct agggatctgg 139936663  
ctacaaagca ggctctgatt caagagggcc aggttggcct aagaatctgc 139936713  
atttataaca cccggccagg taatttcgtt gttactggac aatgaaccac 139936763  
actttacata gcaagaaact agagaacagc atgaaacaaa ggtgacctac 139936813  
caatcaagtc ttaaataagg aggtgattgc agtgaatgac tggggaggag 139936863  
tgggcgatca tgtcaggcag ggacaccag gttaacctct aggcccaagt 139936913  
caaggggaagg gcaggctcca caggatgcta ccagctctct aaggccctgg 139936963  
acactctcct ttccctactg agtgactcac tctttcctat cagctgtgca 139937013  
cccaaaaccg ggtgtttgta cagcctccag accaatttct cacacaacag 139937063  
atcctgactg ctgtgttttg tatctaagcc tgacagcccc ctcaattgct 139937113  
ggtctggcct tgggtgttgc tgttctgaat tgtgcaacca caagggagag 139937163

agaacttgag cccttatgat gtgaaggggc taaggggctt ctttagttcc 139937213  
agtctcaggt acacagggcat ctctagagca agggagcttc caaagcttgg 139937263  
cttgagtgcc ctgggcttct gccatccacc ctgtctggat gttccagagt 139937313  
agcctgtctt cagttcaata aaaatgaaag ctacttttag cttaagctca 139937363  
agatgctcat ccatatgggc ctgattgaat tcctataaat cttctgaagt 139937413  
ccccagaag aggaggggggt tccacacctc attatatcca attaaactca 139937463  
ctcagaagct agtgatcccc ccatttttat gaggttttga tttgcatttc 139937513  
catgggtagc tgttggtggt tgggggcaga gcctgtctct gtatgcagca 139937563  
cctgctcaca ctcacacagc tcagagtcag gtaccaaggg ttgcctgttt 139937613  
agactaacac actgcctctt caccacattc ctgcgagata aataccatca 139937663  
tccttattat taccatccca ttttacagag gaggaaacta ggcacggaga 139937713  
gattaagtag cgtgctccaa gtctcatagc tagtaagcag cagagccaaa 139937763  
atcagaatcc agctccggag cgctcttcac ctctctgcct gactgcttgc 139937813  
tacctccatg tgattttcca gtggtgctcg gaggccacgt aggactgtgc 139937863  
caggggctgt ctggaggatg caggaagggg aagtgtagca aatggggcct 139937913  
cggtggaag ctggggggtg ggggagggtc agaagcaaaa cttctctatt 139937963  
ttctgcctaa gtttgaacc aactgaggta tggaaagagg ttttaggcaa 139938013  
aggaaataaa attttctctt atcttactgg taaagctggt tgaaaaatag 139938063  
agtccccatc tgatcacatg ggcttgctat gctaatactt cacccagaat 139938113  
gggacaattg caggggggtg gcagatgcca tcggggctgg cccgcggccc 139938163  
acatgtgctc aattccttcc tccaagactg ggtctgatac agttagaca 139938213  
gcaggagatg gagagtgact tagatgcagc ggttgccag tggggccac 139938263  
cgggatcact tggggggctt tgaaaactgt tgctgcctgg gtcccacacc 139938313  
tagaaattct cattcgcttg gtttgcttg ggatgcagcc tgggtttgag 139938363  
gatatttttt tcaggctccc caggtgattg tcacgtaaag ccagtattgg 139938413  
gaaccaccac cagtagaagt tccccacaag gacatgagag gaaaggggca 139938463  
cctgcttcca ctgcaacaat tagccctgct cacattgatc tctgttatct 139938513  
attgaggatt cacaggagaa tgtgaaggaa gggcctgcat cttaaagcta 139938563

gaaaccactg ctctaaacca tgtagactag ctgcctggag tgtgcccctt 139938613  
tatcacatcc agccactaaa aggttgagtc agccaagaga agaccggggg 139938663  
aagagaggag aggtaggtga gcctagggct ggcatcacta gcgtatatgt 139938713  
ctgtattcaa aagcaatggc ttcattggcac tatagaagta gaaagaacct 139938763  
catgtgtgaa aaagaaattg gtaaagagta tctgagaaaa gaagaaaaga 139938813  
gaaagaagaa aaggaagcaa ggaaaggaaa ataaggttta gcagtcctgg 139938863  
gctatgattc tttgataagg aattttatca tggctctagat tcctttaacc 139938913  
ccttacaggg gatactccag aaagtgcac attgtcgttt cccaagcaaa 139938963  
tccagtgctc ctggagtcca gtcttctccc tctagtccag aatcaaatg 139939013  
catagtgcct gaattaattg cagaaaatag agttcctcaa tatgtccacg 139939063  
gcattaagat gccaagagaa gccaggcaag gtggctcacg cctgtaatcc 139939113  
cagcactttg ggaggccgaa gcgggtggat cacctgaggt caggagtca 139939163  
agaccagctt gatcaacatg gtgaaaccct gtcttacta agaatacaaa 139939213  
aagtagccag tgtgggtggca ggcacctgta acccagcta ctcaggacc 139939263  
tgaggcagga gaatcgcttg aatccaggag gcagaggttg cagtaagcca 139939313  
agatcatacc actgcactct agccttgggtg acagagtaag actccagact 139939363  
ccatctcaaa aaaaaaaaaa aaaaaaaaaa agccaagagg tagagagaga 139939413  
tttcatagag cccattattt accatacact atcaataacc ttgaaattcc 139939463  
cttgaaaggc attttttct actccatata gttcaattta ggttcttggg 139939513  
tttgcgtttg aaaggattcc atcccagagg caggagaagt taactttttc 139939563  
cccacctctg gggatttttag acctggcgag ttgaagtta ctggaaggcc 139939613  
cctaaggaga cccttcaaga agaagttggc tgtgcagatg gcactcaggt 139939663  
gggaggggga agaaagatgg tcttcaaac acagagacgt gtagcatatg 139939713  
tgttagatat ggttctgggg agaaccatat ttaagggagg agcggaggag 139939763  
aaacctataa agaagactca ggaagaacag cctgaaatgg aaaccagcag 139939813  
aatgtggaag gggaaagcat ttcaaagagg aaggagcagc cagaggtgtt 139939863  
aaatgctgct cacatggaaa gaaacacgag gacgaaaaag tgcacagcaa 139939913  
agataatatt tctgaaactg gaaaccaatg tatgtctgtt tcatgctcca 139939963

tagatcgtgt tccctgtaat tttcccgcac ccgcggaatc aatggcacca 139940013  
gtgggtgctc ctgaaggtgc ctctgaggaa gacagtaggt gccatccaga 139940063  
acaaggaagt agttgcttga ttttgaactg tacgttagca agctttatta 139940113  
ggagaggaaa gagttttcct aattccaaaa gcagctcccc tttgcatatg 139940163  
aagagcagag ggtttgaggc tctaagccat ggtgtagaca ggatgcagga 139940213  
aatgacaggg gggctgcttc tgggctgtgg aagatgggtg gaggggacaa 139940263  
aatgagaagt gtcctatatt cctcccaaaa acctcctggt ttctggatgc 139940313  
ttcctcaaac tttaatctcc cagctgcctt tgttctctaa gtcactggtt 139940363  
ctcaaacctt gtgggaccaa gggctgcatg agaatcacct aggacccttg 139940413  
ttaaaaatac ataatttcag ccacctcaag atctatatag tcagaatttc 139940463  
taagggtaac tgagaattcg catgtcacga gttccctgga aagattctgc 139940513  
tgagagccag cgtggaaagc cccggcacag tgagtgttcc tgttggtccc 139940563  
ctctctgacc acctcagacc gactacatct ccaggctcga aggacctggc 139940613  
ccctgaacct ccaccctcca ctgctttatt tttctctgtg gaactatcac 139940663  
cagctaacat tccatthtgt ttacctgtht attgtatgtc cccttctgct 139940713  
agatggatgc ttcaggagga caaagtcttt ttgctthttht cttatthtct 139940763  
ttatggthta ctgcacacac taggtacata atagacattc aggaacaatt 139940813  
aatgaatgga tgtatgaaga atcaaagaac cgagaagctt tctacctatt 139940863  
ctgcctaagg atacatgatg aaactaagct aaaaaaatga aagggaaata 139940913  
attctatcaa gaaaaatta aataagagga tacagcaaac tggctthtcc 139940963  
tttagagagt caccaatata tatacacata tacgtataca catacaaaaa 139941013  
gtcacagaca caaagagggg aatgagccac agtgthtagga gatagctcag 139941063  
agactctgag ccacagatac tcggctgtgg gtatctgagt cagthtthct 139941113  
ggaaatagct ttgaaatacc agcatctcta gtcctthtctg aatthgtaag 139941163  
tagtctthtg actthtgtht tcaaacatca gagthtthtct ttgaaataaa 139941213  
agthtgthtcc cccttggaat tctgaggctt tctcctthtag aaccttgga 139941263  
gcctaagtcc ctctctacct gtgtctthta gtatggtcaa tattcaaaag 139941313  
ctthtgatgg cgttgctctc gthtthtgcgg atatthagtht gcctcagtht 139941363

acaatgcttg aaaatggctt taaaatgagc atcatatcat gaagccatat 139941413  
ttgtatttaa attaaaattg tttttttttt ttggcctatg tcataccagg 139941463  
gataatatag agcaacagag aaccagggaa aatgtgattc atgcatctcc 139941513  
aagtcaggaa aaagagacta ttggaatcat agccagcgac aaacaagtta 139941563  
ttgggattta tagaaaagga tggctgagca ttcctggaaa aacaactgac 139941613  
tttttgttgt tgttgctggt gttagggaaag attttgtctg cttaactggc 139941663  
cagagttttc actccatccc ccgaagaatt gacgttttaa aaagcacaac 139941713  
tntagattta gattttcaca gtcttttgct agattcttta ccaaagacta 139941763  
ttagtgagta gtaaccctgg gattgtgtaa aactttatta aggatgaggg 139941813  
aataaatagg ttaatttca ggaaataaaa ctggggctaa attagtactt 139941863  
ctctgacgga aaatgtataa ataatgtgat cccctgggga cccaggttag 139941913  
cactagattt atttttaaat tttataactc atctgaaaga gagagaacac 139941963  
agtggaatct atatatttgt atattcctct aagctgttct gatttgaaag 139942013  
atattaaatc aataggaata actttctgag actcttgtaa gattgcataa 139942063  
gtcagcacia aagtggcagg taaccttcag tgtaagcaag aataaaagaa 139942113  
tacatttagg agaaaggcat ctaaactgta cttatatgat gatgaatttc 139942163  
aagctatgaa ttactaccag ggaaaaggat ttgaaatatg gaggaccgaa 139942213  
aaggcccat agtcaaataa tttggtgaaa tattacaaac tatattcttc 139942263  
aagattcacc atgtacctga gcatatgaaa ggcttgagaa aggctgcag 139942313  
taaagaaacc tgcttaactt tgtttattct gggctcaaat aggttttcaa 139942363  
aaggagagaa cgtgggttgt taacttcctg gttggctact gagagaaatg 139942413  
agtctcttga gcaattatcc tttgcaggta gcttccatga agaaccctgt 139942463  
ttttgagtgc ctctagcaga gactaagctt caaacctcat taacctgga 139942513  
tccaatcaa tatggcagct tgtatgttct ccattctcaa agccaatat 139942563  
aaatgatggg ctttcttcat tcaccagat aactaagagc tgatggtacc 139942613  
ccattgagca gatatgggag acaatgaatc ttcatagatg agtgcctaag 139942663  
gatatatgtg tcaactcaaga gtaaatgaac caatcatggt gctatgcata 139942713  
gggactcagt taaagaaaag tcagataaaa tgggaggctg gtatctcgca 139942763

cagcactgat ccggctctct gcctaatttt tcacttttca tccagatggt 139942813  
ccccgtcaag aaggcacagt caataatgta tgaatcttaa aggcagaggg 139942863  
agatgtgggtt attactccct gtaggcattt cctgacttgg agacgacatg 139942913  
ttactcgaga atgactacaa tttttaaaaa tttaagttga tatagcccgc 139942963  
ttatgagtaa atgcatttca gtgcaaaagt cttttcagaa ttacagtcat 139943013  
catcacagtt tagtttggcc tttaaatttt cactgtaaac tctccagatg 139943063  
gtcacatatg ggggcttcta aggcagaaca cgcttcccaa taacattaga 139943113  
gcaagcagcc ttctctagga ggcattccatt tccagcagtc tatttttaat 139943163  
atgtgctttt atttcttaat cctcctgaac aataaaaaatg aacgtcatta 139943213  
taaccaagtg tggctgtagt catcaatact tcagagtcca aaaatacatt 139943263  
ggccttgccct gaccagttgc ccattttctg gaatagctgg gtatttatct 139943313  
agcagcgaga gaccattatc ctgagacaca gtcgtgttcc accgacacct 139943363  
gatctactaa ttaaaatcac tatcatgatg gactgtttaa attctggttt 139943413  
aaatgttccct tttgcatttg catttaaaag aaaacacact cctcatcatg 139943463  
ggcaccagcag cctgggttat aatttggctt tcctttgcca gaattataat 139943513  
gtcactctga cttgccgctg gttaaactca aaagagcatc taaatgtgcc 139943563  
tcacagcttg gctgttgctt ggcaacgcca gcagccacct cctcattggg 139943613  
gtgacttcta attggtcaca agtcttgaca ggagccactg acttattaga 139943663  
aatgacactt gattattcac ctagatggct agagctgata cttagcagca 139943713  
ggaaattttg cataaaaagg agtcgtggat gtttttaata tctgggtggc 139943763  
tttttagcga ggtgtagtgg aagaaggaag tgataagttt cattagtgga 139943813  
aattaatttt tcatttggtg gtcaccagtt tagagcactt taaggcatta 139943863  
atthttttcat ttttaaaaaa aaccagaaa tacgtttaa taccttcccc 139943913  
caccagcagc agctgaccct tacttattca gaaaaccctc ctctgacatc 139943963  
agccccaaaa tattgcccc aggtccacca agggccaaat cagatgaaat 139944013  
gttcaattta taaaggtcaa caaatattta ttaattagtt cctgttgta 139944063  
aggagtattt aatgtagaag agaaacaagg tacataaatc actgcattat 139944113  
taccaatcgt ggaaggtggg gacagagctg gggctcctgct ttgagcatca 139944163

gaagccactt tggcagggag gaagcagtga gtagcaccgg aattgagctc 139944213  
tgaagattht gctgtthtga cagagggaga aggtgcattg caggtggaat 139944263  
gagctgcagg aatcaaggca tctggacaga aaagtacagg gtatgttcag 139944313  
ggaatagggg agtaciaaatt ggctggaaca cagagtacat gtaagggatt 139944363  
agtgagaaaag aaagctgaaa aagtaggttg aggcacgtac agttcactgt 139944413  
tctgtgccga gagagtgttt ggtgcacact tcactagagc tcgaggagct 139944463  
attaaatact tgaaagttag ggagtacact gctcagaact ctgtgttagg 139944513  
aaaaaggggt tcatttcagc tgthtagccc ccaagccagc catttcccag 139944563  
acccatgggg caaatctthc tgggtgcagat gaggggaaact gtgaattgtc 139944613  
tggaggagtc tcctctthgt agtagcccca agtatgggca ggctcccagg 139944663  
ggccatgtta tgacatcaag gcagcgggtg cactgtggc tctthtgagt 139944713  
ccctcttcgt gtgtggatca acaagtcacc caagctacac accatcaacg 139944763  
thtggggctt atctctgtth agatggatag ggthtatgtaaaaagaccct 139944813  
ctccttcct ctctctgtgt aggaaatag thttccctag cactcagcat 139944863  
tgtccaaact thcaggaact ccaaaggctt aaagatggtg ggthththtct 139944913  
thctcaagth tatgacataa gatctgcaca gaatgacct gaagtgata 139944963  
aactaaggag caaaggaaat gtggaggctg agththgtgg gaaagcaaca 139945013  
agccaggagt caggatatct ggggttccaa thctcatttg aacacaaaaa 139945063  
taaccagatt ctgcccttht ggtccctatg thttctgaag thgatgtgtc 139945113  
aaagaaatga caaaaggctt tcttggaat gggatgtgtt gctgaaagca 139945163  
catggaccaa tgatctgaca thtccctgca ctgagctaag aatttggtg 139945213  
ctctctccat ggcttcaagc aactgtctca acctgatgct thgtgacctc 139945263  
cttggaaatct tcaaagtca gtggaaaggg acattatagc thattgcat 139945313  
cagcccttca thtagggatg aggaccacg thcagagaga thcaaagcc 139945363  
aggthcaaag thaacacatag gaccagcatg agthctcagct ththcttca 139945413  
gagccagtht thcagcaacc aactgtatt catgctaaga gacagtgcct 139945463  
caatctgttc atgtthcttg ggtaccttct atgtcaaggc thtcaaggaa 139945513  
cattgatca atcagtcctc acacaggtat thctagaaaa thaacagaat 139945563

ggggtgtgct atgctcattc ttgatataac aaataccaaa aacttcatta 139945613  
atccatgaca acatgcaata gttaccacaa aagagcaata ttgagagtgt 139945663  
attagttatc tattgctgtg taacaaaatt accccaaaac ttagtggcctt 139945713  
aaaacaaact tttgttagct cattgtttct gtgggtcagg aatcctggca 139945763  
tggcttagct gagtgcaaag gctgagtcca gagggactga gggctgaggc 139945813  
cagagggatc aagggtgtctt ggagtagtag tcaaattggct ggcctgatct 139945863  
gtggtctcat ctgaaggctt gactggggga agatctgctt ctaagcctca 139945913  
tcacacgggt attagcagga ttcaattcgt aatggacttt ggaagataag 139945963  
aatcttgtac tgtgtccttc agtcagtggt gatctacaaa tgtttcagca 139946013  
aagcattact gaaataacaa gtatTTTTGG aagatctggc caggcatggt 139946063  
ggctcatgcc tgtaatcca gaacttcaag aggccaaagg gggaggatcg 139946113  
tttgaaccca ggagttcaag accaacttgg gcaacatagg gagaccccgt 139946163  
ttctacaaaa cattaaaaaa attagccagc tgtggttgtg tgtgtctgta 139946213  
gtcccagata ttaatacttg aggggctgaa atgggaggat ggtttgagcc 139946263  
caggagggca aggatgcagt gagctgtaat catgccactg cactccagcc 139946313  
tgggtgacag aatgagatcc tgtctcaaaa gaaaagaaaa gaggccagga 139946363  
agctctttca aagaactttc tttagtacac ctgggtgtca ggcactatca 139946413  
aagtcctaag actacaaaga tgcttaggct atagtctttt ttctcaagaa 139946463  
ggaagatgac aaccatattc caggtgacaa gtagcaacac ctgaactagg 139946513  
aggtgactga ggagataaat atgaaagaac agatgaaaga aaggaagcaa 139946563  
tgttaacatg atgaggcaag aacagatggc tccaatgggg agttgtccct 139946613  
gaggaacaag aaaagagaag agaatgattc cagtagtcca aaccagcctg 139946663  
ggaggacgga tccctccaga ggacaactac catgtttaca ccactccctg 139946713  
ctttctgtgc caagtgtttt gcatattttg tttctaactt ttgtcacgac 139946763  
tcttcaaggg aggtattatt ttcatttttg cagatgagga actagactca 139946813  
gtgaggttag gcaatgtacc caagatcaca cagctataaa gtgccagggg 139946863  
aaggaaacct actaatttgc agtgcctttg agtatttgct atgcttgggg 139946913  
caagtattct ccaacaaggt cggaatctta cactcaagga aggaaactca 139946963

gtgatgagat tctgtgagtc acccaaaagg agaggagaag aagacctttg 139947013  
agcagaagct ctcagccctt cttggtcgtt actctctttg cccactcatc 139947063  
aggccctccc tccttttaga attcactctg ttgccctctg tctgcacctt 139947113  
gactcaaaat ttcacagaca cagttggtag aaaatccatt aaaaaaaaaa 139947163  
ctggtgccca tcaatgacag actggataaa gaaaatgtgg tacatatatg 139947213  
gcatggaata ctatgcagcc ataaaaaggg actagattat gtcctttgca 139947263  
gggacatgga tggagctgga ggccattatc ctcagctaac taacacagga 139947313  
acagaaaacc gaacaccaca tgttctcact tacaagtggg agctgaacaa 139947363  
tgagaacaca tgcgcataag gaggagaaca acacacactg aggcctgttg 139947413  
ggggaggggg gaggaagagc atcaggataa atagctaatg cctaatacct 139947463  
agggtgatggg ttgatagggtg cggcaaacca ccatggcata tatttaccta 139947513  
tgtaacaaac ctgcatgtcc tgcacatgta tcccaaaact taaaataaaa 139947563  
taaaatttta aaaaactggg tactttaatt acataagaat ctccagggtta 139947613  
tgcagaacct tccttccttg gggaatttgc ttcccagggt ggggatggtg 139947663  
atctcccctg aatggttacc actggttgcc agacagctgc tcagcctcac 139947713  
actcggcatc acctgtgtag ggacaaccaa tgtgagaggc gagaggaaca 139947763  
aaatgggaaa ctttctcccc tagcttggct actgcactgc aaccccggtc 139947813  
ttagcttggg ctgtcataac caaacaccat tgagtgtgtg gcttaaacia 139947863  
cagacttttt tttttttttg agatggagtc ttgctctgtc acccaggctg 139947913  
gagtgcagtg gcgtgatctt ggctcactgc aacctccacc tccaagttc 139947963  
aagtgattct ctggcctcag cctcccagat agctgggatt gctggcacgg 139948013  
gccaccacac ctggctaatt tttgtathtt tagtagagag ggggtttcac 139948063  
catgttgacc aggctagtct tgaactcctg acatcaagtg atccacctgc 139948113  
cttggcctcc caaagtgctg agattacagg agtgagccac tgtgccaggc 139948163  
ccagacatgt attttctcac agttttggag gctgggtgcc agcgttggtg 139948213  
gtttccaggg aggcctctct ttctggtttg tgggtagccg ccatcttgct 139948263  
ctgtgcccac aagacctgtt ctttgtgcat gagagagaga gagagggaga 139948313  
gagaataagc atgagtgtctc tgggtgtctct tcttataagg acaccaatcc 139948363

tattggatca gggcccatc cttgtgactt taaccttaat tacttcctta 139948413  
gaagccctat ctccaaatac agctacactg ggagttgggg cttcaatgta 139948463  
tgaatthttga ggcaacccea acattcagtc tataagaact cccaataaat 139948513  
cactthttttt aaacctaata acattaatat tttatctgat tataagtgta 139948563  
atacatgtgc attgtgaaaa atttggaata aaacaaaaaa taaaaattac 139948613  
tcattatccc atgaagaaga tgaaatgtaa caaccgaatg catctthttag 139948663  
taagatctga gtgagaatag cattgtgtat tcactctgtgc atgtgtgtgt 139948713  
gtgtgcacat gccacgtttg cctgcttggt caaaaatcta ggagaagaac 139948763  
tgcgggggttt gtggattgta taaagattat gcaagcccat caaagacagc 139948813  
thttgtthttg atgcaactca tgtaaaagta aatattccgt aactgctgtg 139948863  
taaaatgcaa ggaagaaaac ctgaaatgat ggctattggc caacatacag 139948913  
attatgctcg gctgtcttat aatathttct ctgcattgct thttaaaaa 139948963  
thtttcatat tacatgcccc atctcatatc acattaacc aaataaaaat 139949013  
gtcattatcc attcagttcg acagacagca agcagagtat cgcagaaaat 139949063  
tacaatcacg tcaggcagca acaaaggatt ctagtcaaaa gcacgtagaa 139949113  
gacccgatgg tgggcagctg gcctgggctt tctthcacac tgtccaggaa 139949163  
tatgthttgga ttcagaatgg gtggccccct cthttatacac agggcatgcc 139949213  
tctgaagagt tgtgtgtaaa tcacathttta tghtccatct cthttgttat 139949263  
gttaagaaaag cttcaagcta gatatctaaa aagacttcct ttcaaacagt 139949313  
acatatatat atgtagatag atagacagat thtctthttac catgthtacta 139949363  
thcctctgaa gtaaathttaa aaggtathta ggtthtatggg athttattaa 139949413  
actaggattc agttgtacca ctaaaacttat taagataatc gaaggaagat 139949463  
agccagtaaa gctagttata aaaatgtggc ttagactgta ctgactthttc 139949513  
caatgttaag ggtagactga gactthcttg aagthggggc cttagagacca 139949563  
thtttaagtga cccattggca caccctthttg tactgatgga thattaaaatc 139949613  
gatgthttgt gagaathttag aaaagcatac agtagtcatg aagcatcaac 139949663  
acagagatac taagaataaa tcaggatagt catacttatt thtctthttt 139949713  
gagthgactt ccagataggt agatgagta aatcacattt ctgthttctac 139949763

aaatcatttg acaaagtctt cccagctga ctcatcagta aagcggtgcc 139949813  
tggctgagta ttacttagg ttcatgcaca gatagcccaa gatccaaaaa 139949863  
cagtgatgat gaatgattct gcggctacct aaaccagctg tccagtggag 139949913  
gggcacaagg ctctgcacca gggcctgcct acagaccaat gaactgaagg 139949963  
gaggcttaga aggcacactt actacattgc agatagaacg aagaaagaat 139950013  
agcccagtg tgcaggtgat gggatttttt tttttttttt tttttttttg 139950063  
agacggagtc tctctctgtc attccagtga tgcattcttg gctcactgca 139950113  
acctccacct cccaggttca agcgattctc ctgcctcagc ctccgagtag 139950163  
ctgggattac aggtgcctgc caccacgccc agctaatttt tatattttta 139950213  
gtagagaggg ggttcaactc gctggcccg caggctgggt ttgaactcct 139950263  
gacttcaagt gatccgcctg ccttggcctc cgaaagtgct gggattatag 139950313  
acctgagcca ccacgcctgg ccaggtaatg ggattttaat gagtgagtac 139950363  
atcttttgct cccccacagt gttcaaacac cccagtgtc taagccctgt 139950413  
ggctttatga acagcaaadc tattttccca agatggctct ccctccatga 139950463  
gccttggcaa cagggcactc atgagtctca gatgctctgc tatctctcca 139950513  
cttgggtgtg ttatgctgtg aacattctgc tccttgagct gttgttcagc 139950563  
cgtccatagc gctgtccagg ccattgtccc tgccttgggt accacctcca 139950613  
cgtggcagcc ttcattggagc cattgcagct ttgatctaca ggactccctc 139950663  
accctccatc tacgggacct cctcgcctc catctacggg acccctcgc 139950713  
cctccatcta cgggaccccc tcgccctcca tctacgggac ccctcgcctc 139950763  
tccatctacg ggacccccct gccctccatc tacgggacct cctcgccttc 139950813  
catctacggg acccctcgc cctccatcta cgggaccccc tcgccctcca 139950863  
tctacgggac ccctcgcctc tccatctaca ggacccactc cttcagcaga 139950913  
ggagttgggc ccctggtaac acaattcttt ccttacacct agagcacgta 139950963  
ggactgactc ggaggaaact gcagaggaga ggggtcctat aaaatttcat 139951013  
gtcctcccaa catcctgtca atagccggcc agctgtcca ctctaccagg 139951063  
tgtctccaac caactgaata ttccagagaa gataagagat cgttctgctc 139951113  
agaacacacg gcaggacaac tagtgccttt ctaatgaatg gtccctaaaa 139951163

aaatcgaaat agcaattgta cctggttatc atccatggaa aaagacctcg 139951213  
tggttttcat taacctgaac ctcaatattt gcctgcactg tttgtcttct 139951263  
agaaaagtca acataaaact ggctttgcga ttgacgtgta gggtagacat 139951313  
ctcaggaagt gattcattta ccatacacca atccacacct gaaatactgt 139951363  
attccactta tgaggccacc tttaggagtg accctgataa agatgagagc 139951413  
aataaggcag gaggggtgta tgcaagccat atggttcagt ccccatgta 139951463  
aaggatgggg gcagccaggc acagtagttc acgcctgtaa tcccagcact 139951513  
ttgggaggcc aaagtgggtg gatcacgagg tcaggagtgc tagatcagcc 139951563  
tgatcaacat ggtggaatcc cgtctctact aaaaaaaaaa aaaaaaaaaa 139951613  
aaaaaaaaaa ttagccaggc atggtggcac acacctgtaa tcccagctac 139951663  
ttgggaggct gaagcaggag aatcacttga acctgggagg cagaggttgc 139951713  
agtgagccga gatcacacca ctgcactcca gcctgggcaa caaagcaaga 139951763  
ctctgtctaa aaaaaaaaaa aaagaaagaa agaaagaaaa agaaacaaag 139951813  
aagaagaaa gaaagaggaa agaaagaaag aaggaaggaa ggaaggaaag 139951863  
aaggaaggaa ggaaggaaag aaggaaggaa ggaaggaaag aaagagaaag 139951913  
aaagagagaa agaaagagag aaagaaggaa agaaagaaaa gaaagaaaga 139951963  
aagaaagaaa gaaagaaaga aagaaagaaa gaaagaaaga aagaaagaaa 139952013  
aagaaaggaa ggaaggaggg aaggaaggaa ggatgggaac agttgtctag 139952063  
gagaagatgg ggagcagata ggtacttgct gtctgagtgt cgggtgcact 139952113  
gtcatgaaga agagaacaga aatgaaacca gcaaaagatt gttagacgaa 139952163  
gtcagatttt gcctcagtac aacaacatac cttctgagaa gcagattaac 139952213  
tttataactt ttcccagtcg ctcaagactt taagaggaaa gagtgggtat 139952263  
tacataatca gtacgatgcc atgattcgtt cattcactta acaaataatt 139952313  
actatgagcc aggcgctggt ctaggtgctg ggtttataaa aatgaagaaa 139952363  
cagactaaga tctctctgac ctcgagaact caatattcta gtgtgaaaat 139952413  
catcaaatct aaacataggt tacattttat gtctttcatg agaaatgctc 139952463  
agaatgatgt attagagcac gttgctttag ctgtgatgct attctagaat 139952513  
gggcagcgaa taaaatgatt ctgctcgata ttttcagctt ggccttttaa 139952563

tcatgcaaga gagaataaaa ggtcacatgg gtggccagca ggctccacaa 139952613  
agaattccac ccacccgttt gtcgaagccg agtggatatct atgtgaatct 139952663  
ccattatgcc actctacctt tctgtgtaag ttaggaattt tctaacataa 139952713  
aagtattttc ctattaaaaa aaagaaaccc aacaattgcc ccatgtgggc 139952763  
ataggaggca tcttgaagtc aaggttttcc cagtattcga aagcttagcg 139952813  
gcttaagcac aaaagaataa ccatccatca ggaatgctct ataaataatt 139952863  
tctgtgttaa ataagaagtt gaaatggatg accttaggtt cctttggata 139952913  
ctaagattca atattctagt gaaagatcta aaatacaatc ggaatacaca 139952963  
agcatagact tgggttaatt ccagggattg tgcatatgga ttaggcttta 139953013  
tttacttgct aatgctaacc aaatgtcatg aaactgagta ctgattctca 139953063  
gttttgtcta agcacttaat gatcattttc ataattattt caccgattc 139953113  
actgtaaadc tgttcttctt ttttgcttcc aaagataaaa aatgcttaag 139953163  
ctaaaataga cgtttagagc tattgtattt tatgaatatt tgtgaatttt 139953213  
aggatcttct tcttgaatct tagctgtgtg aaaaatatct tccaaacagt 139953263  
gttcattttc ccagaaagca ctacatataa cctcttcac tgcagccaat 139953313  
ttaggtgtac tcccggcatg gtgccctaat tacaccttg ttatccatta 139953363  
tcagATGGTT CCCCTCATCA GCCAAGCCTG CGACCTTCTC CTGGCTCATT 139953413  
TAAAACGCTA TGC GGAATCT GGGGACGCAT TTGACATCCA GAGgtaaggc 139953463  
tgctgcatta cagatgagaa atcgagtttt tgaatcactg cttcttgtaa 139953513  
ctgtccataa ttgctgacaa ttaccttggg actagcaaac tgtggaaacg 139953563  
ctagaagctc ataaaagcat ggatggactg attaataaaa agaaaagaaa 139953613  
cccacttaac atgggaaaga gatgtgagca gagccagggc acgtgcgtcc 139953663  
tgtcgaacct gtggatggat ccaccctctg acctccacag acccaggaat 139953713  
gggcaggaca ggccctgcgc taaggacagg gatgggggga aagttcaagc 139953763  
atcttcactt caagaaaaat tgtggtgcac ctcagcccag aagctataat 139953813  
ttagtggtgg acaccaaatt taaataactg attatctggc ttttcgtcat 139953863  
tttgtaacta aaaggttttt gctttaaaaa aacatcttta gtctaagttt 139953913  
gtccgaccga cagcccgtg gccacaagca gcccaggatg gcattgaatg 139953963

tggcccaaca caaatattata aactttctta aaacattgtg agtttttttg 139954013  
cagttttttt ttttctcatc agctatcgtt agtgttactg tattttatgt 139954063  
gtggccaaga caattctcct gcttccaacg tggcccaggc aagccaaaag 139954113  
atntagccac ctttgcttta gtcattttat gccaaatcat ggcttacagc 139954163  
agataaagaa taaagtggga tggatgaatca tccagaaatt tattcattat 139954213  
tatcattgct aataaaataa taacataatc atcaccaaca ctggtattgc 139954263  
accagtttac acagtcctttt catccacatt gtctctgatt attataggat 139954313  
gcatgagttg gctaaagata aggtggcctc atcagctata aaagcaaagt 139954363  
aaataaccct caagaccctt aaatcttcaa ccttcaggat cagatgaaat 139954413  
cacattcagt agtctcattc ttgttttcac tctagcaggg aaacgtgtaa 139954463  
tcagttgtag aaacgttttc aataaaagca gtgtgaattt taaaagtcac 139954513  
ctggaaacgt catgtattcc ttaatgataa gttagtgggt atagaattca 139954563  
tgtacaaaag gagttaagtg tgtgcctaca ttgagaacaa aaattggcct 139954613  
tttaattata aaaagatatt aataaccag ttttttagctt tttggaaaag 139954663  
aacttaatct gactactcct ataagataac aaaaagaatc atttgagttt 139954713  
aaaatggcct tttgaggggg cagctttcct atagcctaag aggttaaatt 139954763  
ttctggagct cctgccagac acttttcctt ctgtttgttt ctaaagcaca 139954813  
atgtatgttt tctgtaataa tatacagatg ttcattgaagc ctgccttaaa 139954863  
gtttgtcttg tgtttatttg agtgctaaga gcccttgctt tttgttcatt 139954913  
gctattaaga aaactgtaaa atcattaaga ggaagaggga gacaaagtta 139954963  
ataaaaactag ataattaggt tgtaattca tcaaggacaa tttgatgtct 139955013  
atcagtcaat cattagattc tggcctgagc tgggctgtgc agagctttgg 139955063  
gtacagcatg taggcgttgg gtcacctgtg tgccctcctt cccagggagg 139955113  
aaactataaa gtgtccttct tagtacctgg ctgtgttctg gttgaccaca 139955163  
gctgcctgag gctcgaagggt ggaagaggct gtgccctcct ctctcccag 139955213  
gtctttgttt agacgccagg tcttcgtgtc tcctcccacc ctctgccgtc 139955263  
actgctcaga gtgccccatc caggagccca tctccctcca cctccccca 139955313  
gatctgcaga agctcctctt ccagacacat ctgcagggtt gggcaagcca 139955363

gtgtaagcaa ttcaggccct cctcctctgg agggggccat tgtgggtagc 139955413  
ccctgccaga gtcctttcag atctctgtgc tcccatctcc cgtagGTGCT 139955463  
ACTGCAATTA CACCACAGAT GTGGTTGCCA GCGTCGCCCTT TGGCACCCCG 139955513  
GTGGACTCCT GGCAGGCCCC TGAGGATCCC TTTGTGAAAC ACTGCAAGCG 139955563  
TTTCTTCGAA TTCTGCATCC CCAGACCTAT CCTGGTTTTA CTCTgtaagt 139955613  
gcggctgcag cccggggcgc tgcgatgact ccagcaagt gggcagacc 139955663  
catgacacct ggggtggctt ctggggctct gtccctgccca ctgggaaagg 139955713  
gcactcgggt tgttcccctg cagaggcttt gtcttatgga gccaccgggt 139955763  
tcctcttgct acccgcctag ggccacttat tagcaatgct gtagccctgg 139955813  
cattggtaat aagtggcccc accgccatgg tgagaacgggt tgggacgcac 139955863  
cgtgttaggc acgggggtgtg cgttgccctca cttagtccta gtactcacc 139955913  
tatgagaaaa atattcttgt ccctatttct cagggtgtgaa acaggcctag 139955963  
aaaggccgag ctgagactgg aacccaaagc ctttcatttc ctagggcata 139956013  
tttctttcct tcagcaaaat cctcttcaca agacttctcc acttgaagcc 139956063  
caacacacag aaatcctgtg tggtgatga ggattaggtc acccaatgca 139956113  
cgaggaccag tctattttatt ttattttatt tattattatt attatttttt 139956163  
tagatggagt ttcgctgttg ttgtccaggc tggagtgcaa tggcacgatc 139956213  
tcggctcacc gcaacctccg cctcctgggt tcaagcgatt ctctgcctc 139956263  
agcctcctga gtagctggga ttacaggcat gcacatcac gaccagctaa 139956313  
ttttgtattt ttagtagaga aggggtttct ccatgtcgggt caggctggtc 139956363  
tcaaactccc gacctcaggt gatccgccca ccttggcctc ccaaagtgtc 139956413  
gggattacaa gcgtgagcca ccacaccagg acttatttta tttttattgt 139956463  
agaagtgaga ttttgccctc tggccaattc tagtatcttc ttgcttttat 139956513  
aggagcattg acgtgttgtt atgcttggta ttgattattg ccatgatttc 139956563  
taaccattct gctgggctgg taaattccat tcattccttg accagtttca 139956613  
ttcccgtttc tgagccgatg tccatgggag cccgtcacct cactggctcc 139956663  
gccctgaaat cgtaggcaga gtcactctga gtgtccagca gtctcttcct 139956713  
gcacccttc caccgatctt ggaggcagcg caggctgtgt ctgccccttg 139956763

tgctcaacc acggcccagg cctgtggggc aggtggctca gttgtgcat 139956813  
cccttctatt tctcctctct gcctctgcag ggcctcctg ctgctgtgtc 139956863  
acattggttc ggactctggc tcttgaaaat gggcctgcgc attctgagag 139956913  
catgtgtgtc tggagatggt ctccccagcc cagctcccat agagcccgg 139956963  
acagggtgaa cccacaatgg aagctgagaa gctgaaccca gccagtgcc 139957013  
ctctccaggg gagatgaggg gttcctgact ctggcagccc gatccccagc 139957063  
acatggcagc aagggcccat gctgcacca ggggccggca agggaggcac 139957113  
ccacagcagc aacagccagt acccttgtca gcagctgcag tggcagctct 139957163  
tgggagcaat tcaggaggtc atgctgggaa caattatcca ctggaaagaa 139957213  
aattcaaag accagaaagt ttgtaaaaag taaatcagct tctaccactt 139957263  
gctaaggctt gaaacagcct gtaatccttt ctctcttaat gaagtacaaa 139957313  
gaccttcagg tctcatcccc aggacctgaa acattaattt atgaggtgga 139957363  
ccttgacctc ttgaggcca gatggaagtg cagactcgat taattgcaca 139957413  
gatgtttatt gagtgcttac tatgtgccag gaatggtgag gagtaccgag 139957463  
agggagtgag acatcacccc tgctctcaga agcagcagtg cggcggggag 139957513  
ggcaggactc caaaacggct ccgattccag gcccgcgttt gcttcccggg 139957563  
aacaggcgtc taatggccct ggtttattat caccctttt tcaatgccac 139957613  
ttttgtttt ctctttcaag **TATCATTTC** **ATCCATAATG** **GTCCCCTGG** 139957663  
**CCCGGATTT** **GCCCAATAAG** **AACCGAGACG** **AACTGAATGG** **CTTTTTTAAC** 139957713  
**AAACTCATT** **GGAATGTGAT** **TGCCTTGCGG** **GACCAGCAAG** **CTGCCGAAGA** 139957763  
**G**taacgtat ttaaatagga cacagccttg aaatggaatg gagccgactt 139957813 IVS8+1G>A  
tggcatcact gtctctgctc tttctcttcc ctctcagccc cgcacatcac 139957863  
accgtgccgt ccttcagcaa cccaccactt acagcttcca gggacagtgg 139957913  
agagaacaga ggaaggttga ggaaggctcag acaagaaagg gaggggtggga 139957963  
cggcagagag aagcctacag caatgtgtac atcctcggac acggacgggt 139958013  
agaattaaag ccgccccaa aactgtctcc ctagtgcaag catcaaccca 139958063  
agcacagggt agaatagccc agaagaattt tctgggtaag tgtgccaca 139958113  
tgcaattttc atgagcatat tctttatatt gaaaaccag caagatggag 139958163

ttctccagca tgaacagcat gcttattaga gagttcggca actgtcagtc 139958213  
actaacccca cactcccact cagcatggag gatgtcgcta cagaactcgt 139958263  
ggttgagggc cccctggact ccttggcacg attcatatga gacgtagcat 139958313  
tttctttcct ccttgcagat ttgcactatg cttggcacat agtaggaatc 139958363  
aagtaaatat ttgttgattg aacttggcta aaatagaaaag aggagttttc 139958413  
agtgggaaga aaggtcattt caatactgga tatgcatatg catatgtaaa 139958463  
tctgggcttt aaagcccttg tcacattaaa gaaagttact aaaaaggaaa 139958513  
acagggctga aatggccttt ccttagctgg ctctgtgcaag atgcaacttt 139958563  
aaaagggttg tctcaaagac tggatggctc agaggaattg gtgagggcca 139958613  
attgttaagg cactggcctg aaatgaaatc aggggtcaat tagtggcttg 139958663  
atacaccgag cggccttggg cagcagccgc gtcctgtgca gcttcacgcc 139958713  
cggagaactg tgcagcaaac gtgtctagat ccagaaggca tgggaagggtg 139958763  
taggcaagct tgcagccccc tcggcccaca cactgtgaa ctcaactcgc 139958813  
atgtccttgg aggtgcgga agaagcagct aactggcatc cctgccccag 139958863  
ctctgaagcc taaaaggaca gaacattctg atccaggttc atgtttctcc 139958913  
gcagagtgag gctggagcca gggggagaag ggataaagaa agaaccattt 139958963  
tcaaccctca acattgctac taagggccac cttttgagag tgttcacaca 139959013  
cacacacaca cacacacaca cacacgcatc cctagcctgg ctgtggaatc 139959063  
aggctaaaaa ttttaaaact gttgcatcga atgacttact aagaggtgag 139959113  
aggttattaa agatccaatt actgggattg cctagagctt ttccttttat 139959163  
aaactctagt gctatttgtt tcaaacaatg agttgatctg agaaaaatct 139959213  
cccaaccaca aatccaggac agccatgtca agacagagct atacggttac 139959263  
taagaaaact tgctttaaaa ccatctaaag tctgtataca ttccatcaag 139959313  
cagatgtgtg tttgcgcagt gaaaatgcgg cacagatgtt aaaaggtaaa 139959363  
tatttttcta agctctagcc gatgggtgga ttagacacct acatctatca 139959413  
gggtgcgtat tttccttggg taggaccata aaccagcacc gtttcagtcc 139959463  
tcaatgggca gtgttcagat agcctccctg atgcatgtg aataaaaagaa 139959513  
accatctat actaatgttc ttctccagtg cacgggccct ggagagtggc 139959563

ctttcctctg gcctctgtag ctggaggtta agacagattt ctgcaagatt 139959613  
ctgacagccc ttttagcagtc tgtctgggct gggataagag gaaaggatgc 139959663  
tggctgcagt tttgcccattg gaaaaatacc cgggtgtagag gtggctgtgc 139959713  
cctccctccc atcattactc ctacactacc tcagcaaagc catagccaag 139959763  
cctcagggac cacaatgata tcacaccctg aggaccttca gagggactga 139959813  
ctgagaggtc tgggggtgct ctggggtcct gtgctggtgt cccagagctg 139959863  
agggagcaag ggatgctcac ttcccctgcg tgccatcttg cctgaccctg 139959913  
ccccagctct gctccatggg agcagggcca gcagtgggac cacaccagcg 139959963  
cccattgacc gagcagcagg aaggaagctg gggaaagcca gcccttgagg 139960013  
atgctgtttg aaaatcagaa cgagcagggc caggggtggaa tgaagccacc 139960063  
aactaccccc gaccctcacc attttctcag ctattacaac ccagcaggct 139960113  
gttgggaagc tgaggccttg cttccttaga ctcaaggtct gtggcaccca 139960163  
tagtcttaac cttgagcact gctaggatcc cagtaggcac cttccaaagt 139960213  
cacaaggctg ggggtgcagta gagctgcaaa ggtgtcagca gccaaagactc 139960263  
ccgctctaaa gagcattcac ttgtcatcaa actcagcata cccatcctcc 139960313  
aaatgcacgc actgcattac atttttatct gttgagtcat ggactgcaga 139960363  
tttaacatgt gctcagcata aaactaggca cgggtgtcagg ggttgaggggt 139960413  
ggggtcctgc cctggagttg cttataatct tatggaggag gaaaagcaac 139960463  
cacacatgaa atgacaacaa tcttaaaaga tggaatcatc aggaggctga 139960513  
ggcgggcgga tcacctgaag tcaggagtcc gagaccagcc tgaccaacat 139960563  
ggtgaaaccc cgcctctact aaagatacaa aaattagccg ggtgtggtgg 139960613  
cacatgccta tagtcccagc tactcaggag gctgaggcag gaagatcact 139960663  
tgaacctggg aggtggaggt tgcagtgagc caagatcaca ccattgtact 139960713  
ccagcctggg tgacagagca aaaaaaaaaa aaaaagatga aatcagacgc 139960763  
tcatgtgtgt ggcatagatt attaatgcaa tcgaaattca gaagccagtg 139960813  
aactgagaaa atgctgcagc tagcagagta ctttgcatga aattctaata 139960863  
tttttctgtt ggtgattctg atactctcct tttgccattt tagtcccata 139960913  
aacttcagaa aatggaaatg tcttggttgt ccttcatgac attaaagagc 139960963

atttcaaaga agggatgttc taggaataag ctttgттаac acagaggcga 139961013  
tatagaaaca ctcctattgt tacaattagt aatagtgaaa atataaagaa 139961063  
tatgcaaатg actgataaag aaggtagggg gaaatggaaa aaaagctctg 139961113  
actacttaaа cgggggсagg ggattactga gaaatagagg gaaccgatgt 139961163  
gaagatctga tatgaaggct aggggatgaa gaaggcaaag cctggagact 139961213  
ttgaagacag gcgccgсcaa actagtcccc tcgccttgcc ctсacttctg 139961263  
ttaacttсct actgtgtgag aaaaactggт ggctgсccat ctaagcсcta 139961313  
agctgcacag aagtгagcag tacagcacat gcttggtttt aaatctatct 139961363  
atgtgatgtt gccattgttt tattgttgga aaaccaacca ccaaccaaca 139961413  
gtacaaaaat gtataaagta aaaaataaaa gccccctcc tggttttccc 139961463  
acctcctcca gctcattatg aactgttggg tggggacatt gctaaaatcg 139961513  
tctatgtgta gacagatata ggtgatgata tatttagtac atttgctgtt 139961563  
tttgсagaaa cgagagccac agtgсatact gttccatgac cggctttgtt 139961613  
tttacttaac aaagtggctc aatgactttc acatcagccc agatagaatg 139961663  
gcctctgcct tgctcagggc agcagcccag gctgctcttc actgccccag 139961713  
aacctgcctg accagtгcta tactaaggga cattcaggтg gcttccaggт 139961763  
tctcaccгtc ccagataacc cagcaatgag gaagcttgtt gctactgagc 139961813  
tcttcaaaag ctatgсccat gtatcttсct cctttgttct ccaggaagcc 139961863  
tcactcttca tgactgtaag gtcaaaatgt gcatttttct ccttttgttc 139961913  
cttagAGGCG GAGAGACTTC CTCCAAATGG TCCTGGATGC CCGACATTCT 139961963  
GCAAGTCCCA TGGGCGTGCA AGACTTTGAC ATCGTCAGAG ACGTTTTCTC 139962013  
CTCTACTGGG TGCAAGCCGA ACCCTTCCCG GCAACACCAG CCCAGCCCTA 139962063  
TGGCCAGGCC TTTGACTGTG GATGAGATTG TGGGCCAGGC CTTCATCTTC 139962113  
CTCATCGCTG GCTATGAAAT CATCACCAAC ACACTTTCTT TTGCCACCTA 139962163  
CCTACTGGCC ACCAACCCTG ACTGCCAAGA GAAGCTTCTG AGAGAGGTAG 139962213  
ACGTTTTTAA GGAGAAACAC gtgagtacaa gttggatcca gttacccatg 139962263  
ggatatccat aggacaattg attttgtgtt tgtgggagtг aaacttattt 139962313  
ttaatgactt gctaatatca cattctaagc ttataagatg aaatagggtc 139962363

attgcttggc ttctcctgct ctccgggtta gcaagcgaaa tgaaatgttg 139962413  
agaacaataa ccacaacaaa aagacaaatt gtgtgtgcac cttcactgtc 139962463  
tggggtagtc catgaagcca ggcctggctc gaggaagctg tggaagccca 139962513  
ggaagggtgc aggcccaaag ggcagggatg ggaaggagt catggcttcc 139962563  
caatatctga cttggagctg ccacacggag ggaggcaggt gtgagccaga 139962613  
aaggagagcc aagatagaag gcaggagtgg acaaaaggac aggccaagct 139962663  
gaagctggac tgaagactgg aagctgagga ggaggctcac aaatggaata 139962713  
agggaagatg gggcccgtca gcgcccaggc cagcttcagg gcattttctt 139962763  
ctagatgagg cccctcttga tcgtttatag cagatataac gaggggtgctg 139962813  
agcaaggcta ctttatcacc tcattttttc ttctagatgc ttgtgtgtgt 139962863  
ataactttga ctcatgagtt gtcaaagaga ttcattttta aaatctgtac 139962913  
tttaaaagga agaccaccac agtggaatcc tttctgttac attctgatat 139962963  
gattgctatt acattcacca ttttgaaagg tggctctgtc tgttactgga 139963013  
accattaanaa aatgtttcat acaatgaact gaaaaccact tcccgggaaa 139963063  
ttctacttct ttattctact ggggaagtaa aggcaaagtc aatgtctctt 139963113  
cttcacagca gtttttaaat atttgaanaa tgcattcact gtgttactaa 139963163  
ttaattgtct taacttttagg ctcaacatga gtttatggtc aacttcaagt 139963213  
tctaagtagt tatgacaact gccaaagctgg gcctttccaa accctgctta 139963263  
cacaattgat ttattgagcc tagacggaag agtttatatt tacccttatt 139963313  
actgttcaag tcagtcaaaa taattttgaa tcttgattct gccatctgtt 139963363  
atattagcaa ttcctccagc ctctgtgcat ctgagactta ttaagcatgt 139963413  
ctcctatttc atccaagtca ttgattaanaa tgttgaacag gacaggactt 139963463  
ccctccagat tgacattgat ccattaatca atattctttg ggcattggaat 139963513  
ctcaacaagc catgaatcca aataaccctg ccaccatct tattctgttt 139963563  
tatatgtagt ggtttgtagt tttgttctta aattgaggaa agggtagagg 139963613  
gagggaccaa cggtgactgg ggtgcattag tgcaaaaagaa gtaaaaaggag 139963663  
ctggaagcga ggcaatctat taggatacat ttagttgcag ataacagaac 139963713  
cccaacccaa ctgatttaag caaaaacaaa acaaaaagta aaaacaaaca 139963763

aaaagactca taaatgtgta tttctgagta catttaattg agcagctcag 139963813  
gaatagatgt ggctccaggc aaatctttgt ctaggctctca aactggtgca 139963863  
caggctccgtt tctctctcgc cagttcttgg ctgtgctctc ttatattggc 139963913  
cccacctcc atcatgctct cctctcaaag cccaagaag cctgtcaaga 139963963  
gtgtctggga ctccatactt ccttgcttgt aaccaatgga gaagagaggg 139964013  
tctgtggcct aaaattcca gaaagagtca tgagggtcac tctgacggga 139964063  
atgcttaggt cgctgccat tcttttttat ttttttttg agatgaagtt 139964113  
tactcttgt tgccgaggct ggagtgaat ggacacaatcc tggctcactg 139964163  
caaccacac ctcccagggt caagcaattc tcctgcctca gcctcccag 139964213  
ttgctggcat tacagacatt caccaccaca actggctaata tttgtatattt 139964263  
tagtagatac ggggtttcac cacgttggtc aggctggctc cgaactcca 139964313  
acctcagggt atccgcctgc ctccgctcc caaagtgctg ggattacagg 139964363  
cgtaagccac cacgattggc ctgctgcca ttcttgaacc aactcttga 139964413  
gcaagggaa tggggtcct gataggctta caccaatcag actctagccc 139964463  
tcagtcaatc atgctcaagt cacatgactg agaacttggg aagggtgactt 139964513  
ctcaagggaa gcttagcatg ctgtcccagg aaggcattag agggaagccc 139964563  
agcgctctgg tctcagtaa ccagaaatca caccaaatta agggcttga 139964613  
agcatcctaat gagtgcctcag cagtttagta gacacagcag aggctaggag 139964663  
agggggcaga agctctaaga gatagaagtc aggtcctcat cttgcggga 139964713  
ttccatcgc aattgagaag caatgttatg tctatgaaac aatattttcc 139964763  
ttccaaacac aggcctgcag ggcagtagaa ggcagaagat aatcaggtct 139964813  
agaatgtgtg atgtcattta gagagccatg gggcgatagg agtctgtccc 139964863  
accagctata accatagtca catccagtta tgtcagtctg ccaggaggac 139964913  
acagcaagtg ctcatgttag gccaggcaca gtggctcatg ccagtggctc 139964963  
atcccagcac tttgggaggc cgagggtgggt ggatcacctg aggtcaggag 139965013  
ttcaagacca gcctgaccaa cacagtaaaa ctccatctct actaaaacta 139965063  
caaaattagc tgggtgtggt ggcacatgcc tgtaatcca gctactcggg 139965113  
aggctgaggc aggagaatca cttgaagcag ggaggcggag gttgcagtga 139965163

gcaaagattg tgccattgcc ctccagcctg ggcaataaga aagaaactcc 139965213  
gtctcaaaaa aaaaaaggac cacatgttat tatggggctg tacagactgt 139965263  
tgcaaagcac tgagaccctt tggtaaataaacacattac agcagggtcaa 139965313  
atTTTTgagt ttagtgtgca taaaagtata taggaagact gcttagaatg 139965363  
cactttccag ggtcctgacc tcaggggttc cgattccata agtctgggct 139965413  
gggaccagg aaccgcatt ttattttatt ttattttttg agatggagtc 139965463  
tcgctctgtc atccaggctg gagtgcagtg gcacaatctt ggctcacagc 139965513  
aaactccgcc gcctaaggaa cccacgtttt aaataaatgt ttccagtgat 139965563  
tctgatgcag gtggtcctt gttccacttt gagaagacag ccttagactc 139965613  
tcaagggctc ggatccctt tccaagaaaa aaaatcaggg tccaaagccc 139965663  
tcctaagcca tgcaagccac aagggtgatt tcttccccta tgtgatagct 139965713  
ggttgtgggg gggagtctct gaaaaatggg aatatctaca gctgtctttt 139965763  
taaaaacata catttggtag tcacaataat gttgctttgc atagccttgc 139965813  
acatggcacc cactcaatga atattggtag gttttctttt tttcttttct 139965863  
ttctttcctt cttttatttt tttaattttt ttttttttta ctataatcag 139965913  
agctctgtta atatgggcca tctgtcagga catggaaatg cagattagat 139965963  
gttcacacat tagatatttt cctgaaaata ttctgaaaaa tttgcatgta 139966013  
aagtatgact tgttataatt ttctgtctgg tttccattca acaaatattt 139966063  
cttgagtgcc agttaatgcc agactccggg gctccagccc tacgcacgag 139966113  
gggtttctgg tctagctctt ctgtgacatc cctgtagagc atccccatgc 139966163  
ctcattagat ggcttccct tgtatttgtc aatgagattg cttaatttga 139966213  
gctctagagt ttcttttccc tgagcaattt ctttcatagc aatgcacat 139966263  
gggaatctga tgagagctac atctcttctt ccaagaaaga gcagatatgt 139966313  
gcatggcatc agttcagact cttctgtgga cagtgataaa aaaaactcag 139966363  
cccagattgt ctcagggagt ttactgacct ctataactga aaactccaga 139966413  
gggagagct gccttcagg atggcttgat tcaggggctc aagccctgtc 139966463  
caagttgttc tctctccca tttctcagct ccggtttctc tgggcacact 139966513  
cccttctcag gcacatctt cctaggggtc tcaagccagc tgtgtaacca 139966563

gtgttttgaa cagtctcaac tcagtgaggt accaacttga aaccatttgg 139966613  
tgttttttgt ttcatttttt tcccttaaat gtgctctgat gaatctcctt 139966663  
tccctgtccg tgatgatact ttggacagat ctcaatgatt tctggtcatt 139966713  
ttggggggca ttaaaaagtc caggccagtc tggcccagat gaaaacttca 139966763  
ggctcaaadc caatcagtc ccttctgttc tcttagctca ggctgacctg 139966813  
tggcctgagg atgccgccct gcgggaggag aggtctgttt tttcccctcc 139966863  
ttctaccctt cccccacctt tgctgggccc ctttctcctc caggagtggg 139966913  
gcctgtgaac ggatcccca atcctgccta cctggagctg ccctcagtc 139966963  
cttccctgcy gggcttctga cgtgggtag atgcaagacy tattcggagg 139967013  
gctcccaggt ctgaagtcct cactgcataa ttccctgccca gggagacagg 139967063  
ctccagctcc tgccaccagc tcctgccccca aggctgcttg atggggaatc 139967113  
ttgagcagga taccagctag atggctccag cttccatgcc tttcccagtg 139967163  
tccgcccagc ctatgggaaa cacacaactg ggccacacct acagtggcca 139967213  
ccttctgccc tctccttctt ccctccacct tgtcatgtct ctccaagtac 139967263  
ttttcctttg ctcaaatagg cagagagggc acatcagcaa ttctgctgca 139967313  
tgagcagatg gccaaggaga atggcccacc tctatgagtg gctctgctga 139967363  
agaccctctt ccttggcttg ggagtaggga ggaccctctt ccctaggcca 139967413  
atgactcctt gctctaagtt ttctttaaat ccctctaattg tctttatagg 139967463  
ctgaggatgg gggtaggaga gtagtagttc aagttcaacy ggaagaagca 139967513  
agagtctctt tcctgcaagt ctgagcaaaa gcctcctggc atcccagtg 139967563  
cttcgagagg gtcatgcacc tgccccctca accaatcttt ggaccccaga 139967613  
ggaatatgat cccctgattg gcttagactt gggtcatgtg ccccatcctt 139967663  
ggagttggtg tctaggtgag gccttacctt aaccactgag ctctcgagcy 139967713  
gaggagaggt tgatcccca atcactctta ttaaaagtgg ggtaaagtgc 139967763  
ttctgggtag ccaggaaaca gtgtgtttgc ccaccctgt acatagaatc 139967813  
tgtggcccc agattagaag ttcccacctc tcaatttctt gttatgtgat 139967863  
catgttcacc ttccctctga acttttaaaa tccagcttgc caaattagaa 139967913  
ggtataagtc cggcagtgcc tggaacagcc tgctcttgc tgtttcttgc 139967963

aatcatccc aagttccctg tgatttctgc aggaccagtc ggtccagctc 139968013  
agcagttttg ccttattgca tccttcacca tttgagaagt gaaaatgtca 139968063  
ggcatgaaag tcaataattc agattctcta ctgtagcag ttctaaaccc 139968113  
ctggcgcata taaagatact caaaggcttc cctcactatc ggggatctgc 139968163  
ctccgcacat cctgtctggc aacatcccat ctctcatccc atacagcctt 139968213  
gactgcattc tcctttcagg gtatagattt tggttccagc ttctaaaaca 139968263  
gttacaatcc acttttttgt ttgtttttgt tttgttttgt tttgtttttg 139968313  
agacagagtc ttgctctgtc gcccaggctg gtgtgcagtg gtgcaatctt 139968363  
ggctcattgc aacctccact tcccaggctc aagtgattct cctgcctcag 139968413  
cctcccaagt agctggaatt acagggtgtg gccaccatgc ctggctaatt 139968463  
tttgtatttt tagtagacat gggatttttc catgttggtc agtctggctc 139968513  
tgaactcctg gcctcaagtg atccgcctgc ctcagcctcc caaagtgctg 139968563  
gaattacagg cgtgagccac cgcgcccggc ttcaatccac tttttaattc 139968613  
atgccccag actgattctt tctgggccac atgtgttttc ttccaaatcg 139968663  
tcttgtttgg gaattttatc tggcctctcc tcctcttgtc ccaccatcaa 139968713  
aattcagtgt aaaatcttct ttctcaagtc ccccaatctc ttggagaagt 139968763  
ctctcttttc ccatgttgcc ttggctctatg gaaaaggagg tagtacgttc 139968813  
agtaaattca atagtggatg ggtgggaaaa ggtttgtacc atttgtacca 139968863  
ctcgtaaagc tgaaaaaac acaccatcta ttaaatgaga cttttgttat 139968913  
atggctgctt cattgtgttc tcatgtaatt ttgaaaagga tgagaaagga 139968963  
aaaaaaccaa cttcttttca tataaattgt gtcttctata gctttagtgt 139969013  
tctatgttga aattattgac ttttgatctg gctaaacat tctcttttct 139969063  
tctcttttgg gctggactct gccagccaaa atttatgacc cattttcctt 139969113  
ctgcttaatt gttgttataa atctgctgtg cagaaccag ttgtaaattt 139969163  
atcacagact ggattggatt gatatacagc ctctctttag gataatttga 139969213  
acacagttat gccttagaag gaaggccaaa ttcttaaac ttctctttaa 139969263  
gagctgcttt gtaaccatta taaatatcta attaaaatac aacttactct 139969313  
ttctttttct cttaaggata aaagaacatt ctgtgctggt tatttcagct 139969363

tattagctca tgctgctgtg tgagcaaggt tgaggatttg ttccttgaag 139969413  
cagtcagagg atctccaaga aaaaaaagca tattatgtgc ttacaaaaaa 139969463  
aaaaaaaaaa aaaaaaaaaag ccgttttacc cccaactagc tttttcatga 139969513  
atacacatcc tttgtcacag ggaaaggggt gagcaggaaa aaaagtgaat 139969563  
agcttaacac aaatctatcc tcactatgga aaaaaaaaaat gtcttcccat 139969613  
gtggatctca ccagggagg agggcatggt tggctttgag atcaagtaga 139969663  
aaactggaaa tgggtttttc cccatgggga aggtttcctc ccctttgccc 139969713  
aggctctgctg gggtcgggct acccacagtt ggtgaggagt aagttcagga 139969763  
gttccccatc aattcagtc cccagccaca caggggtcag aggtgctgct 139969813  
gagtctctgc cttctgacag accccacaac agcacaacag gacaacagag 139969863  
caciaagcca cagggacaag ggaagaggca aacagagaa cgccttacag 139969913  
ccctaagtgt gaatctaaaa caaagaacag cgtcactgca gcgtgagaaa 139969963  
agtggcaacg ggctgtggca ccggcccttg gttagggcat cacaaagttt 139970013  
aacgtgcacg ggaatcacct gggagtcact aaatctgcag attttgattc 139970063  
agcaggctctg ggacgagcct gagggctctgc atttcttttt tgtgattatt 139970113  
attttgtatt tatgagacgg agtctcactg tccccgaggc tggagtgcag 139970163  
tggcacgatc ttggctcact gcagcctcca tctcccagga ttaagtgatt 139970213  
ctcctgcctc agcctctcga gtagctggga ttacaggctc acgccacat 139970263  
gccagctaa tttttgtatt tttagtagag acagggtttc accatgttgg 139970313  
acaggctagt ctcgaactcc tgacctcagg tgatctgccc gcctcggcct 139970363  
cccaaagtgc tgggattaca ggcgtgagcc accgtgcccg gccaaaggtc 139970413  
tgcatttcta accagctccc aggtgatgct gatacagcca gtccatggcc 139970463  
cacactatgt acaaggagcc aggttctgaa ccatacgtac tgtgtctctc 139970513  
tcacgtgtgc tggacatggc aagtatgtat tcctcatgac atttaatgtg 139970563  
ctcatgttct tcagtggttt accttttgct aataaatctc agtggtttcc 139970613  
tgattattcc ataactatga tggcattcac tttattgagt gggagatgaa 139970663  
gtgatgcagg aatgagccaa tcctaataca tgttagaagt gtattaatcc 139970713  
taaataaagc ctaaaatcat ctattttctt cagtaattgt ttccatggtg 139970763

ggaggtagg gggagctttt gaggtgattt aaagtcattt tcaaagcaga 139970813  
tgaagacggc aacctgagct ttctgtcagg acatgtgtgt agactggaga 139970863  
cctatcacat ccaacgggac cctcaggcca atccttttaa gcagggggct 139970913  
ccaccagcc ccttagcttc cctactcccc taagcccctt ggtttagac 139970963  
agtagcttcg ggtgccagggt gggaggccat gccaaacaac tatagccaaa 139971013  
gagcatgtct ctgatgcat ttctttggtg gcctaggaca gaatctgagc 139971063  
tatttccact agaggaatag gagcttcagc agggggcctt ggaaatgtat 139971113  
ccaaggtacc cacctcctgt ccttctttct ggaagcatct ggccctggga 139971163  
agtagcatcc cgaccactaa tatcagggca ctaatatcag gcaaagggag 139971213  
gaaaagttgc atcctgacca ctaatatcag aaaggcccct cctcccagcc 139971263  
cgtgaagagg ggccctctctg ggtgtgtacc tggaaacccta tcttggaaagt 139971313  
taagttttgt ggtcactgct accaacacac caactcccag gacacaggat 139971363  
actagggact tctgtgcccc atcagtggac aagtcacaag ttcccaaagc 139971413  
agggtgacca atcgatctgg atcaggtggc agggcctcgg atcttaactg 139971463  
tccatttcat tgttatgcac acaaacttat cttagagatc cggccatctg 139971513  
cctgttcccc tcctggggat acctgcggga aggcaggctg tgcctcccag 139971563  
aggatcatctg ggctgcaaact gggtgccaag accttcctct gccctactc 139971613  
aggactccag actcctccac atcccctgga gatactcaaa gcccatgccc 139971663  
acagtaacc gtagggaaac tgaccgctc tgcctgggag ctgctcccag 139971713  
gagcctcagc agtggcaacc aggagcttag agaccgctgt gcctctccct 139971763  
gccaccctc tcctctcat cctgccccat ttctctgttg tctttcctct 139971813  
ttcctctctt cattgttcac agcactattt aatctccttc ccctctttct 139971863  
tcccttattc ttgttctgac tctattccca ggtccagaga ggcccagaat 139971913  
cttctctgct cctgctccac ctctgacct actgccccct gggagcccct 139971963  
ggtcatccca gaagcctgta agtgacaca gcagccaaga cccacatgcc 139972013  
tgcaatgggg gtggcacagg ggaggcagg tgaagagcag gacagacttg 139972063  
caggtgtttt tttctgggct gcctggcttc atcaactgca aactccagc 139972113  
actttgaatt tttagcaatt aatgccccaa gtccccctcc ccctgagtcc 139972163

ctgcagagca gagggagggg cacctgcaaa gagaagtctc tcccaggaat 139972213  
gggtcacacc aatcagcatg tatgtggtgt ctttcatgta gcaaatcaga 139972263  
gtctttcata ttcaatagct gggcctctag agggaccaag ctttgctaag 139972313  
caaataagct tgtgggggtg gttcacatcc atccagaaaa gcaagaatga 139972363  
aaaataaaact tgggaaagtc agctccacag gtgaagctca accttctgtg 139972413  
catctgcttg gcatggagct acatttgcaa ctgaatggct catttattta 139972463  
actattgcac acattatggg ctcttaaaac atcaaaaaga tgggttttat 139972513  
tcccaacaat tagctcttga aataaaagaa taaacatact ttttttttaa 139972563  
cttccccaga ctctgttgac caaagtcgct ttcacaccag tggagtggaa 139972613  
gctccaaaat ggtatcatct ggtgggaatt taaagacttc ttgtcccaa 139972663  
aaaacctttt cgtcactagg cttaaaatth tccattggga ggccctggct 139972713  
ttgttttgac acatgatccg ttattaacac accactcatt ttgggagggg 139972763  
aatatcatca agtcccagcc aggatgtaaa cccacgact aggaagcctc 139972813  
gtccgctggg taccttggtg ggtcccaggg ccgagcacag tgcctggcac 139972863  
gtgagaaata ggtgttgaga aaagttatth cactcttctt tttctaactg 139972913  
gaaaccaact ccaagcacag atttgagggg ggacgagcag ggaggcacag 139972963  
tagataaagc ctgtgagtta ctgcgccag cgagaaaggg gtcggtggag 139973013  
tcaaagagag aaggcactgc gtggggagat ggaggcaggt tgaaggcaac 139973063  
acttgagtc cctatagtcc tacaattgca gtgcaattgc ccagaagata 139973113  
tcatgctaag aaaaggaggg agcctcagcc ctccggcctcc gaggagacct 139973163  
ctggggacat ctagggcagc ttcccatcca ggacagatat ctgaaagatc 139973213  
atgaggctgg gcttgaatcc tgctgacaac aagaaactta ctacctatgt 139973263  
cccctaccgc tgctatggtc cgcctcctct gtcagctcat ggtatttgag 139973313  
cacctactaa atcagcaaat taatagcttc tgcctggggg ctgcttccac 139973363  
actccactaa tagccaatcg ctgggcatct cagagccgag agaggaagga 139973413  
aaattggaat atgagtctag aataaggggc ctttcaaaa tgtgtgctta 139973463  
tggcccagac actcctttaa ccctaggttt tccagaaagt ctgttttgcc 139973513  
ccaggactgt ggacagcatt atggtttgtt tgggtgagctt tctttttttt 139973563

tttttttag gttgtat tttt ataactgaat atggcatgtg tgaaaaatc 139973613  
agctaccaga ctctgttagt ccaggcgtat gaatattcca gatcacaagg 139973663  
gaggtgtgac tcccctgtga attgcaatgc ggaaggttta taaagttaat 139973713  
catttagaaa tctgtcttta aaattttaat atttagattg ggctcgctagg 139973763  
acacaaaagg caattcctgt ttctcactca ctttaattga ttttttttc 139973813  
ttttggctgc acaagttgtt tttcaaagcc tcattcctcg aatgttcct 139973863  
ataggaggaa tgtaattaa ctccactggc ctccccctgc tgggaccaa 139973913  
caggggccag agctgtaggg agcataaaac agatatcctg caaaagaatc 139973963  
cttattataa agatgagaag agaatcaact tccctctggt tatgaacaag 139974013  
aagctttaga aagccacca ggctat tttt gcaatgggct tagtctcaa 139974063  
gacattttaa ttagtaattt aagactggaa ggaaggggat aaactcctca 139974113  
cctccctggc tataggcaag aacttcaact ggatgagtaa ctggttcaag 139974163  
tggctgaaaa ggaggagggt ccagaggag ggtggttcct taaaatgaac 139974213  
caactttttc atgaaaatgg catagctaga tatcccggcc cccagtcagt 139974263  
cactgttttt gcagtcccac ttcttaaggc agttctcacc cctcaccaga 139974313  
ggcaggcact gcctctctct gggacactcg gctggcacca gagcaaagaa 139974363  
gcttgtgctg agggatgggt cccctcacac cgggccaacc tggacttctc 139974413  
tctgaccaa gagcatatgc ctcccacaa gcgagaagggt ggaaagatcc 139974463  
tggcaggaa ccccgagacc tgggtgctag catcatcccc gccatgagag 139974513  
cacacggggc ccctgagctg acacctgctg gcaatgtgac gtggatcact 139974563  
cacataatcc cttccttagt ttttctgtct gtaaaatggg gatagtaaca 139974613  
ttgtgtagct cataagggtg tcaccaagat taaacgagtt aagaatacac 139974663  
gtgcaatggt tgaacagcgc cagcattacg tacatatagc tactctcatt 139974713  
cgcctttctg tgactcagtt tccttatctg taaaagaaaa aggttggact 139974763  
agacctcttc tccactgtta ttgatgatga tgatgataaa tgaatgtttc 139974813  
tgtgccagat cctaaactaa acaaaagtta acttgatact cacaatggct 139974863  
gtatgaagtg ggagttatca ccatcccat ttcacagtg gggaaagaaa 139974913  
ggctggatta gtcagggatc tccagaggaa ccgaactaat aggacagaga 139974963

cagaaagaca ttcatthttca ggaattggct catgtaattt atggagtttg 139975013  
gcaagtgtga agtctgcagg gcaggctggc agtttgagca accaggcagg 139975063  
agtcaatgca acagtctaga cacagaattc tttcttcgcc agaaaacctc 139975113  
agtttttgct cttacggcct tcaaccgatt ggatgaggca cgcccatatt 139975163  
attgaggata atctcctcaa agtcagctga ttttaagtgt taacctatc 139975213  
taccgaagac cttcccagca accctgggat tcatgtttga ttaaataact 139975263  
gcacacaata gcctagcaaa gttgacacaa aagactaacc aagctaaata 139975313  
acttgagaac ataagataat accctaggac agggcctagg tcggattggc 139975363  
actcacgttt cccgactcct tagtctgtat tcttttcaac cttgtctcta 139975413  
atattccatg attccatggt tctgatgcc a ttcctcagcg ctctgctgtt 139975463  
cttgccctgac caagtggatc aatggaggct ctggcatttc tataaagggg 139975513  
atthcagggc tgcctgctgg ggagggaggc ttgaagctgt gtctgcactg 139975563  
catcttcaca gcactgagaa aatgccagtc attcaggagg acagggcagc 139975613  
cctgtcctcg ccacagtgcc cgcattctca ttggttcacc tttgcaggta 139975663  
tcatctgtga cctgtcatcc aggctctgag ccctgaggat aataagtttc 139975713  
cctcgaaggt cctgggtttg ttggagcttt ttctccctct tgccatgtcc 139975763  
ttttcacggc ccatcctctg agtttgtaa ttatctttct tcgtggccca 139975813  
tgtggcacia gatgaagagt gcatgggagc cttctcccct gacatcccta 139975863  
cctccctgac gcttaacca cataggaag aacattcctg aaacagagac 139975913  
gtcaccagc gttgctttct gccacagcag gcactctgct tcgtgccttt 139975963  
ctcacttcca tttgtaaag atcttgtctc cttccttgta gaaagctttt 139976013  
cagccattcc aggttttctc tttgggttcc atccctctgg gattttccac 139976063  
gaattgcatt tccttgtagt tcattttcat cattttcctt gttagggaaa 139976113  
tgcacctgag acattggcat gcagcctgat tgccccggc ctcccctctg 139976163  
ctcattgcc a gagctacctc tgcacagagg agtcactctc ctcccactcc 139976213  
agggcctctg tcaggggcca ggcttgatgc tgtcaccagc cagctctca 139976263  
ctgctgccc a gtgcatatt catatccatt gagacaagtc cctgggaaat 139976313  
ggttgggagc cgggggacag ccctgcatcc tgagatccta agatcagga 139976363

ggttctccct gcactcccag ctggaaggag actggatcgg ccaccctcac 139976413  
caaattccca gattctctga ctgaagcaag ccagtccttg gtttgaatgg 139976463  
ggaatcaact cagggttata aaatagacgc cagccttctt gtaggtagaa 139976513  
tctgacttca gacagcaaaa gactctaaaa cagcttaaat tcctgtatat 139976563  
gccttctcct gtgcatgccca ccggtcagac caaaggccac acgccaatca 139976613  
aggccaaga tcagccaggg gtgtttccat gtcctcaaga acttttacia 139976663  
actgtagctg attgggttcc gccctggag attcgattta gtgggtctgg 139976713  
agtgaggcct gggcttctta gaagccccag cggattctaa aatgcagcca 139976763  
ggaggaagaa cgttgccaga atccccatgag gcacagatgc aaatgtgcat 139976813  
agtgacattg ggttgcatca tcaatggcag gactgacttt ataaacctcc 139976863  
acatccttac tggagctgct gtttgctttt tagaaaagtc cctcatcaga 139976913  
ttatcaggaa gtcgtgggtt ttccgtgatc atgctgtggt cagatccagc 139976963  
ccaaccagag agccaaaaac aaaacaaaca taaaaaaca acaaacaaac 139977013  
aaacaaaacc caaatccctg gcaagcccca cgaaatgact gctctgataa 139977063  
cattcagcag acaagcctgt ttgaaatcat ctcagaatca taccagaccc 139977113  
aaacccaaga ggtcatctgg tctatgcatc gactctagga ggggtgatta 139977163  
gtccgttttc acgctgctga taaagacaca cccgagactg ggcaatttac 139977213  
aaaagaaaga ggtttcatgg acttacagtt ccacatggct ggggaggcct 139977263  
gacaatcatg gtggaaggca aagaggagca agtcacatct tacgtggatg 139977313  
gcggcaggca aagagacagc ttttgagggg aaacttcctt ttttaaaacc 139977363  
atcagatctc gtgagactta ctactatca cgagaacagc acgggaaaga 139977413  
ctcgccccca tgattcaatt accgcccacc agtttcctcc cacaacacaa 139977463  
gggaattgtg ggagttaaaa ttcaagacga ggtttgggtg aggacacagc 139977513  
caaaccatat cagaggggtga ggggctatth ctccatgtta cagacaaggc 139977563  
acgtgaagcc tagggacgth ccatcacagg cccacacctt gtctcagaat 139977613  
taagaggaag tgcttctggc tgccaggggt ggggtgggggt aggatgcaga 139977663  
gcctctccct ccaccaccac ctccatcctt ttccctttct ctgaaaatct 139977713  
cattgatga ttccccagcc tggctgcaaa ttaaagattt gtagacctga 139977763

aagatgctac cgatggttat cagcaccacc accaccatcg taacagtaaa 139977813  
catttatgga gcgccataat tattcataat aatttttatg tgtaaaciaa 139977863  
atctgaccta gctctataaa gaaataggcc ctgttaacca aaaatattgg 139977913  
ataaattaa agtctcctag aagcatctga tgaaaggatc tcaagttcca 139977963  
taacacacgg accattcagt ggtggtgttt ctgggcttga ttcactgtgg 139978013  
gtcacttgaa cgatgctggg ggtattgtcc acctcccagt gctcagtctg 139978063  
tggcttgtgg ccagctgttc ctctgtgggg tctatgttgg ctgtgttaag 139978113  
gcctgctgca gaaacatctc atttctagca tgtttttctc aagcagtgat 139978163  
cctgtgggggt caagtcttca atatcaaata atattgataa taattatgat 139978213  
agaaataata agaggccagg caccgtggct cacatttga atcccagcac 139978263  
tttgggaggc agagtccagg tggatcattt gggcccagga gttcgagatc 139978313  
agcctggtca acatggtgaa acccagtctc tactaaaaat acaacaatta 139978363  
gccgggcatg gtggtgcaca cctgtaattc cagctactcg ggaggctgag 139978413  
gcaggagaat tgcttgaaac cagaaggcag aggttgagat tcgctgagat 139978463  
tgcaccactg cactccagcc tgggtgacag agtgagactc tgtctcaaaa 139978513  
aaaaaaagaa agaaaaaaga aataaagaag aataataaga attatcagtc 139978563  
attgaacacg cgctctgttc ttggtgctct tgggtgttatt ccaggcaatt 139978613  
ctaacaccaa ttagatattt tcccctattt taaagattaa agcaactggc 139978663  
gcagtggttc acacctgcaa tcccagcact ttgggaggcc aaggtgggag 139978713  
gatcacttga ggcagggagt tcaataccag cttgggcaat atagtgaaac 139978763  
ccctgcctct acaaaaaaaaa aaaaaaaaaa aaaaatcaaa aattagctga 139978813  
ggctggtggt gcgtgctcgt actcccagct actcaggagg ctgagggtggg 139978863  
aggattgcct gaggccagga gttggaggct gcagagagct atgatggtgc 139978913  
cactgcactc tagcatgggc gacaaaacia tagtcttgtc tcaaaaaaac 139978963  
taaaaaagac taaagtgaia ttgaaattca gagagtaagt gacttcaagg 139979013  
tagaggcaga aacagaggct ggatttgaat tcgatcctct ggctccagag 139979063  
ctcctgggag ttatcttggg aatgactgca aggtctgagg tagatcgttc 139979113  
caggagcagg tgcttatata cagtggaatg gcaccactg gcacaccact 139979163

aggaattctg ttttcttacc accaccggag ccaggtctct gtcacggtga 139979213  
tgagaagttc ccaaagtcac ttctcctctc taggggtgcc cctctctgtc 139979263  
tgctgccact aaatccctaa cgacattaga gcgaataaat ggcattttta 139979313  
acttcagctt taagcaacaa agaaatacta ttaagtcaag atgtgtccat 139979363  
ctttaccata aaaaaaaaaa aaaaacttgc ttcaataacc aataaacaga 139979413  
tcaaacaaca gaaaaataaa tagcaaaaaga cttcagggct cgatggctca 139979463  
cacctgtaac cccagcactt tgggaggcgg aggtgggtgg atcacctgag 139979513  
gtcaggagtt tgagaccagc ctgaccaata cggtgaaacc cgcctctact 139979563  
aaaaatacaa aaattagcca ggcttgggtg cgtgagcctg tagtcccagc 139979613  
tactcaggag gctgagatag gagaattgct tgaaccagc aagcagaggt 139979663  
tgcagtgagc caagattatg cactgcact cccattctg ggcaacagag 139979713  
caagattcca tctcaataat aataataata ataataataa taataataat 139979763  
aataaataaa tagcaaaaaga aagaaaaaac cctcagctaa gaagtatact 139979813  
gttgtgtttt ttgggtttt ttttatgtaa catttgacaa gtttacattt 139979863  
tccttgtctg ccttgggtgc cttaaaataa aactctgtca atatttccat 139979913  
gtaacattgg gttttgcttt ttttttctc cactgaaaat ccacatatca 139979963  
ggaattcctc tattttattc gtcgcctggg tttctttcct tgggaataat 139980013  
ttatatgtca aacctgtcat ttatcgattt attgctgtac ctagcagcat 139980063  
ttttctccct gccctcaaaa tttagcttaa agaccactta ataaggcctg 139980113  
tgcgggtcct cagactccag agatttctgc tgatatgagc cataatttag 139980163  
caaaacaaat cctgctcatt gcgggcatct aaatggtatc ctgttaaatt 139980213  
tccatacatg cttttctttt ctaaagttat ggcctacaac tagaagaagg 139980263  
gatgaaacat caccctacc tccacatctt atttcctgta tcaaatttctg 139980313  
aagcccttgg agatgcaagg cgggtttccc taatgagttg agaatcaatg 139980363  
cgaatcatct gaaatgagag gtggcccgtg ggtgtaatcc atccctgctg 139980413  
gtgctccaac ttggttacac atttcagaa accagcacct ccctgttgtc 139980463  
catgtctggt catcagaggc ctctctcctc aggtgggata accagagacc 139980513  
aagaaagaaa catgtttctc tcccttgaa tttctcttcc ttagtcattt 139980563

tcagaaagtt aggagtcggc aaccttaagg aggagtttcc tatcatctct 139980613  
cctccacttc ctccccctcgt ttctctccccg tcttctcctt ggagtccttc 139980663  
atcaatgtct ctatcttctg ttcaggataa acaaagagtc cctcttacct 139980713  
gcacaggcct cacctgcctt cccccctgt catttctgca gccagcctgt 139980763  
ctcctgagcc tggcctggca ttctccaaag actccttaag gccacttggc 139980813  
ttccggtctg cctctaggct tcaactgtctg caccagagtg gaaattgtca 139980863  
tgtgccctca gcaacatttt acccctccct tccagaacag acacaggcat 139980913  
ttcttccaca agcagtattc cacagatgaa aaaaaaaaaat tataaaagcg 139980963  
aaacccaaaa tactggtagt atatcttctt cccttcaaaa gaatgataat 139981013  
catcagtaaa aaccacaaca acaaaaaact aagcaaagca gcctgaagat 139981063  
aggctgaaag cacacatcta cggatggctt gttgttgttt tgtttttgtt 139981113  
attgttattt ttgagacaca gtcttgctct gtcacccagg ctggagtgc 139981163  
gtggcgcgat ctcggtcac tgcaaccccc acctcccggg ttcaagtgat 139981213  
tctcctgcct cagcctcctg agtagctggg attacaggct tgtaccacc 139981263  
atgccccatg cccggctaata ttttgtattt ttagtacaga ctgggtttca 139981313  
ccatgttggc caggctggtc ttgaactcct gacctcaggt gatccgcctg 139981363  
cgtcggcctc ccagagtgtc gggattacag gcatgagcca ccatgcccgg 139981413  
ccaggatggt ctgaatatta aactagctga ccggtggaca ttagctgtgc 139981463  
tgtggaaaag tgaagcagaa tggcttttta tcccttgtgt atgatcatca 139981513  
agacacagga cagcacagag attcaaaata caatgcattc cccttgctcg 139981563  
tctggtcaag ctcaccttcc tattgcacag ggttgattgg ttggaggccg 139981613  
ccaacctcta gctgaaaggc agagacagtc tcccctgtta tttcgggtacc 139981663  
aagctgtggt tcttaggcat taaaatggag ggaaagcaac cactggcccc 139981713  
tcaactggat tgttcttgag gattccagac agaccataag taattcattg 139981763  
agtcgctcac aaagggcctg gccctgaagg tttgtggctg cagcatccag 139981813  
gagagccaaa ggtgtcagtg ccacccaaat gcagagaaaa ctcttatcag 139981863  
aaagatgtca ttttttccc ctaaagtca tatatacaat ttttattgga 139981913  
gtgtgatgac agatagtga taaattaaca taaatttgc taatacaata 139981963

cagctgttaa tttatgatca tattaaaaca caaagttttg tagtttgaag 139982013  
cagttaaaag tcttaatctt ctgaaaattt ccctcttggt tggtatttgt 139982063  
ttatgagtta cttagggtta ttagataaaa tacaggcttc tggttaaatt 139982113  
tgaatctcag ataaactgta aataatTTTT tagtgtatct catgcaatat 139982163  
ttgggacata cttatactaa aaagttaatc ttattgtata tctgaaattc 139982213  
acatttaact gaatggttat attaataattt ttatttgata aatcaggcaa 139982263  
ctctgtattt cataagcagt ttaacctctc tctactggct cttctctggc 139982313  
agggcagagg ggtgctgttt tatggagaaa ggcaactact gctgggacct 139982363  
tgatatcttt agactgtggg ggaggctggc tctcctagga aactaacag 139982413  
agtcaaagag atcagacaag agaggtgcca gtgcaaaggg ggaaactgag 139982463  
gcaggcagca tgcctgggct ttcttgacag taccaggggt attatagccc 139982513  
tgttttccag attttttggg ctacaatctc atcataagaa atataattta 139982563  
taattcaacc cagaacacac atcccttata aatggaacaa aaagttttag 139982613  
gaaacatgtc accttctatg tacaatctgc tcgacatcct gttctagtgt 139982663  
atttcatttc tttaaatgcc actcttaacc ccctaaattg aattcatgga 139982713  
ttgaattcat ggtcccctaa aggatcacag cccacatggt gaaaaaact 139982763  
gggttagagg gtcacagttc aggaaaatga acgaggagggt tttttaaatt 139982813  
ctactttaca aacgaggaaa tgtatcgggt tccttaagag cttttccagg 139982863  
aaaatttttg ctcatTTgtg gccaaactcg aaataaaaact taggtcccc 139982913  
aactcccaac cctgctgttt ctggtttcct tccaccactc tttctagtat 139982963  
ccattttcct ggtctccaag ttgtaataca cattctggga tccacattta 139983013  
cttgttttat tttacataat tatattactt gtatactatt tccttatact 139983063  
tcatattctt ctcaaatttc catgtttttat atcatttctg atgcaaactg 139983113  
attacatcat tgcttatggc acattcttga ctgatatcaa cattttaaac 139983163  
caaattgtct tggtagcac cctctgatct ttggcatctt actgccctgc 139983213  
cccatcttca acctcggctc actatTTTgg tgcctcagga ggtctcaacc 139983263  
atgaaccttc catgtgctct cactgggatt ggtgcatct gtgacataag 139983313  
aaaaacatag aaacataaaa acataagaaa aactattatt tgttgtgatt 139983363

tgttctccct aatctatgaa gtcggtaggg tatctgttat aaagattccc 139983413  
ttctagagtc gagaaaacag aggctcagag aggttaagtg tttttctcag 139983463  
ggtcacacag caaatacaga actccagtct tcttgctgtg tctcttacct 139983513  
tctgtcatca ggatgcaggg gctgctgagc tgagatgcct gcagatgagt 139983563  
aaactggcgg gaagaaagac accaacccaa tagatctcca tgtattttat 139983613  
atattttctc acctactcag tctagatttt caaacaacat acagaacttt 139983663  
ctgggatctt gtcattcttc agtgtactgt cctctggatc ctctccagga 139983713  
gccgccact ccgcacacat tttttttct agttgtcata aacaaatttc 139983763  
aaagaaagcc attttcccag agcccttct tgtgactcta ccacagttca 139983813  
tcctggtttg cagaatccaa actcagggct tccttccaat atttttatta 139983863  
gttcagtagt cgatcagttt gcacagagaa gtggattgga gctccccttc 139983913  
ccttgaggct gccagtggag aaagtctcct ccaaccctca ggctcagcac 139983963  
cactcagggc cagtgagatg caciaacagc atcttgagc taccacaatg 139984013  
ccttcatcac ttgtatcttc cccgaccctg tgatgaagta ggatgaagat 139984063  
ggctgagggg atggacgttg ggcccacctc cctggcttaa agctgctgga 139984113  
ccccttacct ggccatgtgg ccctggggca tgacacagtt ccccctaagc 139984163  
ctcgttctt cactgtttaa aggggataat aatagcatct gctctgtag 139984213  
actgagggct ggtaagtgg aataacatac ttagcacata gcctggtacc 139984263  
cacttatttt ttttattttg ctactttggt tcaaactctc aaatcttct 139984313  
attattcctt ttttacagag ccatgtcaga aaccttagat tcacgtccct 139984363  
tccatgtgtc ccttccacat gtccctcctt gacctgccac aatgcctctg 139984413  
ctccaccagc agcctcagca cctgcgttct gccccctcag taaccagggg 139984463  
ccctcacctg cactcctgg gttgctctct ccttttgaac tagaaatttt 139984513  
tctaccctcc tgcccctcca gccaaaatta cctttttgat gtcccatttc 139984563  
cccaggacac tattttgtcc tagggatcaa aaataaaaaa ataagaaaga 139984613  
aagagagaga gagagagaga gagagagaga aagaaagaaa ggaaggggg 139984663  
aaagaaagaa gaaaagaaga agaaagaaag aagaaagaaa aagaaagagg 139984713  
aaggaaggaa aagaaagaaa gaaagaagaa aaagaaaaga aagaaagaaa 139984763

gcaggaaaga aagaaagaaa agaaagaaag aaaggggaagg gggaaagaaa 139984813  
gaaaagaaga agaaagaaaag aggaaggaag gaaggaaaag aaagaaagaa 139984863  
gaaagagaaa gaaagaaaag aaagaaagca gcaaagaaaag aaaggaaaaga 139984913  
aagaaagaag gaaagaaaaga aagaaagaaa agaaaagaaa gaaagaaaaga 139984963  
aaagatcaaa ttaccaggat ctgaggacct gggaggattt cagaaatcgc 139985013  
tggtcagtcc cagcaactaa ggctcaaatg ccctccccag gattctgctg 139985063  
gagatcattc tgccagtcac tccaggagcg aggggctcac ctcttcctaa 139985113  
ggcaggactt tccacgaggc tagaccagac cagtgtcctc caattaattc 139985163  
atctccctgt gtcttccatc catggtttca aactctggga ccccaaagca 139985213  
cagtggccct ttacaaagtt gaaggctatg tccctctggc ttctgcagct 139985263  
tttctgatg tggcaggggt tcagggtccc tgcccatcca cccccaccc 139985313  
ctctagcctg actgtctgtg tccctctaga gggtgacatg ccttgaatgg 139985363  
cagcgaacc tggtgtggg tgatgggtg gagtacagag cggtagccgc 139985413  
tgccctgtta tcagctgctt ccaaaggcca ggggtgctgt tagtgcatca 139985463  
ttaataacc attatcgggt tgtcatctct gaatttatct aaatttatct 139985513  
caattattgt aaccctgtag actgataagc cctataagta taaaatacac 139985563  
tggatgaaaa agctacttcc tattatttgt tctaaaaaat taactccttc 139985613  
aagtaatcta gagtttgggt accaatttct tattttaccc tcctcacatc 139985663  
ttcaaaactc agcactgggt atttcacgtc tgettgatggg attcatctgt 139985713  
ccccctccac tagactggaa gctccccata aggtgagacc cactatagca 139985763  
tcccccaatg tccagcacgg aactggagca tcacaggtgc cctgaggaat 139985813  
gaatgggtgg acggcgctta cagactcggg tgccacttcc tcttgtccag 139985863  
ctccatgccc tccccatag tgtgtggacc atcggggggcc tagaactgag 139985913  
gtcctggttg gtagcaccca ggagcctgtt cccaacatgg ccccatggca 139985963  
gggcctggtc tccagggtgtg gcatgaggtg ctacatgagc attctgtgag 139986013  
catcttcagg gagaaaacaa agtgttggcc aggcccaccg gaacagcggc 139986063  
ccacctaaac aggctggcgg gcggaggagt gccacagaat ggacatgggg 139986113  
aggccttaca aggtctgtag tagcagaggt agtgaatggt tgttgagttc 139986163

tctctatgcg ctagtgttat tctaagttag gtccatgggc cacgcttttt 139986213  
gctgactaca actctgtgga gtaggactag gattatcccc attttcctgg 139986263  
gtgagaagct gaggctgcca gagttaagtt gactagggcc acacagctga 139986313  
gaagtggtag agcataaatt gaaacttggg cagtctgact cccatatact 139986363  
ttaaaagaaa atatttccat agattattgg ggaacaggtg gtatttggtt 139986413  
acatgagtaa gttctttagg ggtgatttgt gagatttttg tgcacccatc 139986463  
acccaagcag tatataatga acccaattta tagtctttta tccctcacc 139986513  
ccttcccacc tctccccca agtttccaaa gtccattgta tcattcttat 139986563  
gcctttgcat cctcatagct cccgcttatg agtgagaaca taccatgttt 139986613  
ggttttccat tcctaagtta cttcacttag aataatcgtc tccagttcca 139986663  
cccacattgc tgcaaatgcc attaactcat tcctttttat ggctgagtag 139986713  
tattccatca tatatatata tatatacata catatatata tatgtgtgtg 139986763  
tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtata tatatatata 139986813  
tataccat agtttcttta tccactagtt gatgggcatt tgggctggtt 139986863  
ccacattttt gcaattgcga atttgtgtgc aagtttgctt ttaaccacta 139986913  
tgcgatcttg gctctcaagg tggaaatttg atgtggaaag cagagtcagg 139986963  
ccctggaaga atccccagg ctatctgtaa gagctagaat cggatgatg 139987013  
ttctagaagc aattggcctg ggcagtgcc tgagagctta gcagtgcagt 139987063  
catgagccag cactctgcct gggctctctgt cacagagttt ctctgcttg 139987113  
gctgcagcct ggagccacct tggggagctt gatgcctggg gctccccacg 139987163  
gattccagtg tcatcgccct gggcatttgg catttgggat attcacaagc 139987213  
tccttggtag ctccaggtg cagccgaggt tgagaacct tgggaataga 139987263  
aaagcaagag gaagctgttc tcacctgcc tttccacacc agagccccag 139987313  
gggtccgggg agactaaagc tggggtctat ttctattccc ccaaccaaga 139987363  
cgggagcttc acatccccac aactgagag gccagaatgg gtcagaccag 139987413  
agtgagtgtg ctctggctaa gactggccga cagctctgtt cccctggggt 139987463  
ggggactgga cgtggccctt tggtttaact gcattttact ctttccagcc 139987513  
tgtctggcca ttattcttgc aggagcacgc aggactaaag tccccttct 139987563

cagcaccacg catgtcccat ctcaccctgt gtcttccaac ttcacttgcc 139987613  
ataaatcagt tgtcaggacc cccgacccta aaacagtcac ctaatgataa 139987663  
atcatgttta attctaattg aaccctcccg ccaagactac tcatcagaga 139987713  
ggaagctaatt tcgcagggat atgaagagct ttctaaaatt agttccagac 139987763  
gttttttgtc ttaaactctgt attatggctg ccctatTTTT aatttacttt 139987813  
ttgaaaaacc acattgggac actaagtaat ctggggggccc aaaagacttt 139987863  
ggggggccacg ggaacctccc aggccctagg gggcagtagc accaccatgc 139987913  
agatcaccag ttccacaaaa gaacggaact ccaccagtac ctagtgttat 139987963  
tagtataagt tttgggaaag gtccttcttt tcttagctca ttagaaaaac 139988013  
aatcacagca tcctatggac tgggccaag tgggcagaca ttgcagtcca 139988063  
gcccaaagag gcctgtccca gcaggacgcc aggggacagg gtcagaaaga 139988113  
ggcagcccac aagctgagca cagctgcaga ggttttagct tgcttactac 139988163  
at ttgaaatta attgccaaac ttttaaactc aggggaattc cgcaaaaatc 139988213  
taggtaccag cttttcttga agacaacgga agctcaggcc accctgaggc 139988263  
catcacctct ggcagtcacc tgccaagcac gtggctccag cttagcccga 139988313  
gcgccctccac ctgccccgtc aaggcccaga tgcagtgggc cttacccatc 139988363  
acacttgcg cgttctgacc acagactcac agtcatggc ccacctggc 139988413  
ccatggacat ttgggtttgc atcatcatct aatgacacag tgaagctcct 139988463  
tggcctacca gctccctttg tgttcacctt gaccagcccc cagctccttg 139988513  
cttctgcatc ttgacttctg ccgtggtcct gcccagaacc ctgagggctg 139988563  
tttctcttcc ctactcccct ccggcttctc cttcctacct ttccacgctg 139988613  
caggatgggg tacttctgct tgcctcagct gcctggcccc tccaaagcct 139988663  
cctttgacca tcagcccagc ttgcatggat gcccgggaca catacagcac 139988713  
tttcttggtc ttggtttaca aagtagtctg ccccagtggt cccaccacac 139988763  
ctccaatcaa ctccagacct cagccagcca cttgaaaatc tgtagtccag 139988813  
gccagagggc aaaaggcaca gtcgaggaca aggagcaggc atcccgtgtg 139988863  
gcgggagcag gaacactctt gctcagggtg ctgtgcatg ggccattggt 139988913  
aggtagtccc agctggtctg gtgtgtgagg ggagaggcag gttcacccag 139988963

ctgtctgtgc ccgggcaggg caactccccg agtgggctga gggagagctc 139989013  
tccgtgatct ctaaggaggg aggcagcgca ttgcagggtt agcaaacctt 139989063  
tagaagatcc tccccgtggt cttcctcccc ctctgccct gcccatagca 139989113  
gaaatcaaca acacgtgggc actgagctct tttccagaaa ctttccaaag 139989163  
agacccatgg gtctggccaa gaccctcagg ggttgccctc attggcctgg 139989213  
ggacagtttt tgagcgactg ctctttgaga agaagtcagc atcagagggg 139989263  
gtcagagaag aggggtaagc aagctaggtt ggggagctgc tcccccaaa 139989313  
tcagactgca aagacaggca agggcatgg ccacttccgt gggcccagtg 139989363  
ccagacagct ccacagaggc tcagagaggg ctgaagggcc aagcctaagg 139989413  
aaaacaacia ggctgaaact ccccatgtct aacgacatcg tgagcgtggc 139989463  
tgcagagctc ccacatggct tcctcctcct tcccaagggg ctgcccacc 139989513  
gctttgccct cactagccag agcaatctac cttgttact tggcccaaga 139989563  
cacagggagg acccctgtgg tctttgcagg ggcttcacc agttgagctg 139989613  
ggaagagacc tcacagcatc ctccccatct ccctggcccg ggtttagaat 139989663  
actgaagaca catagtcttg tcctccgtgg cctacgcaga tccttcctgt 139989713  
tcctgagatc tctggcccca tgcgggcccc tctctgcatt cctagcttgg 139989763  
tggatgccct gcctatctgg cttctacctt tgattgttcc cttggtcact 139989813  
ccgatgccat ggtcctatag caatcagggg gctgagtgag tcctgcctg 139989863  
tcctgcctta taaggaagag acaattattt gtgtcctgcc catctttgct 139989913  
catcattgtc atgggthtta gaatcaagcc gacttggctt ttactccct 139989963  
taacactgtg agctcctcct tatgcaaac accacaggcc tgcccgccg 139990013  
ccttaagcac acacccttct gagcctcagt tttcctgtct gtaaaataaa 139990063  
actcaatgaa atgacacaag tgaaactcac ctgggtgcctg ccctcttctc 139990113  
ataaatggcc cattgcttct gttctcctct cctccccag gccaggcctc 139990163  
ccctccctag tcctcatctt ataccacac ctccctgcc ctactcagg 139990213  
gccttggctc tgaagggaga ccccgaggcc atctgaaagt gtgagcacag 139990263  
ctggcgggtg tggctggcat ccaggggacg tgagggcgca ttcgcccag 139990313  
cgcagcattc ctcttccta agcttgaca gggcctggtt ttgaagggca 139990363

gcagattcat tccagcatga ctactgcagc tacctgtgtc tcctggcgga 139990413  
aggggcagcc tcaggagtgt ggagttcagg gatccagctt tgacttggcc 139990463  
acgcccagag ccagccagcc tcgagcacct gtttcctgtc tgggggcacg 139990513  
ggaaccctcc tgtcctccag ggaccccagc ctccctcatct ctgctgggca 139990563  
gtcatctact acccctgggt ctgacccttg agacctcttg tcctggagcc 139990613  
cgcaggggtcc agctcagctg tgccccctct cggggccgct ctggtggctt 139990663  
ctttgctgcc accctcccca cccccggcac tgtgtctctcc ctgccccac 139990713  
taccactctc atctggttgc ccagtccatg attgtgaact tgacctctac 139990763  
ccctggctgc ctgggcctac gatcctgcaa aaaccctcc aaccagctgg 139990813  
ccccaccct caggacttcc ctctgtggc agagtcacct gtgacacctg 139990863  
gagggactcc agtccagtgt gtccccacct tcaggctaac ccccttgag 139990913  
aagcctcccg acggtgcagg cacgggggca cagaggcagc aggacattgc 139990963  
aggagcagag acacgaagac aaaagaaaca aatgattcct taagatccat 139991013  
ggccaaaaca aattgccgca attaacacgt gccactgcca cgatctatgg 139991063  
gctgaaacgt ggctggaacg acgcagaagc agaaaccaca gagagcgtgc 139991113  
gctccaataa aacggcacta aatggcacgg ctgtgatgga actcgtttcg 139991163  
atthtttcc aaaaccttgt ttaagtgcgt ttattgtttc tgtgtgaaag 139991213  
aacacaaatg ctttttgaaa attgcttcag cataagcctc accttctcca 139991263  
gaaagtcttt ctgatccctc ccatccctac cccatgcagg tccgtgacct 139991313  
ccacgatgcc cccatatgtt gccccctat gttgccacgg tgcccacact 139991363  
tcctgtcac caccagtgtc ctctggctt ctccacccc agggactgtg 139991413  
catcaccctg ctccaccca cccagaaca atgctctgta cacagcagac 139991463  
agcaggcagc aggtgacaca ggcccaatgg aatgactgtc aaggttaagg 139991513  
gagaggatcat ttatgaacat caagggaggc acgcaggctg ctaaggggac 139991563  
ccttgcaaaa cagatgaaat tcttattaga aagagtcagt gttgatttct 139991613  
caaaaaatct atcaatcaat aaaataaaag cataaagaca tagaaacaca 139991663  
taaacagaga atcgttttac atggaagatg gggagtgggtg acttggcctc 139991713  
atagggccat aatcaccctt ttggggtttt gtcccacatt agaagagcag 139991763

ccccatagca gagataagaa aaccaaaaaa gggtaacaaa aactggggcac 139991813  
agagtcagga ctggactgaa gccccggaga gcacgggcag ctctctagca 139991863  
ggtaggggcaa gagggacttt agctgggagc acttggcccc cagcctaggc 139991913  
accagagctc gaggggagac ccttcccatt ccctgagaga tggagtatgg 139991963  
gtctcacttg caggggagcc tcgtgggaat ccctcatatg ggaagaagga 139992013  
tggcatggaa tggcctttct ctcccccaac gccagccaa gggaggcaag 139992063  
ccctccctgt ccgctctagc aatatggcac aagggggtat gatctgccag 139992113  
ttctcccttg agaggcttgg tggggaccac ctgcaggcca gctggcagcc 139992163  
ccccttcacc tgctcacaac tagcaggcca gggggtgagg catggaccag 139992213  
catctccgct gctttgagca atcatgaaaa ctccaggctc atggaagata 139992263  
agaaattggc tatcaaggct ctgaggcatg tgctatctgc gatttagtaa 139992313  
atctcttccc acccccaaat ttaatttttt aaaaaacctc cctcctcaag 139992363  
aacttcattc tcatgtatcc taatccaccc cgccagctcc cagcagaggg 139992413  
gagggccact ctcttgggtc caaaggccca cactagcggg gaagctcgcg 139992463  
gagccatgtc tctgggggccc gtttttactt tgttttgcca ctgtagaggc 139992513  
cactcttggc aagaagcctt tttcactaaa agccatcagc tgcagaagaa 139992563  
ggcaaagggc tgaaatagca tcaggtggag gaggcggccc tggagagagg 139992613  
cctggtttcc atcccagctc tcccaccatc tgcctgtggc ctctgcaagc 139992663  
tcccgaagcc ctgggggcct tcgtttcctc cctgcaaagg gagctgccct 139992713  
cagaagcact cagctcgggt cttggcatgg ggagtgatta gctctgcaca 139992763  
aacctggtag tttcacgaga agccatgtaa ggtagagaag tcgctgaagg 139992813  
catctccctc tcagagttaa aaggaaacag aaagactgga tcttgtgtct 139992863  
cttctctttt ttaaaaaggg aattaggcct ggtgcagtgg ctcacgccta 139992913  
taataccagc actttgggag gccgaggtgg gtggattacc tgagatcagg 139992963  
agtttgagac cagcctgggt aacacggaaa aaccccgctc ctactaaaaa 139993013  
taaaaaaatt aaaaacaaac aacaacaaaa accattagct gggcatggta 139993063  
gcgcacacct gtagtcccag ctacttggga ggctgaggca agagaattgc 139993113  
ttgaaccgag gaggcagagg ttgcagtgag ccgatccagc ctgggagaga 139993163

gtgagactcg gtctcaataa atacataaat gggaagtcac atcatcacga 139993213  
ggtccccact taccctcatg acctcatcta accctaataa ccttccagag 139993263  
gccccgtctc caagtatatg atcatgttgg ggaatagggg ttcaacacat 139993313  
aaacctgggg aggccggact cacacattca gtccattgca caatgtatca 139993363  
aaaattctaa ttgtattggg caagcctaca ctgcccaatt gtaagcgaag 139993413  
tccctgaggc cggagaaatc aaggtatcca tcagtgaata cagggtatta 139993463  
agaaatgcc aagcttactg ctcaagttca tctcctgctg accctgcggc 139993513  
cctgctgcct gggcctagaa tggacgcact tctccacaag gccttgcctt 139993563  
tcttgagatt ctcacagtg gacccgagaa gcatgctcca caatttctta 139993613  
tcaattgaac actaaaaatc ccatctagct atgggatgcc tagtttctcc 139993663  
tcctggattt tgtggttaaa cccttctgct tccaatgcaa thtagcagtg 139993713  
agcacagctc tggacccgca tcccaaggcc tgaggtctaa cgctgcctct 139993763  
gccccctcct ttgctgtgca gcttaggcaa gtcacttcac ctctctgggc 139993813  
tgtggttcc catccatcca atgggagggg tgaactgctc tttgtttgct 139993863  
ttgctttgct ttttctttt ctttctttct ttttttttt ttttttttg 139993913  
agacacagtc tcaactctgcc acccaggctg gagggcagtg gcttactgca 139993963  
gcctttgcct cccaggttca agtgattctc ctgccccagc ctcccaagta 139994013  
gctgggatta cagggtgtgca caaccatgcc cagctgattt tttttgagat 139994063  
gaagttttgc tcttgttgcc caggctggag tgcaatggcg tgatctgggc 139994113  
tcaactgcaac ctctgcctcc caggttcagg tggttctcct gcctcagcct 139994163  
cccgcgtagc tgggattaca ggcacctgcc accacacttg gctaattttt 139994213  
tgtattttta gtagagatgg ggtttcgcca tgttgccag gctggtctca 139994263  
aactcctgac ctcaagtgat ctgcctgcct tggcctccca aagtgctggg 139994313  
attacaggcg tgagccattg tgcccagctg ctcttccctt tttactgtcc 139994363  
tatgactggt ctcccaatgc cagctgagag tgttggctg atctcttttc 139994413  
ttctaagctg gccacacaaa tggacctcag ttactcagta gcccttaaaa 139994463  
tctggtacca gtcaccattt aggcctctgg acatcatcct tgggcaaagg 139994513  
aggctttttt ttaagcttg ggcctagccc tccccactta tatcctggac 139994563

tgtgaaaatg gaccgagtgg gcaatagggg attcaggatg agctggaaaa 139994613  
aaagaaaaaa aaaactcctg ctgcaataaa ttacatcaca gtggagatct 139994663  
ctttctaccc agaaaattct gagcccagac aatggctcat ttatttcaga 139994713  
caatattcaa tacaacagaa ttccagggtca atagaaggat ttctgcaggt 139994763  
tcttagagtt ggtagcaaag ggatttaacc cacggagaaa agagagctgt 139994813  
tcaataatag attcccaggc gtgagggagg ccttattaat aaatccatcg 139994863  
gtggtctgct gaaaatgctg ccccctccct tgcgggcatc ccacctgacg 139994913  
acagtggggg actgatgcac ccagggccct gaccaggag gacgtttggg 139994963  
taaataatttg ggcagagatg gctgctgcta gaatggtgag cagagctggg 139995013  
gagcgcagga aacggcccct ttctcccagg ccctcagatg agacattttt 139995063  
ataaacatcc aggcaggcag cctctgaaga ctctctgggct ttacaaacac 139995113  
atctcgtatt ctatagtcag ctgagaccat gctttgagca tgggcggtaa 139995163  
gaggagcagg aagcaggagg ggcggggagg ggtctggcac cagctttcta 139995213  
aatttaacat gcagttgctt ttaggccagt ggataaaaaa taaattccag 139995263  
tgcttaaagc tcttatcttt gtttaccatt tccccaaaca gctagtgacc 139995313  
tgctctctga ctctacagc aaatcatcaa caagatgcac acgaagatga 139995363  
gggatgggaa atgcaggagg ggtgtgcgga gggcaagttg atggctctcc 139995413  
gccttcccgt cacgtttatt tggcctggca gagtgaccag gatctgctaa 139995463  
ggtcatgagg ctgtccctgg gtgggtgggg gcgtggccat gctgcatcag 139995513  
accggtccag aggtggaggg caccttgggg tctctcgtgt ggctctcctg 139995563  
ttgatgaggg acctatgaat atcccacagc gaccttttca gatgctccat 139995613  
aacctcgtgt gaaaagcccc ggtggacctg ggcttgccca ttgcattgtg 139995663  
aagttgtagt cctttgaaaa tcctgccccg cgtggagtca gaatctttct 139995713  
ttctgggact gatgccatgg ggcctggctc cccccaca actgcatggc 139995763  
acagcactgc cttttccttg gccatgggct caccctgcag atgggtgatg 139995813  
atgcgctcct gcctcccttc agtttgttct gttctccaa attctttcag 139995863  
tgtgcctggt agaagcagtc tgccagtctc ccctcgctcc ctctcattca 139995913  
tcccctctct aactactcat cctgcgaccc cactgacttg gttttggcct 139995963

tgtccctgcc acagttgaca aatataatgg cgcgtcttct tcttcattat 139996013  
tatcattatt attactggca atcatagtcc actctgcctc aaactcctag 139996063  
gttcaagtga tccttccacc tcggcctccc gagtagctgg gattacaggt 139996113  
gcacaccacc atgtctggca tttttttttt ttttttagag atgggggttc 139996163  
actatgttgt ccaggctggc ctcgatctcc tggcctcaag caatcctgcc 139996213  
acctcagcct cccaaagtgc tgggattaca ggcgtgagcc accgtgccag 139996263  
ccatcaatgg tctctcttag tcttgaatct cccaggcact gtccaggaga 139996313  
tctgagatgt tttccagggt cccttacttt ccagttgccc tgccaccttc 139996363  
ccctgggaag cattaagggt caatgcttgg ctctgtgctt gtttttctta 139996413  
cccctatccc agaggactca tccccgtctg tgcgatacca tctccccact 139996463  
tctacgcaa gctgctcacg gtctcaccca ggtgggggtgg tggagggggc 139996513  
ctccagcaaa atcctgcaaa agctgatctc cttcccctgg aagatgctgc 139996563  
cccacccatg tggtcctctt tctgtgtttc tctcagccac ttaggaatga 139996613  
aaccaggga tccctttcat ctctcttcat tccctgacct gttaaatccc 139996663  
aacaccctca cctcccctgg tagagcttcc tttatgacag tgattctgaa 139996713  
atccaggctg catgtgataa tcccttgggg gacttctaaa acaataccaa 139996763  
ttcctgcacc ccaatccaga ccgattaagt ggaaatgttt tgggatgggc 139996813  
cccagcatca atagggaca gccaaatag acagccactg ctgataaggc 139996863  
ttctctcttt cagccccttt tcccattctg actactggcc ttgtgattgg 139996913  
agcacctcac ttttgcctgg actattgcaa gaacctcctg tcttattgac 139996963  
ctatttcca actctttcta cctcagccat cctacatgtc gttgtcagat 139997013  
cacacaaagc cattttcagt atgttatctt gactcatcaa aaaccttcag 139997063  
tggctcccta ttaccataaa aataaatctg tgaatgaaca aataaatggc 139997113  
ttcccaaata cagagtaagt tctatatggc acagaacctg atcttatccc 139997163  
ctctctttcc ctgcccctca cccacacac tctgctaata ggagtaaata 139997213  
gaggaacca ggatctgtgg ggtgagtga caaaagcatt ttctctgcaa 139997263  
attaaatgtg gtccactcac ttcccagtgc agagaaagtg ggctaggtga 139997313  
ttaaactatc acttacttag gggcttattt ctttcaacat catatacagt 139997363

cagctgtgaa tgttccatac taatggaaaa aacagaatcc taaatattac 139997413  
caaacagcag ataattcaaa gactcgaatc tagttgatgt tggaatgcgt 139997463  
ttttgcttat gagtgctgag tgcttgtgtc tgataattgg ggcaattttt 139997513  
aaaaattagg taattagatg tgttttattt gttcctattt ccccctcccc 139997563  
ccactataca cacacactat atgaataaat aactcagctc ccaaaaacaat 139997613  
gccctatttc tttctctcag tcctttcctg gaatagagat agtggttaca 139997663  
tttcagaata ttagcaagga agggagaaga aactggggag gagcctgcag 139997713  
ttagagtaaa tagaagaaac taggatgtca acaggctgct tttcaactga 139997763  
ttcactgtta aaattttagg cagtgtgaac aacctgtctg tcaaactggt 139997813  
tgcaatatct actaaagctg aacatacaca tccctcatga cccggcagtg 139997863  
ccatgcccag atgtacacc aacagaaacc tgtactctgt tcaccaaaaag 139997913  
ccataaacia gaatgttcat aaggctttat tcataatggc ccccaacctg 139997963  
ggaacaactc aaatgtccat tgacaaggaa aaggatggat aaatcggggc 139998013  
agctcaccca atggagcacc aaatcatgag gatgaacaca ccacaacaca 139998063  
caacatgggt gactgtcaca gacatgaaac tgagcaaaaag aaggcagacc 139998113  
gaaaagcctg catggaaata tttcatttat aggaagtca agacaaagag 139998163  
gcaaaaagtaa tctctcgtgt tagaagtcaa gacagtgggt actactgagg 139998213  
ggcatgtgac cgggagaggc cacgggtgtg cttccaagtg ctggaagggt 139998263  
ctgtcttggg ctaagtgtctg gttacacagg aatgcttaca gtgtgaaaat 139998313  
tcattgagct ctaagtttgt gtttgtgtca tatttttcca tatgctgtgt 139998363  
attcttccat aaaatgtaca agaggaaagg aagggagggg aggctggagg 139998413  
gaggaagggt aagaccagggt agggccagggt aatggaaaag gcttgggaatt 139998463  
tgaagacctg gattcagttc caactctacc attaactggc cgtgcgacct 139998513  
gggacaagtc acttcacctc tccaaatatac tggttttttt tcatctataa 139998563  
aatagacaat aaaagctgct ctacctacct cacagtgtgg ttgtgaagac 139998613  
caaatgggat aatggatgta aaaatccatt ggtgagcaat aaagtgtttc 139998663  
acaaggcaaa aactatttat tattctagat ctctgcagac agcaatttct 139998713  
gcagcaggtc agcactgtca gtgaagctca gccagagcc atcatggaga 139998763

agactgatgc cccgtgggtt gtgtgtttgt gtgcgcacgc agcctggttt 139998813  
atgttttttc attacatctc tgcacctaata cccttaatgg cctgggcctc 139998863  
agagtacaaa aacacctgga aaaatctctg tgtttttatg agacgggttc 139998913  
tgtccccttc taaagcaggt ataaatagat gccatgtaca ctctcttaat 139998963  
tactttttct cgagtatgga tgaatttcaa catctaaatc tgccaaatta 139999013  
ttgaagctag cacagagaac tttctgggca ttggccaggg aagccagcaa 139999063  
tgtggatgga aagatttatc accccctctc ataaccaaac ctccatcgta 139999113  
tctccctgca agccttgaac ctgctcactg gaccactca gacaacagag 139999163  
ctatgggatc tagaaggtga aatgtcagag ctccagagaac ctccagctccc 139999213  
tcccaacctt gccataagaa ctccagggctg gccgggcgcc atggcttacg 139999263  
cctataatcc cagcactttg ggaggccgag gtgggtgaat cacctgaggt 139999313  
caggagttca agaccagcct ggccaacatg gtaaaacccc gtctctataa 139999363  
aaatacaata actacgtggg catggtggtg agcgcctgta attccagcta 139999413  
cttgggaggc tgacgcatga gactcgcttg aaccggggag gtggaggttg 139999463  
cagtgagccg agattgtacc attgcactcc agcctggggg atagagcaag 139999513  
actctgtctc caaaaaacca gttgcaaggg tgaggggctt tgcctctggt 139999563  
ttatggtcag aagggcaaag cgaaggtcac cccattttcc acggcttggg 139999613  
ttcatattat agtcccacgg tccttgagga atcagagtga atggaaatct 139999663  
ttattcttca tatggctgta ttgcccagc ctgtcctcgt gcttaaggga 139999713  
tttccagctc cggcttctag agggcaaggg ccagcatcac ttggcctact 139999763  
tcttagtata agaccaagtc tagtgacagc tgggtaggca taactactac 139999813  
agatgctgct gttcctactg ctctgaagaa gaaaactgaa gccacctctg 139999863  
cttctatttc ctttaacaac atagaaaaat gataattttt ctattaggtc 139999913  
cgtgaatctc caggaaaaat ctttgtgaaa gcaatgacat ttttattttc 139999963  
ttttctcat ttatactcca gatgacatct gcacacacac ccagtgtgtg 140000013  
gcgtatgtgt aggtgtgtga ctgtgtgtgt gtgtctagct ttcagagaaa 140000063  
atgatacaca aatgataaa tatagaaaag agattaatag gagagggcag 140000113  
tactgttatt tcctacataa aaggatttat cgatagattg cccatagagt 140000163

tagttcccta aaccatcagg ttaatctatt gtattttaa at 140000213  
attgggccag gcagagtggc tcatgcctgt gatcccagta ctttaggagg 140000263  
ctgagactgg aggatcactg gagtccagga gttcaacaca agcctgggca 140000313  
acatagtgag atgtccccgc atctctacaa acaaacaaaa aacaattaga 140000363  
caggcatggt ggcttgcacc tgtagtccca gttactctgg cggctgaggc 140000413  
aggaggatcg cttgagccca ggagttcaag gctgcagtga gctatgacag 140000463  
caccactgca ctgtagcctg ggccacagag caagaaaata acaaacaca 140000513  
tattggtttc tagatcctaa actatatgat ggaaagacta agagaccaag 140000563  
aatcttagga ataaaattag aagttactgc ccattgaaaa tcaactacat 140000613  
atgaaaaagt ctccccaaa atgaagaaac tctggtttga gaatgtaaat 140000663  
cactaggtaa agattctgtt tattttatct ccatgtttcc caatatttaa 140000713  
ttttcaacct tctaagagca gttattttat aaaataagtc ccagctgaaa 140000763  
tgaatttgat aggattttag aatttctttc tcccttaaca catcctatta 140000813  
gcctagttca atagagagag cagagcgcct catggtgaaa taagctttcc 140000863  
cgccactgaa tgtgttcaaa cagaaatct acctgcttag gaggtacttt 140000913  
ccagttgcc aagacttcca cttcatctt cttgttctact ctactctgca 140000963  
agatgggtgg gacagcatta cagacgagg gtcctgtaga tactgtcctg 140001013  
acgactggcc caaggccatg gctaaggggt acagaccgg aacagaacct 140001063  
tgccctttgc ctcccttggt ggaccxaaag ccaggccaag gtcaagggga 140001113  
ggcgctgcag ggggggcttc ctcatgggt gtggacagca aagggtgatt 140001163  
ttgagatttc ccccagctc taattctcag taatttggcc tttgaaacag 140001213  
gaggcagaga gaaccctggg ggatggcttt tcatgttatc ttttggaaac 140001263  
atagaagctt cagggtgctc ctggctttaa ataagagaat attctgctca 140001313  
gtccccaca tttttgagac actccaggcc cagcagacc acagcaccct 140001363  
cactagctgt tggtaacgtt ggtgcctgga tgtactgaca gaggaccagg 140001413  
tgtgccaagg gcctgtcacc caggctgtag tgcagtggca ctatctcggc 140001463  
tcaccgcaac ctctacctc caggctcag caattttcct gcctcagcct 140001513  
cccaagtagc tgggattaca ggcgccacc accatacctg gctatttttc 140001563

tatstttgagt agagatggga tttcaccatg ttgcccaggt tggctctgaa 140001613  
ctcctggcct caagtgacac cccctgcctt ggcctcccaa agtgctgaga 140001663  
ttatgggctg gagccaccgt gactggccga taagaattct tttctaaaca 140001713  
tgaccacaat accattatca actaaaacca aatgaatgt tcattccttg 140001763  
agagcatcaa atatcctggt ggattcacag ttccctgatt gattcatatt 140001813  
tgsttttaggt tggttgcagc agcctctgaa caaggccatc cactstttcac 140001863  
tggcttattc tcactcatcc taaaaatctc agcctggaca ttgtcgcttc 140001913  
ctcctcacag agtccctgat cccaaatgtg ggagatgtgt gtctctcatc 140001963  
tgsttctccca tctcaccctt atccacttgt ttgcatcctg atagactgga 140002013  
agctccgaga ggctaggaca tgtccgtgca ttttaaagt acgtctcccg 140002063  
ggcctagcac agtgccctgg gaatcatgct cgccaattcc atatgtattc 140002113  
cttgaatatg taaatgaagg atctcctaaa cagaactggt tttgcattcc 140002163  
tcgtaagcac attcgataac actttacaca tccatgtcat gatttgstta 140002213  
ggaatcggtt tcctcaatgg acagagcctc cttggacccc cagcacctgg 140002263  
tcccgcacct gaccatcca aggtgcccgc tgaggaactg ctgaatgaaa 140002313  
gaggacttat aataaattct atgttgagac tttgggttca caggccttcc 140002363  
tctctgggcc tcattstttct cctctctgtc aaggaaggat ggctgggagg 140002413  
atsttccaagg tcctsttccc ggacggggag tcctcattta gcatgcgctt 140002463  
gttgccctct gctggcagaa tttgctcagg accgttctgt ccctgctatt 140002513  
cctgaaagct gcagacaaa ccagcaactg ctgggtggac cagccagtga 140002563  
gtgggatagg gacttgagtt ttgttgtctc gctggttcga ctaagacatg 140002613  
gagggtgtgt cgtccttctg cctcatccgt tcattcctca ggtgtggaga 140002663  
agcgctaggg taggtctcag acagacagtc ggaaagacct atgcccctga 140002713  
gtgcacatta ggacagccag ggggctaaaa agggagagct ggtgcccagg 140002763  
ccccacctca gaccaacact ggggagtagg gcccaagcat ccatctatac 140002813  
taaaacatat aaaaatctgg ctgtsttctgg ctgggcgcgg tggctcacac 140002863  
ctgtaatccc agcactsttg gaggccgagg caggcggatt gcctgaggtc 140002913  
aggagtctga gaccagcctg accaacacgg tgaaacctca tctctactga 140002963

aaatacaaaa attagccggg cgtggtggtg ggtgcctgta atcccagcta 140003013  
ctcgggaggc tgaggcagaa gaattgcttg aaccaggag gcagaggttg 140003063  
cagtgagccg agaccgggccc attgtactcc agcctgggca acaagagcga 140003113  
aactccgtct caaaaaaaaa aaaaaaaaaag ctggctgttt ctaacatgca 140003163  
gccacatgga gaactgctga accaagatgg tctttacata cgtatctttt 140003213  
tgtttgtttg tctgtttgtt tgagatggag ttttgctctt gatgcctagg 140003263  
ctgtgatctc agctcactgc aacctccacc tcccggttca agcgattctc 140003313  
ctgcctcagc ctccagggtg gctgggggta caggcaccca ccacatgcc 140003363  
cagctaattt tttgtacttt tagtagagac agggtttcat catgttggcc 140003413  
aggctggtct tgaactcctc acctcagggtg atccaccac ctcggcctcc 140003463  
caaagtgctg ggattacagg cgtgagccac cgcacctggc ctacatgtgc 140003513  
atcttgatct aaaagcctag aagcacagtt aaaaagagaa aagcctatct 140003563  
agggaaagag taaagacttt gattttctaa tacaaaattc gcttagccta 140003613  
tctttaaaaa ttttctttct ttgacaaacc gtgacaactt acaagccata 140003663  
cagttttctt cggggaacca acaccattta cccattaggg atgctgcttc 140003713  
cagatccagt ttttcttttt gagatatagt tccctatttt tgtgtaccgc 140003763  
acctctgttt cttgtttgat acatgcatat tcctgcattt gttaagattc 140003813  
gtttggttgc agacaatgga attcagaatg ttgctaactt cagctgcaag 140003863  
tgagaacttg ttggaaggga ccaagatgcc acccacaggg ttacctgcca 140003913  
ggagcagatg gcaacaggaa ctggaactcc atggggcacc gagaaatggt 140003963  
ctctctgtcc tttgcttctg ctttgttgta tacatctgat tcatttcttc 140004013  
tttcttgagg ccaactgctg ttttctgctc attaatccac aaggccgaat 140004063  
gtggccaaca atgggtctcc acttccctgt gttcaatcgc cacctgctgg 140004113  
agaaaaactt ttttctttgt cccagatcga aatttccaga ctggcccctt 140004163  
tgggccagtc aatcttggcc tgcagggctg gctacaggat ctgtgaggcc 140004213  
cagtgagaaa taaaagcgtg gtagccttta ttcccaaagc agggggacgt 140004263  
gtccatcgtg gtactcagcg agcttctttg tttcttctgc agtctctttt 140004313  
tcgacttgtc atggtgcttt ttattttcca tttactgttg ttctaagtaa 140004363

agaaaactca atgttaaatt attagcaagc attttaccat tcatctttat 140004413  
atcaaacaat gccagtttta aatgtaaatt tcagagcggt taacttatat 140004463  
gcagaaccac tgaaattaca caattggtgt ttgtgacttg ttggccagaa 140004513  
gagacaaaaca caaaccaaac tcataaagat tggaagcagg aagacaagtt 140004563  
gcctccaggt ttgcccaacg gggatgttct ttcaggcctg gacatactgg 140004613  
atgagcgggg ggagtccaga cccttcagg catccaaggg ccctgtcagc 140004663  
caccagacac atgcactgag acccagccag ggaggcagga tctagggaaa 140004713  
ttggtccagc tgtctcccct ttccacagcc tccccagcc agccacagca 140004763  
gactaacctc caaggatctc taaacctctg tgctatgaca ccctcagtac 140004813  
ctgggctagg ggtgggcaga ggtttgcccc catcgagaaa cagcctccgg 140004863  
ccggccccgc cacatacact gtgtgctgcc agcctagggc agggacggcc 140004913  
accacatgc caacccgaga tgctgcaggg tgcatgcacc ctatcctggc 140004963  
cctctctgtg cctgtacca ggaccctgtg aagtgtggac agcaacagtg 140005013  
gccataggtc agggcagaaa gggggaagcc aggtggagag cacaggcagc 140005063  
tgagagctgg tcgtgggagg cagccacagg tggagccatg cataagccag 140005113  
gcttccaaag cacagattca aagataaagt tacgtccggg tgcagtggct 140005163  
cacgcctgta actccagcac tttggaaggc cgaggcaggc ggatcacttg 140005213  
aggtcagaag ttggagacca acctggccaa catggtgaaa ccccatctct 140005263  
actaaaaata caaaagttag ccaggcatgg tggcagatgc ctgtaatccc 140005313  
agctatttga gaggctgaag caggagaatc acttgaaccg gggaggtgga 140005363  
ggatgcagtg agccgagatc acaccactgc actccagctt gggcgacaga 140005413  
aaaagactct gtctcaaaaa aaaaataaat aaataaaaaga taaagttatg 140005463  
aagactctca agacagcgcc acagaggatt aacccccgca cagagccctt 140005513  
ttcattggtc acttgctcag ccagctgccc cagtggcctg tgatgggagt 140005563  
gggaagtgtg gggttgggtg ataaccttct aaagttagaa ccgttcccag 140005613  
aaatgcagac gggagagctt tgggaaaacc atccaaacct tgttatTTTT 140005663  
tatgacaaag taggaatgcc accctggccc tctaaattca taaacagtca 140005713  
cagacatggg attaaactac atataatttc tgcaacgtgg cttataggca 140005763

tcattaaaca gctgcaatat gttgaatggc tatgtcatca tagattagct 140005813  
acgatactgg ctatggactt caagactcca tgtgtcctgg cccctgccct 140005863  
tccaccctc tgacccgaga tgcagttcta acaggttccc gggatgatgct 140005913  
gctgctgctg acccttgccc atcccggagc tcaactttgag agctggctga 140005963  
gatcccaggc aggggtggcca gtggctgctc cagggctgtg aagggctccc 140006013  
cctgcagacg gaggaactag gcctcccagc gcctgtaact ggaacgttgg 140006063  
cggcttgaga atggacttgc cctgaaggcc ggcctcctgc tgctctggga 140006113  
aaaagagggg acagaagaaa gcaatccgcc accttgggga ctccctcctgg 140006163  
attagcatta tctaggtgaa gaaagtgaga ccatcaccta ccaaccagat 140006213  
aactcattcc acctctgtgg gcaaaactggc agagcagcaa ataagcttcc 140006263  
ttaatcccag tgcgcccaca ccctgctcaa gagctcatgg gcacgtgttc 140006313  
atcttcaggc caaagatggg gagccagga gtgacagact gtcactccag 140006363  
gagagtcacc cgggggtggtt aggatcccca catttgcacc ccctgaaatc 140006413  
taatcagcat tttccagctg ttccctaatct gacctgtgca aatggaatct 140006463  
cattggaact tgcatttttc attatagtaa ctcatatggc ctctgtgttt 140006513  
cgcctgttca tagcctttga ccatttttct agctagttgt cttttcctac 140006563  
tgactgatag tagctctttg gtttttgta ctgttagtcc tttatagatg 140006613  
tggcaaaact ttttatttgc tatttcaacta tttgcctttt gacttcataa 140006663  
tgtgccatga ctacctatgt gacaggctct ttgagcctca gttttctcat 140006713  
ctaagagatg gggaaacagt caccacactg gcttagtgga gcatcaaatg 140006763  
cggtaacgct tatgctgcac ttggctcgcc acatcgtcag ctccaataa 140006813  
atgctggcgg ctgtggttgc cgctgcagtt ttataaccaa acttctctgt 140006863  
attacgaaga cccctgagcc ccaggctagc accgtgaaat ataagcacia 140006913  
tagaaccact gagcgccaat cagatgcaat ttgggtcata ccgactttcc 140006963  
atthttgtgg gtttctgttt aaatgtttgc caaagttgga aacgagattg 140007013  
aaatttaagg aaaagacaaa atgctgtgag atttgggcta acacgaactt 140007063  
ctccctttgt cacgaccct ccatcagATG GCCCTGAGT TCTGCAGCCT 140007113  
CGAGGAAGGC CTGCCCTATC TGGACATGGT GATTGCAGAG ACGCTGAGGA 140007163

TGTACCCGCC AGCTTTCAGg tgtgtggtag cccctcccc tgcccagtc 140007213  
cccacctcct acccctaccc cctgccccag cctgcaggtc agggccctcc 140007263  
tccatcagtt accacttggt tttctggagg gcaacgcctg agtcctgggt 140007313  
tcctttgtat ccccatggca cctcagatat ctggcccgtt ttcctacagg 140007363  
ttaacaacct tctcaaagct tcacaggcat tttcttaaca ccgccttcct 140007413  
cccagccca agctggccct ttggtctcct agcctttgct ggcttttgcc 140007463  
atctcccctg cctgttcggt cattcattca ttcattcgtt cattcattca 140007513  
ttcagcaatt gtttattgag catctactct gtgccaagca ttgggaaatc 140007563  
agctgtatat aaaacagata aaagtcctctg actgatcttg gagctggcat 140007613  
tcagacagta ggggactgtc tgagtcctgg gagctccttc ctgccatcca 140007663  
acacccccag ctgtcccatc ctggagctcc aacacgactc accctccaaa 140007713  
acgtctcact gccctcaag acgtctgtgt tgggcttgcc tcacctggtc 140007763  
ctccctgccc ttcctcctca gcactttgag ctgtaactat aacttcatg 140007813  
ttatattcct ggacacatat ctgccactcc atgacatttc actaatgtac 140007863  
acaccaacca gccggtcaca ccaacctgtg ggtatcttga gagcaaaacc 140007913  
aactattgtg cttcgttcaa actctcccaa acaaggcact ccatagagaa 140007963  
gggcatctta attcatgtcc ccagaccctt acagagagtg aagtaacagc 140008013  
cagatttcag gctctagaaa cagaagcagc acaaagcatt aaccgtatgt 140008063  
gataaattcc actcaacact tttatgaatt aacagatcac ataaaccata 140008113  
tggaatacc tttcaccatt tttaaagaca atatgtggat gatttgaggg 140008163  
tatctcaaaa cgatatttca acacaaaagc attacaaaga atgcaattgt 140008213  
agacattgtc caaatgttca agtccagaag caaatacaga aaattccggt 140008263  
ggcgtgattc gaactgcatt gtcctcaagc acacaagggt ttgggtctca 140008313  
gtgtggaagc aggccagtca ctcaggggct ctgtgcccc tctccccatg 140008363  
ccagcattaa gacctgatgt gcagcccttc cctgatctcc tttggagcct 140008413  
cttgcaaact gtcattcaat tctttctttt attctttttt tttttttttt 140008463  
ttgagatgga gtcttgctct gttgccagc ctggagggca atggtgtgat 140008513  
cttggctcac tgaaacttct gcctcttggg ttcaagagat cctcctgtct 140008563

cagcctccca agtaactggg attacaggtg cccgccacta tgcccggcta 140008613  
atTTTTtGta ttttttagtag agacgggggtt tcaccacggt ggccaggctg 140008663  
gtctcaaact cctgacctca ggtgatctgc ctgccttggc ctcccaaagt 140008713  
gctgggatta caggcgtgag ccaccaatcc cagccttatt tttttcataa 140008763  
ttgatatcca gctttcttcc aaggggattg tgggaagctg gtgtacatgt 140008813  
taaaatgaag ttcaagataa agcattcagg gatcaaatag aacaaaggcc 140008863  
atTtaaagga aagaaggcct tacagggccc cagagctggc tggtagctgg 140008913  
ggtccagctg tggcttggtg accagggctc ctggccaaga gggagagcag 140008963  
ccaagccaaa cagggtgtgtt ctccagcaag aggacagcac agaaactgat 140009013  
caatggacac agtacttctt ggacctaaac tcagccacga atccatcaga 140009063  
caagacctta ttagctgtca tgttgaataa caaaggggtt aggctcttca 140009113  
acatgaaaat gcggtggccg attctccact gacccgttat aaacagcaga 140009163  
gcagaaaagg aagttgggtg aggtggacca ggaagctggt gatctcacct 140009213  
gaggaccaga cagaaactag agaacctggg tgaagtagtt agaattcatc 140009263  
taacaggtct agagggcacg tcagaagacc atcttggccc tggccttggc 140009313  
atactgcgtg atcgtgagcc tcatgctgct cctgcctctt ccttctctacg 140009363  
ggttaaattg ggacacacac ctgcttggct ggccctgcag aagcaggcaa 140009413  
gaggcagtggt gtggcacagg tggaaactgta gtgcccgtc agctgcctgc 140009463  
agcatgatgt gtgcaggag gagcgccggc actggtcggga cagtggaatg 140009513  
gacagcttcc atccagcctc gctctcctga gccgcccctt cccacacat 140009563  
gccccacacc cgccccacac cttccccaca cccaccccac acctgcccc 140009613  
caccgcgccc acacctgccc cacaccaccc ccacacctgc cccacacccg 140009663  
ctccacacct gccccacacc caccacacac ctgccccaca cccgctccac 140009713  
acctgcccc ctcccccccc acacctgctc cacacctcca tacctgcccc 140009763  
acacctgccc cacacccgct ccacacctgc cccacacctc catgctggcc 140009813  
ccatacctgc tccacacctg tcccatgccc gccccacagc cgccccacac 140009863  
ctgctccaca cctccatgcc cgccccacac ctgccccaca ccttcacacc 140009913  
tgccccacac ctgccccaca cctgccccgc acctgcccc cacctgcccc 140009963

gcacctgccc cacacctgcc ccacacccgc tccacacccg cttcacaccc 140010013  
gctccacacc cgccccacac ctccacaccc acaccacacc cgccccacac 140010063  
ctgctccaca cccacaccac acccacccca cacctgcctc acagctgctc 140010113  
cacacctgct ccatgggcat ttttcaccct atcagctctg ctggcttttc 140010163  
ttattgatca ccagatatga gagagacaag gtgtcacaat tctcacccag 140010213  
accagaggac aatctgcttc tgctcaaagg atttggggggt gaatgtaggg 140010263  
agagtgagca tttttatattt attattttat ttcactctcaa aaagcgtggt 140010313  
gacttttccc aagtgctgac acaacttggga cttactcata aaagaaaatc 140010363  
agaatcgccc ttgtgggaaa cacagcagcc ctgtctgagc gccactgagg 140010413  
tgactcccgg atgctgtgcg gtgcagttct gaagcttctg ttgatctctt 140010463  
atgaggttca gtttacgggg aaggggaagg cctattttcc agcttccagg 140010513  
gggtctgcct ccaggtccag gctgtttcca gaaaagaaga acaagcaggg 140010563  
tgccagggaa cagcttcatc tgaccctttt ggaactgcgg gtacagacat 140010613  
cacaaacccc agctgcctgc cctgggtttca gtgctggtgt ttgctatcag 140010663  
ctccaagcac atataattgc attagcagct tagcatctca atgggttctc 140010713  
cacgccctgg cctttttctg ttctgtctg ttacatgaaa ggctcataac 140010763  
agagagggag cagcaagaag ccacaggctg cttttaatct cttacgggca 140010813  
ggaacagggc ataacagtaa ttactgtaat cattgcattt cctttaggat 140010863  
atntagggaa gtccaatcct acagcttgaa gtaaaatcca gcatagaatt 140010913  
atthtgaatt ttaattatt tatattgcca aaatagcatg cttatacaaa 140010963  
caaaacaaaa ccaaaaaaaaa aaaaacagtc ccggccgggt gtagtggttc 140011013  
acacctgtaa ttccagcact ttgggaggca aggaggggaag atcacttgag 140011063  
ttcaggagtt caagaccagc ctgaccaaca tgatgaaact ctgactctac 140011113  
taaaaataca aaaattagcc gggcatggtg gcagaaacct gtaatcccag 140011163  
ctacaagggg ggctaaggca ggagaattgc ttgaatctgg gaggcggagg 140011213  
ttgcagtgag ccaagatagt gccactgcac tccaccctgg gcggcagagc 140011263  
gagactctgt ctcaaaaaaa acaaacaaac aaacaaacaa aaaaaacagt 140011313  
cccctaaaca atgaagaata aaaaaaaaaag aaaaaaaaaag ccccctgcca 140011363

ttctccatcc caatcccatc ccctagagaa gagaaagata gaaatttaag 140011413  
tattcttcta gaaatgttat gttcatatac aagcatatat agtctaccct 140011463  
ttaaagtaa agcataaatg agattgtgcc attgcccttg ggtaaaatga 140011513  
acaatctgat caaatatfff cctctctggg agaagaagct atcggtagag 140011563  
acatagacaa cagggaacag attttcaaac ccaaatttcc ttccctcacc 140011613  
aggactcact cagaggagcc aaattaacaa agaaagtaga aggctgtctg 140011663  
ccagggacca gggagagggg aggggagga gttagtgttt aaggatcca 140011713  
gaatttcagt gggggaagag gaaaaagttc tggagatgga tggcagtgct 140011763  
ggttgcacaa tgaatgtact aaaaccacag aactgcacac tgaaaaatgg 140011813  
ttcaaaggt ccattttatg ttctatatat atatatatcc acaatgaaat 140011863  
aataaacagg tgagcagata aataactaaa taaaccagc ctcaccagga 140011913  
ccaattctga tgttccaata ttccagaatt atcatggcat ttgatggacg 140011963  
gtttgagcct gtcctcatta gatgttctca tgtcctgtgt taaggactta 140012013  
agactcagaa gatttttcat ggattccagg cacgtgggag tggtagacac 140012063  
aggagcagga gtgggagccc gtgtacggga ttcattaggg aaacagaact 140012113  
ttgctacgtt gggaggggat ctcgaggaca agccttgaca gaggggtgtga 140012163  
ccagcgtctc ctccaaccc ccgtgttacc tgggatagga aatggcctga 140012213  
agtctggaag gtaggaggca ggaagtgggg cttggttttc ttgctgtgag 140012263  
ccagatctgt tggagtggga taatgctgaa gtcagagaga gacttctcaa 140012313  
tcgaacccta tagtcacaaa agtagttggg aaggggggtgg gctgagaggt 140012363  
gcagggaggt gataaagaga agctggggct gtaattctgc cctcgtccta 140012413  
aaaggctcta tctcatcctt taaaatccca aatcacctgt aaccagaact 140012463  
tttttttttt tttttttgag acggagtctc gctctgtcgc tcagggtgtac 140012513  
agtggtgca tctcagctca ctgcaacctc ctcttcccgg gttcaagcga 140012563  
ttctcgtgcc tcagcctcct gagtagcagg gactacaggc gcacgacacc 140012613  
atgcttggct aatttgggta tttttagtag agacggggtt tcacatggt 140012663  
ggccaggctg gtctccagct cctgacctca ggtgatccac acacctctgc 140012713  
ctcccaaagt gctgggatta caggcatgag ccaccacaca cccggccatg 140012763

accagaactc ttgagagcgt gtgctcaaca ctcgaagtcc aaaagtctac 140012813  
ccaagttcag gaagagagcg gttcttcacc tctccacctc gaattttggt 140012863  
tctagaatgt tgcattgtagg tctgaagagt gacagcacgt ttgtttaaca 140012913  
ggaactcaaa gccagcagat caggaaagga cacttataag gtttgagatt 140012963  
tgggttacag aggtttaagg taggtctttt gtggcaagga atatttgaaa 140013013  
ttgggcaaga tgagtgagct gagatcgcgc cactgcactc cagcctgggc 140013063  
aacagagcga gactccatct caaaaaaaaa aaaaaaaaaa aattggggca 140013113  
agatgtatga cataacaatt taggaatgag tgaatacagg taggtgagtt 140013163  
gaagggagtt ctgacaggta agactgttgt ctggcaagtg aactgtttgc 140013213  
tcacgcaagc aaaccattgt cctgatagga aagtggtttg ctgagacaaa 140013263  
ttagtttgca ttaatttcct gaagccaaca gtgaagctgt ttcttggttc 140013313  
agaggtttat cttcctcggc aagaattttc tggagcagag aggaagtcac 140013363  
tgacacaggt ggtctcgatg ctactccaa gagttgagtt gtgtggctcc 140013413  
aggtagactc atttcccagg gtcacctgct gggccataat caacaaggta 140013463  
caagcttaag agagccatgc cgggatttca agttgcaagg aagagagatt 140013513  
caatggtgct ttcttgagtc acgggtgttg gttgtaagaa actggtgggg 140013563  
taaggaagct agaactctcc caggaaccag gaacggctct cactggcagg 140013613  
cctcacggag gagaccaag ctgggggact ggaaggtggt tcagattggt 140013663  
cacaagctgc agtggctcca gcagtcagat tggggtgtga tctcacagca 140013713  
ccaggagccc tgaacaccag cctgaggctc agccctgaag gcagcttgac 140013763  
caggcaaacc tggagactgc atcaacacca gcagcctcca acacacctga 140013813  
cctgctcatg gccttaatcc caaaccagg tcctaaacta cctctcactg 140013863  
tgcactgcaa gtcactgccc atcttctcgg cttctgatct gctgccgtcc 140013913  
ccgattcatg gcctcacttc acccactgat tggccttgac tttgagctac 140013963  
aggtttcacc agctaactgc gactctagcc tcagctctgg ggccatacag 140014013  
cctcaagcac ctgggtcttg ctccagctcc agctccctgt tctaggcagc 140014063  
ccatccttgg gaagaagcag acaaaactgc atgtcagaga catggctctg 140014113  
gttgtcatga gaagactgga ttgcaaagag gtcaatgaga gacgagaatc 140014163

taaactaagg agatggcagt aaaactggag agatggcacc atacgaaaga 140014213  
ccagtgatga atctgcagac ggggagagac gagtacagga tggcttctgg 140014263  
tttccggctt tctcaagcct gtgtgggaaa cagaaggagg agaagattct 140014313  
gatgacctgc tgctgctcag gccgacttcg aggattctgt ggaccgcca 140014363  
gggaagaggc cgggtctgtg ggtagaaatt ggaacctggg gttcaggctg 140014413  
gggctgaggt aggaggctta ggagataatg gaagttgaat ctgggagggc 140014463  
agacgaaatc cctgggaagt gccaggattt aagaggctgg tggatgcaga 140014513  
agagcctgcc aatgaggag aaatcaagga aagaaatgtg tgtgtgcatg 140014563  
tgtgtgtgtg tctgagagag agagacagac acacacacag agaatggtaa 140014613  
agatgatgga cacaggccag gtgcagtggc tcatgcctgt aatcccagca 140014663  
ctttgggagg ccgaggcagg ggatcacttg aggtcaggag ttcgagacca 140014713  
gcctgaccaa catggtgaaa ccacccccg tctctactaa aaacacaaaa 140014763  
attagccagg cctgttgaca cacacctgta gtctgagcta ctctggaggc 140014813  
tgaggcagga gaattgcttg aacctggaag gcagaggttg cagtgagcag 140014863  
agattgtgcc actccagcct gggtgacaga gcaagaccct gtctcaaaaa 140014913  
aaaagaagaa gaagaaagaa ggaggaggag gagaagaaga agaggaggag 140014963  
gaggatgcag caaaaaacag cagggtgaatc tgggtaaacg atacatgggt 140015013  
atctaata gta ctattcttca acttttctgt aagttcagaa ttatttccta 140015063  
atgaaaatta aaacagaaaa acaacaaac caaagaaatg tgcaagagga 140015113  
agacaatcaa tgacatagac agaccaagtc agatgaagac tgaggagtat 140015163  
tcatcagatg taccataaaa tattctttgg ggatcttggc atggggacca 140015213  
tccacaggag ggaggggaca gatgccaggc agcagggcta gtcagtgaaa 140015263  
tgaggaggaga gggagcgaga gggtgagcaa gggcaatttt aagaggcttg 140015313  
gctgtgaatg ggaagatagg ataggctgtg gcccaggaat gaccctccag 140015363  
gccccacta tgaaagcaat ccttccaaag cagtttgac cccgacatgg 140015413  
ggcacaagag gggccctttg tgcttgacaa atggatgcat gaagggatgg 140015463  
atgagtacat tttcatcaag gaccaagtga gcctagcctc ggggctgcag 140015513  
gctcctgggc agtgagtggg aatgggtag gggcttggtc accctgggaa 140015563

gggggctgag cagggggtcc tctgtcccca gcctcattcc acacaccatg 140015613  
ctgcctgccc ctgatcccct tcacactcag actctgcctg cccagcacgc 140015663  
cccaagctct gctcctcatc tcttctctgt atccaccccc gacctggtgt 140015713  
ttccctcagA **TTCACACGGG AGGCAGCTCA GGACTGCGAG GTGCTGGGGC** 140015763  
**AGCGCATCCC CGCAGGCGCT GTGCTAGAGA TGGCCGTGGG TGCCCTGCAC** 140015813  
**CATGACCCTG AGCACTGGCC AAGCCCGGAG ACCTTCAACC CTGAAAG**gtg 140015863 [P448L](#)  
agtactgccc cttttaaaaa gctctgaagg gatgtgagtg tgtgggatag 140015913  
aaatttacca gtggaggcag cagccgggag gcacagactt agcaaaaattg 140015963  
tccccaaata gtcaaaagtt atggcaattc agatagatgt ttgcaagaca 140016013  
taatttcaa aggaaataat tataccattt tttagccacg cgtggtggct 140016063  
catgcctgta atcccagcac tttgggaggc caagggtggc agatcacgag 140016113  
gtcaggagat cgagaccatc ctggctaaca cgtgaaacc ccatctctac 140016163  
taaaaataca aaaacttagc tgggcgtggt ggcgggcgcc tgtagtcca 140016213  
gctacttggg aggctgaggc aggagaatgg cgtgaacca ggaggcggag 140016263  
cttgcagtga gccgagatgg tgccactaca ctccagcctg ggtgacagag 140016313  
caagactctg tctaaaaaaaa aataaataaa ttaaataaaa ataaataaat 140016363  
aaataaataa ttataccatt ttttcaaggt ccaaactgaa tccagagatt 140016413  
tagcatttca gcagccctgc atgcaaggaa caaggcaatt tcaaatgatt 140016463  
gtcttccatt cattcaagcc aggacatggg atacaggatt gtatttcagg 140016513  
tctgactgg aaagtaacgg aacatcattt cttttttaa aaacgggcat 140016563  
ctatgcaaaa acaacagctt cagctgatgt ctccatgaat ctaaattcac 140016613  
gtgatccact ggttgacctg ggtccccgcc ttccaccacc tggctttggt 140016663  
tcattgtctc ctttcatttc tgggctctgt gattggaaac atctgagcag 140016713  
gcgcccaca ctctggtcct catcagaacc agtcaatc ctgtgtgtgt 140016763  
gatctggcaa ggaagggtct ggcccggcac cagttgtgtt ttcaccttc 140016813  
atggctcaa ctgagttcag cccaagccta cgaccagtc actgggaaaa 140016863  
cgtgagcaat gggatctaca caacaatatt ccacagtcag cagctcctga 140016913  
acgtgccgca gccacagggc ttacagcctc acaataaagc ccaggggtag 140016963

taaaaagtga gctcgcgtgtt acagaacagt gagtgccacc tagcttcact 140017013  
gtcatgggac acacgctgca ggcaaagtca ctacttggta ggagattcag 140017063  
cagttctgag gaagggcctc cagctctcca ggtactgcag cttccagtgg 140017113  
ttcaagtgtc cagtgcaggg gcctgcaaag caaacacggg caggagaggg 140017163  
gctgccagtg tggcccaaga gacctgcagg gcaagccagc aggacacgcc 140017213  
ccccagggag ggcccaggag gtgctgaggt gcccgggtacc ctgccaagga 140017263  
agcaggtggc ggctgggtca tcctatggga ggggaggtgg cgccatgggc 140017313  
ccaggtgagg gtgatcacca aaccctgggg ttcagggatg ccgtgtttag 140017363  
actctgattg tgggtggcgg tgagtctgtg ggcttattag ccacacactg 140017413  
aattcctaag gagaggcagg gagggagctg tggacattcc aggtgattct 140017463  
gcgaattcag ctctgcctct ggggctgtgc aggaagacag gaggccagga 140017513  
gcagagaggg actgaggctc aggaatgagc agccatcagc tcccagagcc 140017563  
ttggagacat ccttgtctca gatgcagggg tggctcagct ggagcacagg 140017613  
gctgcagagg ggaggagcg ggtgttctgg gccagccctg accacacgga 140017663  
cctgcagGTT CACGGCTGAG GCCCGGCAGC AGCACCGGCC CTCACGTAC 140017713  
CTGCCCTTCG GGGCCGGCCC ACGGAGCTGC CTCGGGGTGC GTCTAGGGCT 140017763 [G473W](#)  
GCTTGAGGTC AAGTTGACAC TGCTCCACGT GCTGCACAAG TTCCGGTTCC 140017813  
AAGCCTGCCC TGAGACCCAG gtgaggcccc cctgctcaga ggcaggggca 140017863  
ggggcagggg tgggagggcc accccagttc tctgcgtgag agcaggccag 140017913  
cctgggggca acatcaggct ctgcctccgt gagcttgggc aagctcctta 140017963  
acctctctcg gcctcagttt cttgattcgt aaagtggggg tgataataat 140018013  
aacaccctct acctctcaac atcctgtgag gatccagtga gttcacacag 140018063  
cgctcaggta agccctggca agccaacccg agcacgtgtt aaccattgtt 140018113  
attagtattg ttctctgcac accagggctg gacctcacct tgctgtagct 140018163  
cttcccactt ccacaaaggg cacacagaca atggcatttg cagttgtgac 140018213  
atgtgcctgc ctttgcgggg tggggggtgc atggcctgtc ctacagaagg 140018263  
tggggacact tcctctggct cctcctgaca gagcaaggtg ctgtctgctt 140018313  
ggaggggaag ctgaagggtt tcagctcctt gaacgggtacc cccagctttg 140018363

ccttcccccc ttgtgcagac actcacgtgt ccccatggcc acagcctggt 140018413  
ccctctcaca ggtggtgaca cagcctcttc ccaacaacat atgccttcat 140018463  
tcctgaggtc ctagactggt gcacagaccc tgtcctcacc cagagagctg 140018513  
agctctcctg aaatggggcc tcaccactt ttccagccct atctcccccc 140018563  
cacatcacac actccagaac cagcagacca attcctcaac aggtcagga 140018613  
gcttatatcc cctgctttca cactcacagc aaccctgcag agtaggagtg 140018663  
actattccca ttctttagat gaggaatcaa agctcagaga ggttaaataa 140018713  
cttgcctaag gccacacagc aggactgcag gcttcgtgat ggaggacc 140018763  
cagtctgtca tattcattgt tggactttcc agcatctagc ttaatgccag 140018813  
gcgcatgaca ggtgctcact cattcattca acaaacatta atgagcaaat 140018863  
ggataagcag ccagagatga gagaaacggg ggtcctcacc cagatcctgc 140018913  
ccactcccaa gctctccctc cttcctgaca tctggctacg tctctgcaca 140018963  
gcgttagcta ttccctgcct atcctgacca ctgctgtccc ctgcacctat 140019013  
cctcatgctt gtccctgccac ccggaacca ctgttcagct gcagacctgg 140019063  
acaggcaggc ataggaaggc ataaggacac agttgacaga tagcaacaat 140019113  
tctagattga gacaggcagt gcctctgaca gagaacctgg gaccagctgc 140019163  
tggtcctgga ggaataatga gcttggatgg gggacataga gtctgagata 140019213  
ctgaaagtga acgcatccac atactctggg ctggagacag ggaggggag 140019263  
atcggcagag cagagccaaa ccaagtgagg tcaaggggca gacggaggag 140019313  
cagccccact gcatcggggc ttccacgtgt gcggggcttg tctcacttcc 140019363  
ccacgatctc aacatacagt gcagcagcca gaccagtctc caaaaacgct 140019413  
gcttatgcct ggcaactccc ggcttaagaa ccagccagga gtcaagggct 140019463  
ccccgttctt ccttgtctgc tcagacaagt gctggggcct gcagcttttt 140019513  
cagatgcctt tgagggctat ggctcccaca ggagacacgt acagcccaa 140019563  
gcactaagac cctggtgact ctttgctgtc acattagcca ctggctcatc 140019613  
atthtactca gctccagagg aaacccaact cctcgagtaa ttctttggtt 140019663  
tttcttcaaa gtccccagtc caccactggc tctgcctttt aagctggaca 140019713  
taggaaagct ttctggatgt cagtgaggcc agaccacagc acacatgagc 140019763

aggaacagca tgaagctgct ttccccagag cccctgggcc agagggcatt 140019813  
gctcagttac tggccagaac tggagagtga gatggggagg atcagcaggg 140019863  
acggctggag tcaactgaaag ataggtttgg ggctttgctc tctgctttct 140019913  
tcttgtgtga ccttggacaa cggacttggc cttcttgaac ctccaagtct 140019963  
tcatttgtac agtgagatgc tactatctct ttgacaaata ttttaatttt 140020013  
ctctatttta gGTACCGCTG CAGCTAGAAT CCAAATCTGC CCTAGGTCCA 140020063  
AAAAATGGTG TCTATATCAA GATCGTATCC CGCTGACACA GAAGGCTGCC 140020113  
GGGTGGGGGG AGGGCACCCC CAAATTCAAA GAAAACCCTA AGTGTGGATG 140020163  
TTCAGAATTT TGGAAAAATG TCAC'TGAAGT GATTGAAAGA GTGCCTGGCA 140020213  
TGCAAGGATA AGAGGTTCTT TACATAACAT TTCCTAAATG CTTAATAAAC 140020263  
GTTTGTTCGA CTTGGTTTTG ACATTGCCAA tggggtttga accagtgtct 140020313  
tctctaaatg aagaattgct gataaataag tgaaaatgta gttttgacaa 140020363  
aacaactgag aatgtgggggt tttaaaggaa gtcccaggct tgtgctgaaa 140020413  
ggaatccatg gtgcagggca catgaggacc cccaggtaag cctgtcctga 140020463  
tggcactagc tcgtggctct ttcagcttct cgtgcattgt ggagttgtag 140020513  
agaatgacat ttatcgaaag ttcaacctca gcagtggttc caaagcttta 140020563  
ttatgctttg attttcctag gtagggtagt accaacttta cagtcaagtt 140020613  
tcaatcgaca gaaaaatgag agtctgaaaa atgatatact ttttctttta 140020663  
aagaacactg tatcggccgg gcacggtggc tcacacctgt aatcccagca 140020713  
ctttgggagg ctgaggcagg tggattgcct gaggtcagga gttcaagacc 140020763  
agtctggcca acatggtgaa accccatata tattaaaaat acaaaaaaat 140020813  
tagccaggct gtggtggcgg gcacctgcaa tcccaggtag ttgggaggct 140020863  
gaggcagggg aattgcttga accagcgagg tggaggttgc agtgagccaa 140020913  
gatcgcgcca ctgcacgcca gcctgggtga cagagtgaga ctccatctca 140020963  
aaaaaaacaa aaacaaaaca aaaaacactg tatattaatt ttgatcaaag 140021013  
aatcaaaaata tagaggtgat tttttttgta aaaataagta ttgtgttgc 140021063  
aagcagttca cattcaacca agcacttgca aggtcagtct cacgatcagc 140021113  
caccagcagc tgcgcattca tggctgctgg tgaagagccg tatcacctcc 140021163

ctgtgcctca gagacctctt ctgtaaaata aggaggctgg cctcgatcaa 140021213

aagaccactt gtcctctagt tgacacctga gcagctttaa gaggttgaat 140021263

gttgtataga gaacgatctt gtagaaatct

**TBXAS1 (NC\_000007.14, GRCh38) - gDNA - 2026-06-20**

