tactaacaag ccctgaggaa aaagcctgag tggcttatgt taatcattaa 52087664

acttacccat ggtcaggtct gaacttttac tctggtacac atttggctgg 52087614

GACACAAACG AGTTAGGTGA GTTATAGTCT AACGTGAGTG AGTTACCTGC 52087564

GTGGTGGCTG CAGGCTGAGC TCTAACCAGA TAACATGTCC ACGGATTCTT 52087514

GACAGAGAGA AATAAGATCA CTTAGAAAGA AAGGATCATT TCTCCCTTGA 52087464

GTCACAAGGA GACAGAAACA GAAAAAAAAG gtactgtttg atccagaaaa 52087414

gtctctgctc tctgttttct aggtgttgta tctcttgtta acgttctggt 52087364

gaacaaaagg aagaaatggg agatctatag tagtgccttg caactttgtc 52087314

cctcgatgtc ccaaaggaga agctgagagg gaagggagga agaagggaag 52087264

agggagtgag agcagagaga ggagagagag agaggagaac aaaaacatga 52087214

ctaaataaat gcacacagct ctcctctgtg gttgaaaaat tttagttatg 52087164

agaaataaag agagtctgag tttattttta ggaagaatta gtggatagac 52087114

taataaaaaa ttacatttat aattgacatg aaaaagatgc agttccaaat 52087064

gtagggtttt aagaaaacca gtgtgcgaat gtttatttct attgttctga 52087014

gcttgggagt aggcattaag aagaaatgtt aaaatcacgt agccagattg 52086964

aaaatagact ctcctgtgct gagtatattt tgtctgtgta acaagcaagt 52086914

cagatctcat gcttttggac taagcagcaa atacgcttgg gtacttttcc 52086864

ctatgtggta gatgtattct gaaagttgta tatttataag ttgaattcta 52086814

tttcaaatag acgtaaaagt ttgggaattt tgcaacgaaa aggaacactt 52086764

gctgaatcca cttgaaaata ctagaattcc tttcttaaat ccaagtagcc 52086714

tccacactta ccctatctgg taatgactcg ggggcaggta catagattgt 52086664

ttgttttccc aacttttagt atagtgctta gcacgtagtg ggcatacaat 52086614

aaatgtttgc agtgttgaat taaatagaaa tgattataga tttccagctg 52086564

tctcaatcag aacatgcccg taaggtgagt ttattgcaaa gtttttgcag 52086514

attttttttt tgaggggggg agtatattgt agcttttata ttttcagaaa 52086464

tgatgtaact acttctgcta atctcagtgt tttcttaaaa atataaatta 52086414

aatggccagg tgtggtggtt catgcctgta atcccagcac tttgggaggc 52086364

tgaggcaggg agatcacttg aggccaggag ttcaagacca gtctggctat 52086314

catggtgaaa acctgtctct acaaaaaatt caaaaattag ccgggtgtgg 52086264

tggcgcacac ctgtaatccc agctactcag gaggctgagg cataagaatc 52086214

acttgaacct gggagatgga ggttgcagtg aactgacatc atgccactgc 52086164

actccagccc aaatgacaga atgagaccct gccacacaca cacacataca 52086114

cacacacttt gtgtgtgtgt atgtgtgtgt gtgtatgtag gtatgtatat 52086064

atatattaaa tatatttata tatttatatg taataaacat aaacataatt 52086014

aaatatatat taaacgtgta tttagtagta catgtgggtg tttaattctg 52085964

taattttcaa actttcagaa aatttcagag gcactatttt taagaggatt 52085914

ttgtcgatgc cctctgccat gaggtgctgg agagcagctc agcactttcc 52085864

ttagagcagg catgagagtg aaagctgttc atctcagatt aggtaaaccc 52085814

agatttaggg tattcaaata tgtcttcatc cactccaatg tactgagcgc 52085764

tgtgtgggac cttcacactt tcacactagg aaggctgtgg aaatagaaga 52085714

ctggttcctg ggtctcttca aggaacgtgc cgtctggaag aagaggccta 52085664

tgtgtgccac attatctggt ctaggctcta cagcacggaa gttagaggtt 52085614

cagggggaag gtggtgagca ctggaatggc ggaggaaaga atcagctgag 52085564

gaggggctcc tgagcagcac cacgaaggtg cgccaggatc tcctgaggcc 52085514

acggagagag ttgagggcat ccaggaaggg accagcaggg gccaaggcag 52085464

aggctgatgt gtggaaggct tgtctgagtg acggtgagaa cggcgtgtgg 52085414

ctgcagtgta gggttcaaac tggagagcag cacgagggaa agctggacgc 52085364

cagcacaggg caaagcaaaa cagacttcac cctatcacga actagaattt 52085314

taatttctag aattcttttt aaaactcagc ttctgttcaa taatgagtta 52085264

atgaaagagg ttattattta tccagcttaa aataagttgg tgggacaagg 52085214

agggcagagt ggggatgatt ttatgcaagg ttctcagatg atccttttct 52085164

cctgagcttg gaaaaatggt ggctccattt gaagacacta aggccatgtt 52085114

tatctcatct ccttaatttc ccaggtttca gaacagcaaa ataatcgtat 52085064

gtaaacaaaa tgataatttt tttttgcttt ttttgttttt ataaagCACA 52085014

AAAGCTATGC TGCTCCAATC AAAACTGAAA ATGCTTTTAA TGTCTGAGCA 52084964

ATCTTAAGAG TATTGATTTA AGTGGACAGA ATGACTGCCT GGCTGATCTC 52084914

TCTGATGAGT ATTGAAGTAC TACTTTTGGC AGgtcagtag aatgtgtttt 52084864

gaaggaatta taggtaagaa cacaataggt taccttgaga actattattg 52084814

aaacttaaag taatattttg gttgtatacc ataaatatat gcatttttaa 52084764

cttgccaatc aaaaaattga gttaaaaata ctgttttcag agcaggtgtt 52084714

aaggtatttg cttttgggtt taaattatat gttgaataat tgtttttatt 52084664

ttctgtttaa cagctgaggt tatatactga aatgttatga ctatatactt 52084614

caatttttaa tggtcagtga agattattgt tgtagtgcag agcttttaat 52084564

aataacttat aacctttctt ttataattcc ttttgggcta tgtgatgtaa 52084514

ttctttttag attttgctgt cggactttcc caaagagatt aacttgtcat 52084464

aatcattaga ttgcttgtat tatctcaaat catctgttca attttctctg 52084414

cgaatttggt tatcctctgt atctttttat ggcctttgtt ttggggcttc 52084364

tttagataga agtatctaat catctttgga agatggtcta gtctggctgg 52084314

ggctgccata aatggttgtg ctaatgtgac gtggttcccc accaccttca 52084264

gatgtgaagt gcatcatgag aataactgta cagggaagtc ctgggctaga 52084214

cacagtttct tctaaagaaa ctataaataa ttctgtcggt aacactttcc 52084164

ttgtttatta cctcactgag cagctgcatg atttttgctg gcttccttaa 52084114

cttggccttt ccttcatcaa gacttgtcca ggaacatctt caaagatgga 52084064

gggatagatt aaggcccatg cttagctggt gatctataca ggagaatcca 52084014

atctagccta gtatataaat tctatactgc cttttttttt tttaaacaaa 52083964

aggaaattcc agcaatgatc catgcttcac cccctctcta agcaggcaag 52083914

gcaagaatct agataatttt gtattcattt gggaagtcat tctgatcatg 52083864

agggaaaact agtatattaa gcagtatatt gagcaggaga attgaaatag 52083814

gaacagcttc tattaggttg gtgcaaaagt aatcgcggtt ttgccattaa 52083764

aaggaatgca aaacagcaat tgcttttgca ccaacctaat ggaagtcctt 52083714

ttttctctcc aggactggaa atgattgatg atctttacag ggaaatatgg 52083664

ccacctgatt aaagagtggg aaagagagca gagagagaca gtatgggttt 52083614

gattaggacc caaatatgtc cttgaggctc tttccaaagg aagtagaaat 52083564

tcagaattgt cctgatgagt gcagggtttt tgaatgtcta agataagaag 52083514

aatttgtcaa aattttcctt aaaatggggc ttctgatgat gtgtttccca 52083464

caccagcagc acctggttag aaatgtagat tcttgggcct gccccagacc 52083414

tacggaacca gaaactctgg ggatgtggtg caaccacctg tgcttaatca 52083364

agcctttctg gtgattctga ggcaggttaa atattgctta aaatattgca 52083314

gaaggtagtg gtttgaatct gaccttcaaa accaatgttt tttttcactt 52083264

acttacagTA CGTCACCTGA GTTTACATAT TGAACCTGAA GAAGGTAGCC 52083214

TTGCAGGGGG AACGTGGATC ACAGTCATTT TTGATGgtag gttggggttt 52083164

taccaagtgc acatttctta tgtattgacc cacaatccta aagactatga 52083114

gtctttggtt ttcttccttt tctaaggaca ggtgtaaaag tgggcctgaa 52083064

gggagacgaa cagactgacc aacttctgtc tttctagata ctggcttgct 52083014

aatgtcacag aagcaaagca cagcatacca tgacaactct gtgtccactt 52082964

tcccattcca ggctgtggga tgggactctg ggatttctac atgagatgat 52082914

atggaagtgt gtagcatagt gctcagcaat gcatctccca gaatcttggc 52082864

tatcttcctt aaagacagtc ctctacttgg gagcttctgc accattgctt 52082814

agcatatcca tccccagcag agtaaagagt aaatctgagg gctgaaaaat 52082764

tcttttctgg atttaggtga acctgaagag agaaaactct ttcataaaat 52082714

cataaatgag aaaactcctt tatacagcat ctatgaggaa atgaggagta 52082664

ttaatttaat ccttgggcaa atttaatgtc ttacattacc cccaggatct 52082614

tagcacagtt tcacactgtc ctgtgtcaat gacaattcta tgcagcctga 52082564

gatttctttc ccttgtgtta gGTTTGGAGT TGGGTGTTCT TTACCCCAAC 52082514

AATGGCTCTC AATTGGAGAT ACACCTGGTG AACGTGAACA TGGTGGTGCC 52082464

CGCACTGCGG AGTGTTCCCT GTGACGTCTT TCCTGTTTTC TTGGATTTGC 52082414

CTGTGGTGAC ATGCCGGACC AGgtatacct gtctgggaat aggaagacca 52082364

gacaggatga gggatttttg cttatctcag tatcttttgg tgacatatta 52082314

gagcaatttt tgctgtgatt caattgccag ccatagttgt taaaaaaagt 52082264

ttcatgtgaa tatgctttct aaaaggtccc tatctggggt ctagaactta 52082214

acggaggatg agagtatggg gaagaacttt gagatattcg taaggagggg 52082164

ctggattgtg tttccatttg tttttttttg caaagagttc tatggctatt 52082114

aagattttaa taaatggtac cattttgcca ttgcaaatac tcatcttttg 52082064

gaataggcat aattgcaatg attgcacata aaccccaaac tggttagaaa 52082014

agaaatttgc tttaggctct gtttgctgag tttgacatta cctctattta 52081964

gaaaatattt ttataagact ccagggaatc tgtttttcta ctcaacttct 52081914

tgttgccctg tgaaatttag actagttcat gttcattttt atttactcat 52081864

gtcttaggca tgagtaaata aagtgcatgc aagtagatga ttggttaaga 52081814

gaaaaaaaac actgttattt ccttttcttt tctgttctct ctttgaggaa 52081764

gtctccccct cttccatgtt tggctatgga aatcaccaac cataccacaa 52081714

atgccacctt ttccctgaac attcaactaa gttatctttc ccttttttga 52081664

aaggagaagg aacaacttgt agtaattcat ccacagggtg tatgtgtgtg 52081614

tacccacact tttctgtgca attcatcacc ccgaagggat tttttttttt 52081564

tgtaatttac acaaaggtac agcacgtgta gccttagtga ccctgtgcct 52081514

cagctctgag ttttcataac acttatatgt cagttaccca cttgtcagac 52081464

tcctcctcac agaattaagt gctttgaggg caggggatgt gtttaatttc 52081414

accattgtag tcctcatgat gcattgcgca atatcttacg agtagaggat 52081364

gttcaataaa tgtctgttga atttaacatt tttataccac tactattggt 52081314

tttaaaactg ggttatatat ttcccttaga ttttatggca catttgggca 52081264

tagacattct gcaaagactt gccatgaaac aagtcaaagc tctggagatt 52081214

tacatgtcct atctccttta tcccaacata ctaatgattt ttggatgcac 52081164

cattgatttt atgtcatctt tttaaagaaa agaaatatga tcctattaaa 52081114

tatactaatt gattggaaga caaatatcag attcaattaa gtgtgaaaaa 52081064

tgtacagttt ttcatgaaca aaatatgtct tattcatcat tatcataaaa 52081014

acatgtacat aattgttttc tctaaaacag ccattgcagc atcaaaagca 52080964

gcacttcaca atcaaaatat aatgtgaaca caaatgtaat ttaaaatttt 52080914

ctatttagcc acttgaaaaa gtcaaaagaa acaagtgaaa ttaatttaat 52080864

aatgtatttt atttaactca acatatctaa aatattattt caatatgtaa 52080814

tctatataaa ttaataatga gatactttta tatctttttt gtataccaag 52080764

tcttcaaaat ttagtgtgca tgttataatc atggcatatc ttaattggga 52080714

ctacccacat atcaagtgct tgataagcac ataagactag tggctaacac 52080664

aatggacaat tcagatctaa atatttaagg tcatactaaa gattttgttg 52080614

ggaaggtttg gagaggaggc atgtcttaaa tatggtttct ttcttattag 52080564

tcatattctt cctcttacaa aaatcaacat ggatgtcagc atcaggtggc 52080514

aatgaagcca ctgcaatatt tgtataaaga ggagagaaga tccaagactc 52080464

tgttttgatg gctacatgaa gtatttatgg gctgcttgga caattatcag 52080414

aaagagccta aattcaagcc ccactttgcc cttaacgttt gaagctcata 52080364

cacataagtc tcttagtttt tctgacattt tttgaaacat ggaaatgggg 52080314

aatagattat caaagtctct tctaattctt aaagtccaat gaacctatga 52080264

ttttgagaaa catgacatat taaaaacaat tcagggagtt tcaacacaaa 52080214

aaatcataac ttttttttgc tgaaggaccc agttcttaaa gtctaataat 52080164

tatgagtgga tcaaagaggt gaaaggtgac tgctgggaat ccttggttag 52080114

ctctgtttta aaagtgcaag gaggaaattt gaagtggcaa gtgggctgct 52080064

agctttggga attcatggtt tttgattcat aaggatttcc actttctgtc 52080014

ctcagATCTG TGCTGTCTGA AGCACATGAG GGTCTGTACT TCCTGGAAGC 52079964

ATACTTCGGG GGACAGCTGG TAAGCAGTCC AAATCCAGGA CCACGAGATA 52079914

GCTGTACTTT CAAGgtgggt tctaaggctg gaggaaggta tgtttacata 52079864

gtctaagggt gtgcttgtgt tattgaaagg caaattgtaa atgagccagc 52079814

gtgtctgctt gaccgggtta aaagaaaatg gtggatggta atgacagagt 52079764

ttcttatatt atactaatga aagatgaatt ttgaacgttt gtatgtcagc 52079714

ctttagctaa atgctttatg tacatcattt gattcaatgc tcacaatttt 52079664

atggggtagc tatttactgt cctgttttta caaatgaaca atctgaggct 52079614

cagggtgatt aaataatttg cccatgtcat caggcagtaa atggcagaac 52079564

caagacttca acttgcatct ggttctaaat tctcatcaaa atagaagccc 52079514

atagaggggc caccaagatt acttttgtgg gtgtttcatt ttacagctca 52079464

gatcatgctg agtctcagca tgttgaagag actcaaggcc ccacgttcct 52079414

tggtgaggag acccaatttc tacctctctc cctgcttcct ggtatatttc 52079364

tgctaagtct ttccaacact gaaccaaaag ggcatttgct gctggaattc 52079314

tccttcatgc tcagggagat caaaaaggaa gtagagagag agtgtttagg 52079264

aagccatgcc tgacttattt tacagccttg atacctatac tgggagttca 52079214

tttatatttg gttcagtctg ttgttcattt cagattagtt ttaaacaatc 52079164

tctgaaaagg tcctagatgg tttatgaaag gcagagattt ggcggtactc 52079114

ctgtcgatgt ggttgccctt cacatggggt acctctgttt aagagctgtt 52079064

tcaaaacata caatgcagtc actaatgaat gctccttcgg aataaggctt 52079014

caccttgtaa atttgtctct cctacgatcc gtgtttcata taggctattt 52078964

ggttttgaaa tttggaattt gctgttgttt caggtttaat aacttgtttc 52078914

ttaatccaag agaatcttgt tttctggaat tttgcttttg cacatatgca 52078864

gcagaaagaa aaaacattat atcattcttt tttactaaga gctgcaccac 52078814

cacctctatc ctgtctcagg gaacataaca gaagagagaa gtccaagcat 52078764

taatcaccat gatccttttc accccagatg gtagttttcc tgcttattaa 52078714

aagattggtt aggagcgaga gggggaaata agagaaacgt ttcctaaaat 52078664

tgcacatgaa agaaaacaag tccgtcagtg gttcaactat cttggcaagt 52078614

tgatgaaaaa tcaccagggg atgcagttaa tgagaggcat tccaggctaa 52078564

ataaaacacg gcgtgtctct ttgttttggg actgggactg gggaaccatg 52078514

agtattaaaa attaatccca tcttgccagt ccactgcaaa gagcctgctg 52078464

tgggcgctga caagtttgaa taactcacag aaggttgatc acacagctgg 52078414

tggctgcagc tttctcatcc taatctgctg catttcctct cccctctttt 52078364

gcttctactg accacactgg ggcccgagga tcagcatgcg ggaagcttga 52078314

tttggaagct cattaatttt tcactttgtc atgtctctag cctggtgggt 52078264

gaccaggggc ctgtttctct tagaaacgta ccatgttatg ttgtgtcagc 52078214

tcagagagaa tcacaagtga agcccttttt gaggtttaac cccaagcctg 52078164

ccccaccacg atctcacgag ctgggaggga gtaataaagg agttgctgtg 52078114

tttcccatgg aagtctggta gaaggattat agactgagtg gtggctctta 52078064

gatttcaggt tgaaatagag aggtatgctt ccttatttgg tttggactca 52078014

gttgttccag ctgcctcagg ttctaaacat ctgtgaaata ggtcaataac 52077964

cactactgta cttcactaag ctcctatgat atagtccagt tgaaataatg 52077914

ttgatatgaa ggcctagggg cagtggttgg ctgggagggt ggggtgggga 52077864

ctgaatgttt ggcaggtgtg tgtgtaactg tattaatctt tatcttttgg 52077814

tgagatcaga gccagttccc aagctgtgaa gtaacaacat tgttattttg 52077764

accccctgac accacatatt ttctgtgaac tattttctaa ccctttcctt 52077714

tagacagtga ggaaactagc cttcatggca gactatacag catatggatc 52077664

aatacttaaa acctacgcct ggcaagccac catcagcttt gttgaaatgt 52077614

ctgttgattc tcaatctgat taaggctgtt gattaacaac cgagttattc 52077564

tttggtgatg ttctctctgg gaaggtagac tcctgaggtg ctggaagcag 52077514

accaaacaaa acaatttgct gctgtaattt gttttgcaaa tgggaagcac 52077464

tgtaggttgt gtggaatggt ggtagtctag gcatctagaa gggattgggg 52077414

gaggggaggg aaggggagac taggtctctt cctaggtaag taattggctc 52077364

acaggtcaag ccttggtctg gccagttcat ccttaagctt tcctgtttct 52077314

tcatactggc cctgctgtga tttcctgatg gagtaatgca ctaatcttag 52077264

actaacacag atgcctacag gtgagatgga gttcctggga ttgcctcgtt 52077214

ctcacctctc cttccaggca gtatatcagt catcccagat tgggtgactc 52077164

ttttcattca caaaaattcg aatgtcgtct gcataccagt ctatgcacag 52077114

agacacagca gcgactcagt caagcattgt ccctgccttt gtggagctta 52077064

tggttaacag agggtgtgct ttggggacag ggggcattgt aagatgattt 52077014

ggaatgctac cgccaggctt tctcaggctc tcactgctcc cattgaggct 52076964

gctttcctcc tccttgaaga acaatgttgc ttcccattcc ttgaatcttt 52076914

tgagtcattt ccctcacagc aggtatcttc agtttcccta gtaagcacct 52076864

cagttgtgtg cctatccagt ttctcatttt tttgtagctt actgatacct 52076814

accaaggtgc tggctgataa tgatttgaag ttttgattca attaaataag 52076764

tgcattcctt tctagaaaaa tcaaaatctt caaggcccca aaacatcaaa 52076714

ttacaatgga attaaaagac tgacattctg cacaaagacc tgtctacctt 52076664

tccttctagt aaaatgtgtt cttgggtatg gaaggtgggc aggtagaaac 52076614

aggcttgtca aggtttggac aatatggtac agaatagagg gctatgtgac 52076564

cttaatcaaa ttacctctac ctcatctata ggagaaatat gataatatct 52076514

atcatttctg tttcatagaa atattacaaa gataaaaaga actagacaga 52076464

tgtgagggtg acatgagtaa atataagcat ttattacctt caagtaatgc 52076414

tgtctgagga aaggcttgtg cctcctgtgt ttgtgaatat tttaatgaca 52076364

tgctcacttg tggtactatt ttctaaacag TTTTCCAAGG CGCAGACACC 52076314

CATCGTTCAC CAAGTTTATC CACCAAGTGG TGTTCCAGgt aagaaatctt 52076264

ctattaaaat aggaataatt gtgaatctgt ttgccaaagc ttgttgcaaa 52076214

cctaggtgag tggtttttat gagtgggaaa atttaacttc ttctttgatg 52076164

ctgttttgaa aataagagtc aacctctggt tcatttttaa cgtgctttgg 52076114

ttttacctct gggcactttt gctctattac ttcactgata acaaaaggaa 52076064

tccaaacatg aaaagaaaaa gaggacagca aaatcaaatg agttgatgtt 52076014

ggagactgga ggaaagagga gtcatccttg cttttaactt tataatcatt 52075964

cccataataa taaaccttta ttaaactgtg tgccaggctc cagtctaagc 52075914

tcttcagata tcttactaga tcctcgccaa aacctgataa tagaagagct 52075864

atttttattc ccattttgca gttgaagaaa tgaggtagca aaaggttaag 52075814

aaatttgccg aaagtcatat agatactaaa taccacagct gagatttgaa 52075764

ccagacagcc agaatccaga gtggcccata tatccaccat tctgtcatat 52075714

tttgagcagc attggatgcc acttggaagg tcattaactc tagtcttcat 52075664

ctaggggttt tgtttataaa gttagagagc acacagatat ttaaaagcca 52075614

ggaggataga aaagaagatt atataaagct gggggattta cataaaagaa 52075564

gggattgcaa ctgagaagtg gattcaggaa ttgctaaatc tgccttaaaa 52075514

ctaagtagca aacacaacta ggattatata taatttgctg tctgattcct 52075464

gccaaattcc tacctttatt taaggttttc catttgttag agtttccaaa 52075414

atggtaagag tgtgctaaaa agttgctaaa tttttattat agttgtgtct 52075364

aaatgcatag acggatcttg ttgttttgat tggctcaact gctcaagcat 52075314

gtcaaaatga agatctaagt tattgaaaag cgttttatat tttctgtgtt 52075264

tgtgtgtata gacacagatt atgtatgagt gaatttaaat tatatttcag 52075214

agaatatgaa tttggcatgc tcttgctcat gtgggttttt cacagatctg 52075164

ctcctttcca tttgtctgaa tcattgggac ctgatatttt atgaaagagg 52075114

gatgtggtct gtgaaaatca catgcagaca tgtgggtccc tgctgctctg 52075064

atgttagaaa ctcctgtgta gatggcagaa gtcttgttag ggtgagggat 52075014

gaggaagcag acagccatta gaggtgtgaa atggaatgtc agctggcgcc 52074964

cagatctgcc aagcccattt cttccaccaa gttggagttc tgctcggtgt 52074914

ctcttccacc ttctggggaa aggattggtg gcgggctggg ttggagtggt 52074864

cccccctggg caggatccat acgactgcat ctttgtaatc actttccaga 52074814

tgaatactct catttcattt gggaagcctg cccagtgtag cagccaggga 52074764

gatgggggag gtggtaggga caagagagac gatgctttct gagcagttgg 52074714

gtttctatac gtggttagca gtccttcact acgacatgga atcccccatc 52074664

accgtgctct ggtgtggcca tttgtcagcc tgtgctggcc atcttcgttt 52074614

agaaacaaaa caaaaaccca cagaaattcc taatttctac agtcttttgt 52074564

tagttttaaa attgtgcctg tcaaagctag aagtcatact caccaaggct 52074514

agggaatcga tcatttagcc ctattaaaat tagaattatt ctgccagatt 52074464

ttttttagca gtaacaggaa acttgagact ctggatttct gccaactctg 52074414

tgacctttgc ctgtcattag gtcattctac ccatgcacct ataaaattgt 52074364

ggctgtaata ccttccgaaa gatttctgtt gttttagtga gagtcatcca 52074314

atgagtgcag atgaaagtca cttcttacta ataacacaca agtgcagtag 52074264

gaagggaaca tcttttttgt cacattcttt ggtggcattc agtgtctata 52074214

aagaggctca gtcttctgga tttcatgacc tcatgagtcc ctcagtatgc 52074164

ttttctcttc tattccttga ggtttatctc actaaccaac attcttttat 52074114

ctctaaacat tgtctgtgat ggtttaagta tacatggtta aatattctaa 52074064

ttatttggaa ggcacatact tgggatccct gaagacccat cagattgtgt 52074014

gatatgagcc tcttcatatc acatgttcat tttagcaaat gcccagagga 52073964

aagtctcatg aagcctggag cacccaaggc acattgtcct taaatctcgt 52073914

gttgggtaga tggtctccac agagccaaga gaatggaaca gggcagtgtg 52073864

tggagatgag cccctccttt ctgaaatgtt cacacaatct gagactgtga 52073814

agaagaccca ttattccttc tatgctccat gcattagaag attaagtctg 52073764

tgattgaaac aattgcttat tttagctttt atattgtgta atattgatca 52073714

ctaaatcata cccttgacct tactgttgta caatttatta aaagtattaa 52073664

ttttctgggc catgacctgc tttgccatat tgagtatata caaccaaaaa 52073614

gaaacatggt tttttattat acattgagtt tgagctaagt ccattaaatt 52073564

aaaaaaattc ttcttcaaac agGAAAACTA ATACATGTAT ATGGCTGGAT 52073514

TATCACTGGA AGATTGGAAA CTTTTGATTT TGATGCTGAG TACATTGATA 52073464

Ggtaagtgtg tgtttgtttt tgtgtttaac tagttacata catgctgcat 52073414

ggcttcctgg gaccagcttc cctgatggca ataaattgta agcagttggc 52073364

acagaattgc tattttcctt tttgcagttt atggtccctc atgagctggg 52073314

cttcagcaaa ctttgttaat gtaattgcaa ctggtcaatt aagttggtcc 52073264

atttatttac tgacaactag tcactctggg ctcagtgtga aatgaactgt 52073214

aattgcatct gtggattttc tttttgaatt ctcacccttc cttcctttgt 52073164

ttctcagcct gaaatagatt ctttataaaa tgatgtgtaa acccaaaagc 52073114

ccattataac tttcttattt ggttgttatc catttgtgct ttaaaaattg 52073064

tattagtggg gtcagaggaa aacatggaca caggtattaa aagccataga 52073014

gcttttaatg ttttctggga atgattagga tgtcaacatg actttcttca 52072964

ctggagacgt ggtggaaagt gttactatta aatcatccac actggagaga 52072914

gagaacaaga caaaaagtgt tgaaattgta gaggctgtag gaagctctaa 52072864

gcaactgtaa tcattcaaca aatgaagcaa ttgtactgag catttataag 52072814

gtagaaggaa aatgatctta ctatatactc agctgcatag attccataca 52072764

tggtgtctaa tttttccttc actctggatg ggttgggggc atcctcttct 52072714

gttctactcc atctgtctga ttttgcccta gttgaagaga atatgatctt 52072664

attactctca ggattgacat ttctggcatt aagcaatggt caacttacct 52072614

tacaagaaaa ctactcttct tgtggggggt agaaactcct actacatcct 52072564

tgggaatgtg ccatattttg ctaggtgatc ccatctcagc cttggtctgg 52072514

gatacagcct ttgaaagggg gaataaaggc ataaatgcaa tattatctct 52072464

gtgtagaatc aatatagcca gtgtggagat gatgaaggtt ttttgggaag 52072414

ggagaactat tttctgttta gtgtgaaagc atgagccatg agtgcatccc 52072364

tactctctgc tgagaatttg acttgacatc cgccttcagc cacctgcaat 52072314

agtgcagaaa aatccagagg agagtgttca tagccatgtt tcctctgagt 52072264

tttgtgagga atgtttattg ggagtattgc acaattatct cttgtctttt 52072214

gttttcattt ttttttaaat ccagCCCAGT GATCTTGGAA GCTCAAGGAG 52072164

ACAAATGGGT TACTCCTTGC TCTCTTATAA ATAGGCAGAT GGGAAGCTGg 52072114

tgagtgtctt attatcttgc caatgcacat gcttgtaagt tcgtccacat 52072064

ggatacaaca cacacacatt ctctctcttt ctctccccac tcaccatata 52072014

tctgtttttt taaaatataa atcacacata gctatttact accttatctt 52071964

tagactactg aaaaagacac agggattgat tcaaagtgcg tattgaagtg 52071914

gatgccaaaa ccttccttga aaacacatag ctaatacttg ttaggggctt 52071864

accataggcc aagctctgct cgaatgcttt acattgaagt cacccaataa 52071814

tcttgggagt atgtatggtt attagtctca cattatagat gaggaatttg 52071764

agacacagaa aagttaagta acttgcacaa ggtctcacag agagcaagtg 52071714

gcagacctgg gatttgaacc ctgtctaact aatcatcccc tagagttcat 52071664

gatcttaacc actatacttc agtgactagc caaaggtaaa aataataaaa 52071614

aatttagaaa taagtttcta cactctccag tttaaatacc caatgttttg 52071564

ctggattttt acttcactct ggacagggtg tgttgcccct cctttgaggc 52071514

cattacaaga atgatactct atggtttcac tttttcagac tggtgtgtat 52071464

tctgcccttg tgtgtagtct tccttgtgtc tgcattttgt ttgctcagaa 52071414

ttgtccttta tggggttcat acttgataac agatttttta aaaataaagg 52071364

ttttgttata cttgtcatat gacacatttg aaaagaaagg accaaatgct 52071314

taaggtagta ctagttagca ctagggcaaa tgcttagggt attactaact 52071264

agtatatata aagggtaata ctagttagta ttaccctaag catttgccct 52071214

aatgaactca ttatactttc tctgtctacc attttctcta gcaaatttgg 52071164

ttttcttttg ctttctactt tcctggttaa agagtcagat cttctggtag 52071114

tgagttgtct ggtcattctt acctcagttt gtcttttcct tagTTATCCT 52071064

ATTCAGGAGG ACCATGGTCT TGGGACTCTG CAGTGCCATG TGGAAGGCGA 52071014

CTACATCGgt ctgttagaga agtaacataa ttttaaagtc ttatccattt 52070964

ctttctctgt atccggacaa aagcaattgc aagattggtt ctcatgagga 52070914

taataataat aacaataatt actatttgtt aagaattccc tggaaaatac 52070864

tactatatga aacagctcat atagaaacta atttaatgct cacatacacc 52070814

tgtgaagttg gtggtattat ttttggcttt gcaggtgaga aaaattgaag 52070764

ttagttacca gtaaatcaat atttaaatgg tgctccatct aactcgaagc 52070714

ctgggctctt ccctgctatg caatactgca tttgcccttt tattgctaga 52070664

agtccacatt gctaatgatg ctaaacttat gaggtgtttt ttttttgttt 52070614

ttgttttttt gtttgtttgt ttgtttttgc gggggggaac cactaaagaa 52070564

attacaggtt tgggtggtaa tttgatgata ttggagtctt tgggcttatg 52070514

aaagcaatgg cctggcccag aagactcgtg cagattcctg agttaatgtg 52070464

tgtttctttg tgttacagGC TCCCAGAATG TTAGCTTCTC AGTATTTAAC 52070414

AAAGGAAAgt aagtaactgg gtatagaaat aggcaaattt gtcttcattt 52070364

tatattacct atctctctca tcttgcttac tttctttatc tttttatgac 52070314

ggaaaatgtt aaacatataa aaacagaata gtataatgag accacatata 52070264

actccttgac ttttttacct gggtgaatga agttgtgtcc tcttcactaa 52070214

tctgtaggca atgtgtgttt caatatggtg gtgttgcaga attttgggaa 52070164

ttaaatctta agtaatttca aagtactgta ggttgaaaac tgtcacaagt 52070114

atcttataag gaacatggtt tcatgaaata cattgtacca tctaggaagt 52070064

gccttcttga aaatggaagg ggtccacatt ttatcacact ttgaagtgat 52070014

aaattagcat tctggaattc tgaatcctta ccttatattt tgcccctaca 52069964

taatttgaca ggtgtttctg ttaaaagcgt agggtctaat tgataataat 52069914

tgccttgtaa tgacagtgac aattatagct atacagccca aagtatggag 52069864

attttctctc tttctcattt tggaagaaat aaaattaatg tctattgagt 52069814

attgactata ggccaactaa ggactaggcc ctttcacact catcatttca 52069764

ttgaacattt gggacatcct atgaagcagg cattattccc atatgataat 52069714

tttatatatc agaaaacaac tttgtcctgt tggtattgtt ctttagttat 52069664

ccaagggagc tgctatttca actgttctaa agatcaatag aggttagttc 52069614

ccaatcttcc tttcaggcag ccgactaaaa aaaatgcaat cccagttgat 52069564

attttcattc aaaacagaac tttgtctttt tcgaagGTCA ATGGTCCACA 52069514

AGAAGGCATG GCTGATCAGT GCTAAACAGG ATCTTTTCCT ATACCAGACA 52069464

CACTCAGgta ctatccccct tcaccaagta ccccttccct tgtgcctcac 52069414

tcaatgttgg cccctccttc cctatctttt ggccatttct tgatgaccat 52069364

taacacccga agctgtccct acaatcatag acagcctggt gtttttggtt 52069314

gagattaaat tgcttgtatc catgtcaggt ttagttaata tattaaaaga 52069264

gacttgataa taaacttcta tacaaattct atggatataa actgaataaa 52069214

agaaaggaga gtcttgcctt attctgtctt ctgaaagtaa aagaaaaaag 52069164

gtggcactta aaaagtctta aagcacatct ttccagttac tttaacatcc 52069114

atctctgagc attcattcaa taatttatga ctaatattga tattaagctg 52069064

ttctgttgcc atctgatgag taaaccctca tactaaaaaa atgaatgtga 52069014

aaattggaag cttgcttgga attgtgaact cgatttggta gtagaaagct 52068964

ggctactaaa gaatacttag attctagaat ggaatacagt cacacagcca 52068914

ctgaagaaat gtctgtgggg ttggttcaga ttccagaagc aatcaaaatc 52068864

tacctttgtc aaaagtgcaa gataattcac aggtcatgga gaaaatgtca 52068814

tttactctct agatagccta atcctgcaac agctgcattt tgaccctgat 52068764

ttttcctttc tttcaacagt attgctagtc tatttggggt aagtttgaag 52068714

aagcgcccaa ggtgatggtg ataacgatag ctgctataga aagaatgtca 52068664

gaccttgtta agtgtcttac atacaatctc aatattaatt tcacttaact 52068614

atgagatgga ttaacattag ccccatttta cagataagga aacagactca 52068564

gataaacaaa gtatcttgtc caaagccaaa ggtcttagag ctagaatgtg 52068514

tagttctaat tccaaatctt atgtccatag ccaatatatg gtgggaagca 52068464

cactcttctt gccactccac tccaaggttt ttgtgagcct gcccattgct 52068414

atcaaaccct agaatgactg ataggctgac aggtatctct gatgacacag 52068364

ctcttttaca tttccagggc agtgtcttct tgggatcagg actcacaggc 52068314

cagaacttct tcacagcaga gcaggctgta ggaagagagg gtgtagacag 52068264

ccatgaagag ccctgggctg agctcctcag gggctgacat tcaatcacta 52068214

gttaagcctt ttaagctttt tgagccttaa ttaagcatct ctaaaactga 52068164

caaagtggtg cttatccttc ttattccaaa agtcgtctaa agaggtagag 52068114

gagcaagaat cttggaattc atctaaaatt tctccttcct cctcctttcc 52068064

atatctgttc aatcaccaat ttctgccagt tttctctctt atttatgatg 52068014

tatctgtaca gcaactctcc atttctggac cccatcacct cttgtgttac 52067964

atgctgcagt ggtttctaga ggccctgact tgccctctgc cccttcaagc 52067914

ccctccctgg ctttctctac atcaagcata tatctgatgc atggttcctt 52067864

cctattcacc atcctcttat ggcttgctat cccctactgg aaatggggca 52067814

aacttctgac ctcctccttg tctgtttctc cagctttatc tctgtctctc 52067764

atactccagc cacacttaac atgcactgtg caatttcttc tgtccacact 52067714

caggctatct tttgctttaa atgccctctc cttctcctct tcgctaggcc 52067664

acttctaatt catcctttaa gactcagatt agtgtcatct ctaaacattt 52067614

tcttctacac ctcaatactc ccatcctact cccaaagttc tctattcttt 52067564

catatactct ctaatttctc cgacccaagg tattaaatga tagttttgca 52067514

tacctgcctt accatgctga tcttctcgag gacaggaact attttgtatt 52067464

catctttata ttcctagtac catataatag gtgctctgtg aatgttgaaa 52067414

aaaattatca aatatctaca actatgttaa aagtttaaga acttcataaa 52067364

ttttgttttt gatctgtgta attttgaatg cataacaaaa gaatgtgtta 52067314

atctctacgt aaagctgata caaaattcca gtgctagtgt aaaaaaaaag 52067264

aaattataaa atagtgggtt aaaagcaggg ggttattatg gtttagtggt 52067214

gaattttggt atctgagtgt aagggatcaa tctttgcctc catatgtctc 52067164

ctctgctttg tctcatgggc aaaaagcatt ataaaataac ctcctaaaat 52067114

gtctattttt caggggtaac cattcatcat tagcttttgt accttcagtt 52067064

tacacaaaat gcaactcctc ttttctctgg agggaatgaa tcttagaaat 52067014

gtcaaagctt gatcgtagga gaggaaagaa tgagataaag ctaaattctg 52066964

aggactatgt gtcatattac tgtaggtaat ttcttttttt aaatttttta 52066914

ttttattttt tcttgagaca gggtctcgct ctgtcacgca ggctggagtg 52066864

cagtggcacc atcttggctc agtgcaacct ccgcctcctg ggttcaagca 52066814

attctcctgt ctcagcctcc caagcagctg ggattacagg tgcacaccac 52066764

ggaacccggc taatttttgt atttttagaa gagacagggt ttcaccatat 52066714

tggtcatgtt ggtctcaaac tcctgacctc aggtgatcca cctgccactc 52066664

gcttcggcct cccaaagttc tgggattaca ggcctgagtc actgtaggca 52066614

attttaaaca atcaggagca gcatgaaaga actgggtatg aggtgtgagg 52066564

tacatgtggg gaaggagcat tcagtgtggg aaagagtggg agggtcctaa 52066514

agacagtgaa attcattctt ctgcttagag caaattacag attcatatgg 52066464

gtgaactgaa gcctttccca gtgtacccaa agttgattcc tccttgtgtt 52066414

gtaacttact gttccctgac ttgtcaatat tgtccttgag gtcaggagac 52066364

agattttctg agaaaatgtc atggtactag gggcttttgc tgataccatg 52066314

aatgattcca catttcccct tcctttcaaa tattgatcct cgataatata 52066264

tacttctggt ctttttctta ttatgtgcat ttttaaatag ttattactag 52066214

aaaaaaattc aactgttgct ggacttagaa agttaaagta agaaattatt 52066164

aatatctcct attattatat tattatctag gtcatattct ggtctatatt 52066114

tggaagctta cttttttttt tttttaactc ttgcagAAAT ATTATCTGTG 52066064

TTTCCAGAAA CTGGGAGCCT TGGGGGAAGA ACAAACATCA CAATTACAGG 52066014

AGACTTTTTT GACAATTCTG CCCAGGTTAC CATTGCAGgt aactatgatg 52065964

aaatggctga aaatagttca tagttttaga tgctctagga gattatatgt 52065914

ctgtatggca tgagggatgc aggaggaagc aagctttgcc ccttctgact 52065864

catcatgttt gataagtcat gtgtttggtt gagaccaggt gggattttgg 52065814

tcctacagta catgggtcac aggaatggaa tgtcctgcag acacactcac 52065764

aatgcatagg caattccctc aggtgcccct atcttgtgag tgaagagaaa 52065714

gaaagaaata cagctccttc ttgacaaagg tttacttcta ctaaaaacag 52065664

cccctctctt cactctccct tgttagctgt cttgatatag acaagcagga 52065614

gtgggtgggc atttgctatg cagattactc tggaaatccc ccgcacccca 52065564

accttggcaa acccttttat ggacctgtct agagcctttt gttttgccag 52065514

gtcctgtagc aggtgggatg cctctgtagt tggtgacacc aagggtgtcc 52065464

tcacactgtc atgtcacact tacctcccat gctcagttag gtggttcagt 52065414

acgtccccaa tgaagagcac tccattgcat ggctttcctt ctgaatactc 52065364

cacgctgccc tatgctctgc tgctctgcac tctctctttt ctccttcaat 52065314

tggggtgaca actttcgcta ttccatccac acccagccct ttgccttaga 52065264

ataggagcct gtctacttca gtctggtctt gccatcacat ctcccgactg 52065214

cctctctctc tctctgtctc tctctctctc tctctctctc tctctatata 52065164

tatatatata tatatatata tatatatata attatacata tacccacaca 52065114

catatacata tatatgtata cctacacaca cacacataca taaatttctt 52065064

taattcgctt tagGCATTCC ATGTGATATT AGACACGTGT CTCCCAGGAA 52065014

GATTGAGTGC ACCACTCGGG CTCCAGGAAA AGATGTGAGG CTCACCACCC 52064964

CTCAGCCAGg taaggaagcc accagggctg ttcaataaac tctgaatatc 52064914

tttaatcatg atgggctggc gagtagaaat aaaagtgttt gaattctttc 52064864

tcatctattt gactggctta ctcagtgagc cctgggtcca tgataccatt 52064814

gtcaaggctc tcctttcagg aaggctctta gctttattca ggtgcttagt 52064764

gacattgcac ttctagctcc agccagctgt atggccagtg gcgtccagaa 52064714

gagaccatgg tctagaaagc ataactgccc tcaagatatt gttatagcta 52064664

ctggaagaaa cccccaaact gcccgccttc attcaatggg tcagttgcac 52064614

gtccactggc taagaagaca ggagcgttag agtgtgctct gctatgctca 52064564

aaacaacagc attagacaag gtcggagagt agggcacaat gggatgcatt 52064514

taaatatgaa tttttctctc ttgtgggcat ctgtctgctg ctttgagaaa 52064464

cagggatata ttgtgatgtt gccaccaggt tatgcctgaa gtgggcagaa 52064414

atggaggagg caagggagct tccagctgtc cttctctgtt taaagcatcc 52064364

accctacagc agcaaattaa gagcacaata ctggagcact tttctgctga 52064314

gcattagaac tgaaggctca agtgtagtca gggatgaagg gcagttggta 52064264

tgttactcag ccaagaacca caggctgcac atctgtgccc aagggcctga 52064214

cttaatggtt aaactacagg cagcgagagt caactctaga ggcacagcac 52064164

ctacaaggaa agttgcccag caggggaaga aacctttcta aagaaagggc 52064114

attcaggtgt gaaaatgcat gcaaagtttt ggcttgagaa ttctccagct 52064064

cccagatctg cagtttttac tcagggaaag cttccatcca aggaaacaaa 52064014

actactgaaa caagtaatca agataatgtg tgtttcctgt caggaaatag 52063964

agagtctgct ccctttttca gtatttcctg ctttagctac ttgggtagtg 52063914

gtaggataat ttcctgaatg cagctggttt gacagttagt gttgtccttt 52063864

atgaagggct tttgaagttt cttccacaga agctgggcga attactatgg 52063814

aaaccaattg ttctcaacca ggggcaatgt tgcccctcgg gggacacgta 52063764

gcaatgtgta gaaacatgtt tggctgttag accggaagtg gtggtggtgg 52063714

tgatgatact gacatctagt gggctgaggc tgggaaggct gctagacatt 52063664

gtgcaatgca taggacaccc cctcacaaca gttacccagc ctaaaatatc 52063614

aatagtgctg gggtggagaa accctggttt aaagtaatat tttcaaaata 52063564

tgctcttact tttctgttta ttccttatcc acctctccct tttaggagtt 52063514

gttgaggaac aacagtatta gtttaaaata ataattacca taattacctt 52063464

tattgagcac ttactgtatt ccaggctctt tgagtatata ttttcccttg 52063414

gtcctagtgt attattgcta ttttattatt ggtcccattt tgatgcatga 52063364

gaaaatgaag atgcaaggac atcaaggaat ttgctcaaag ctacacgtct 52063314

agctgggatt ccagagtttt gccttcagcc caagttagca ttcaatattg 52063264

attgcacctg tgcctttggc ctcagggttt gcttaacaca aaatataaat 52063214

taatacaata tcatttaaaa tgtcacataa tagcagcatg ccacatattt 52063164

ggctctgtgt gcaggtccac aaattgaggc catgacactt gagaaactta 52063114

aggattgcca atgttatggg gaaaaaagac tttagagaat tgaatttcac 52063064

agcagaactg ggacttaaaa gatactgaag cccacttctg gctttgggaa 52063014

gcacaaagcc aagccacgtc accagcacac agtcacattg tcctcctttt 52062964

actcagcctc agcttctgtt tgctcattca attcacattt tctccaggac 52062914

ttgattctct tttctaggaa ctcttgctaa aaaaggctaa ctcctaaccc 52062864

atggaatgtt tattactttc cggaacattt gtatttcata ttaactacag 52062814

aacctttcat ataactactc tatctggctc taggttgact tacctttaca 52062764

ggtagcatct gggtcatctt tcaccttgta atttaaaata aagtaattcc 52062714

ccaatttggg aaggtgcgcc ctgtaatgtt tatgcgatct acatgtctta 52062664

cagGCAATCG AGGGCTTCTT TTTGAAGTTG GAGATGCTGT TGAGGGACTG 52062614

GAACTGACTG AAGCCACCCC AGGGTACAGG TGGCAGATTG TCCCTAATGC 52062564

CAGTTCTCCA TTTGGGTTTT GGTCACAGGA AGGACAACCT TTCAGgtatg 52062514

ttgtaggaaa agtgggagcc cacatcaaaa gcacctttgc taacctaggt 52062464

gaggctagga gacagataag gaaggtatca agatttccag gaatttataa 52062414

cactagccaa ttcaacaaca acagagtttg acagtattct caatcagtgt 52062364

tggtcatgct agtgcaggga caaattttga tcaatatgta atatgtatat 52062314

tttccacaac ttagtttaca atctgttttg gagatgatta tcaactagaa 52062264

cattgagctg agcaggccag gagactggaa agacagcaga gtaaaacatg 52062214

ctttaggtac ctggttaaga ggtaaaacta acatctggtt gatgccaaag 52062164

aaagatccaa gaatttgccc tttgggtaca tgagggagca aagcctaggc 52062114

agcatgctgt aggaacagcc ttccagtgct gaaggtcaac ccaatggccc 52062064

ttgtatagta ggggaagctc ttgcgggttc tgtgagacat tgttttcagt 52062014

agtagtgatg gcatcatgat tctaattttc ctgtttaatg gtgtgtaatt 52061964

cctttagtct ttttagtccc ttcaaggatg tagccaaaat ttctagtatt 52061914

ctaaagtaaa cttaaaaata taaaagcttg aaaattgctt agacacactg 52061864

tttccttagt gtgttctcag tgtatatgtt gaaggatgga tcctttactg 52061814

aatgatggat ctcttttccc tttgaaatcc ttcttagaga ggatgactgt 52061764

gactcatgag tgtgaatttc agtcagtctg tgacctcctc caaatatttt 52061714

accattttat taggttggtg caaaagtaat tgcggttttt accgttgaag 52061664

gtaatggcaa aaaccgcaat tacttttgca ccaatctaat agatttcaac 52061614

tcagttgtgt aaagaaaagc ttagagaatt tttaggcatt gaataagcca 52061564

agtagggttg gtaatctgtg agcaggaaag tgtctcctga agccttactt 52061514

actaggtact taaccatgag tttatggttt taaagtggca gttaaggctg 52061464

gatgctatgg cttgagcctg taatcccatc tacttgggag gctgagacag 52061414

gaggatcgcc tgagtctagg agtttgggac taggccctgt ctctaaaacg 52061364

taaaaaataa aaaattagcc aggtgtgatg gtgtgcacct gtagctactt 52061314

gagaggctga agtggagaat tgtttgagct caggagttag ggctgcagcg 52061264

agccatgatc acaccactgc actccagcct gggcaacaga gtgagactct 52061214

gtctttaaac aaagaaacaa ataaacaaaa atgtggcagt taatttgtgg 52061164

tccattgtag cacctaataa ttcatattta tcatagtttt taacgaccat 52061114

ttaataatgt tcaaaggaaa atctttcagc tgcatttggt gtatttggga 52061064

gtgttaagga gtgagtcagc ctaccccaaa aggcaaaaga acattttgac 52061014

ttctatagta agtgttgcag ggtatgtccc tttaactgcc attttgagga 52060964

accacaagcc aggtagtaac taattttcca ttccctctct cattaatctc 52060914

tttaaaatct aaaaatttta aattaaaaaa ttaaaatatt catttattgg 52060864

taagttaata taattatatt gtggactttt aaagtagtta tgtttgaagc 52060814

tatttttagg tatgaaatta tctcaaaaat aaagataatg tatgtacatt 52060764

aaagcaaaat ttaaaaacat ctttatattg atcatctgaa gatttaagaa 52060714

aatagcatta tcagaaaata ttcttggtat ttatttacag agtctaatca 52060664

gttctttaac tatatctgcc tataatatta ggttgctgga atttaaatat 52060614

taaaaatatt atcttttaaa aaatgtttta tgaaattgcc tgtaatcttc 52060564

ttcaaagttg catttgatgg gttttaattt gaaattgttg acattttgaa 52060514

ttgacgctta tctgtggatc ataatatttt taattagaaa aatgctctct 52060464

gcaggtgttg aggtagctgg taagctcaga gcaaattctc ataagcaatc 52060414

tgtctttatt tctaataata agaatagtat ttactataga ttgagcttct 52060364

accatgatcc agggcttgca atagctgtgt taggtggttt tgtcagctaa 52060314

gcttccgtat agctgtgtgc tgtggctaca actttcccaa acatgacaca 52060264

acagcaaggg tatttgtgtc cagtgtagag atgtattggg ctactgagac 52060214

taggcaggtg ctatatctct ttctagaata ttctggacaa ttgtgtggca 52060164

taagaatcag gttgttcttc tttattacca taaaagaaga caaagtacaa 52060114

gggcagtcat ttgttggttc agtgattcag gccttggtta ctcttgcttg 52060064

actctatgtt ctactttaca gAGCACGGCT CAGTGGGTTC TTTGTGGCTC 52060014

CAGAGACAAA TAATTACACT TTCTGGATTC AGGCAGATAG CCAAGCTTCC 52059964

TTGCATTTCA GTTGGTCAGA GGAACCAAGG ACTAAGgtat tcactgtctt 52059914

ctcattttcc ttttctctgt tgccagtccc atacccatga agaaagaaag 52059864

aatcaaagtt aaggctctca tgttttacag atagtttaac atgccattgg 52059814

atgatcagga actttaattg ttgaaaaaga acttgtttga atgtgaacgt 52059764

actatttatt gagcatttac tgtaagccaa atattatgct acatctttta 52059714

tagaccttgt ctctagtttt cactgcatct ctgcaaaatg tatgtatgta 52059664

tgtatatatg tatatatatt atgtatgtgt ttgtgtgtat atacacatat 52059614

atacataaag atatatgtat gtatcttttc cacatgaaga aattgaggct 52059564

tggaaagatt gtgtgggcca ggtgtggtgg ctcattcctg taatcctagt 52059514

gctttgggag gctgaggcag gcagatcact tgagcccagg agtttgagac 52059464

cagcctgggc aacatgataa aaccctgtct ctattaaaaa tacaaaaatt 52059414

agccaggcat ggtggcgcat gcctatagtc ccaactactt gaggggctga 52059364

ggcaggagga tcacctgagc cttgggcagt cgtggctgcc actgcactcc 52059314

agtctgggca acagagtgag accttgtctc aaaaaaaaaa aaaaaaaaaa 52059264

aaaagaaaaa gaaaaagaaa aaaaagaaag attgtgtgcc caatccactt 52059214

ggatagcaaa aggcacattg aggattcaac cccaaattta cctgactaca 52059164

aaacttgtgc cttttccact aattttgggt ggagatgtag gcagctgtat 52059114

gtaggaattc ctcaacaaca ttgaaggata agaaaagatg cctttaacag 52059064

cagccaaaat gcacttatgc tattgacaaa gaatcacaat attttcctca 52059014

aattattact atgtatgtct gaaattgatt tgctagttta ttggagaaat 52058964

gtcatagatt ttgatgtgat caagtcattc gaggtctctg aagggcttaa 52058914

tactaccttc tccatagtgt catgtaatcc tagggtttag gttggttgtt 52058864

ccttctctga acatggccca tctattctca tttgagtact actcaattgt 52058814

aagagataga tagatagata gatagataga tagatagata gagagctgga 52058764

gaagcataaa taaccacagg gctgaggtaa ctgggttaat atgttaaaaa 52058714

ggcagaccag ttcaaaactc tcttgatagt agcagttcag acacttagtg 52058664

tttgagaaag agatgcctgg aagctgcata gtattgatca tgatatgctt 52058614

atttgggcat agGTGAAAGT GGCCTCCATC AGCGTCGGCA CTGCTGACTG 52058564

GTTTGACTCC TGGGAGCAGA ATAGGGATGA AGGGACCTGG CAGCAGAAGA 52058514

CTCCCAAGTT GGAGCTGTTG GGTGGAGCCA TGTACTACCT GGAAGCAGAG 52058464

CATCATGGGA TAGCCCCAAG CAGGGGGATG AGGATTGGTG TCCAGATTCA 52058414

CAACACCTGG CTGAATCCTG ATGTGGTCAC CACTTACCTA CGGGAGAAGC 52058364

ACCAGATCCG AGTCCGAGCC CAGAGGCTTC CAGAAGTACA Ggtctgtgtc 52058314

tctttccagt cccatggagc tgaactctgg aaggaataaa gtcccatgta 52058264

gcaggagcac tgactgggag tctggcgacc tgaggggtca ttataacctt 52058214

gctgtcaaag aaataggata tctctttaac agcattgtga agatgtttac 52058164

aaaaatgtga tgtcttattc ctgagattat cttactcatt gagttagttt 52058114

taggaattta agttccaagc aagtcttctt ttagaaactt atttcccaga 52058064

aaagagacaa ggtcctctaa acacacgccc gacatgtatg cgtgcatgca 52058014

tgtgagcata tacacattaa attccataat ttttgactga ttgaggtcct 52057964

atttccctat agcctgtgtt ttctaagtct actttgaaaa ggtcatgtcc 52057914

tttgggtctc tcagctgtgc cccatatttt ctttgaagag tttttatgtg 52057864

ttatagtttt tgttgttcac tttttggtgt acaaagacaa atcaatatga 52057814

actctgccct ctaaagctta cagtctaaaa gtaaaacatg tgcacaaata 52057764

accatagaac aaagtagaaa gtaacaattg atttaagaga ttaaaagctg 52057714

gccaggtgtg gtggctcacg catgtaatcc cagcactttg ggaggccaag 52057664

gcgggctgat cacaaggtca agtgatcgag accatcctgg ccaacatgat 52057614

gaaaccccat ctctactaaa aatacaaaaa ttagctgggc atggtggcat 52057564

gtgcctgtaa tcacagctac ttgggaggct gaggcaggag aattgcttga 52057514

accagggagt cggaggttgc agtgagccgg catcacgcca cagcattcca 52057464

gcctggtgac agagtgaaac tccatctaaa aaaaaaaaag ctgcatagaa 52057414

cttactcagt agcaaaacta taatgtgccc tacagggaat gtgttgatgt 52057364

gttggaagca aagcagagac tgcataagcc tccaagagag ggtgcatgcc 52057314

atggagctgc ttctgcctgc tgggctaccc ttgggagaaa gcaattggtg 52057264

agaggggctg aaagtgcagc attcaatggc aactgttaca tctcatactc 52057214

tcaatcaagg ggcacagata aataggaaga ctgacatctc tgttagtcca 52057164

acaaaagttc tcattaggca atgatgctgt gttcctcaga gatttctgaa 52057114

tgttaaagca ttgaaaagtt aaaattataa taaaaaggaa atagcaagtt 52057064

gaggaggaat gtcctgtgtt cttagattgt ctctctggct taattagcac 52057014

catcatttag tcttgtctgt cttgactttt ttagGTGCTG AATGTATCAG 52056964

GCAGAGGAAA CTTCTTCCTT ACTTGGGACA ATGTCTCTAG TCAGCCAATC 52056914

CCTGCAAATG CCACAGCCCA TCTGgtggga gacttcttca aaaaatgagg 52056864

gaggggagtg ggagaactgg gggtggtctt tatgctcatg atataaattc 52056814

ctggcatttt tttcctttgt aatagATTCA AACAACCATT GAGGAGTTAC 52056764

TTGCAGTAAA ATGCAAACTG GAACCCCTTT GGTCTAACAT CCTTCTCCGG 52056714

CTTGGATTTG AACGAGgtgc tgtccgtggc ttcattctga ttgtcttttt 52056664

catcatggtc ttctttcttt ctataaaatg agaacaatcc ccatttcctc 52056614

tccaaggtga taacagagta aaaaaaaaat atgaaacctg gatttggaca 52056564

ctgagtggct gagggactgg cactgcactg tgcttgggag gttgatgctc 52056514

ggtgggtgtc aatagaaagg aaaggcattc ctcctgggct gttaggtaga 52056464

gtgcagcacc ctcctatact ccccatgcca cacggtggga aaaggtcaaa 52056414

gacataggtg agaaacatgc aaacatagcc aaaaccatgc taatcttcag 52056364

attacatcta aaggaattac tacttaagaa agtagtctta agaaattctt 52056314

aaaatgttag ggtatgtttt taaaactact actaaggcga actaaattct 52056264

agttattttt gaacacctct tccatcttga tattccttgt ctttttgctt 52056214

ctcaatagtt ttccgtatcc tgctacacag agaaaatgct aaagggtttt 52056164

caaggctcca gggaacacag aatgagtttc ttatagctgg agctttcaag 52056114

ccaggggtgc tgaccactca tgctgtggcc attcctccca gggctgaggg 52056064

gcccatatca tggtgaacag gacagcccct acaacaaaga attatccagc 52056014

ccctaaaata ttaatagtgc tgaggttgaa aactcctgct ctaaagtctt 52055964

cttgtgccaa caactttgtc cctgagttag aaaccaagga tgctggggga 52055914

gttagagttg aggaactgag gctcagagag gttgagttac ttactcaagg 52055864

ttgcatgggt aattgggtta gaacgggggt tttcttaagt gagatactct 52055814

aaaatcctca tgcacacatg tagggaagct ctgtcttttt taatatctat 52055764

gcctgccttt ctattttatc tgaactgcat ccagGCCCAG AAGTTTCCAA 52055714

CTCTGATGGG GACCTCACCA GTGGGACGGA GCCCTTCTGT GGCAGGTTCA 52055664

GCCTCCGTCA GCCTCGACAC CTTGTCCTTA CTCCCCCGGC TGCCCAGAAG 52055614

GGCTATCGGC TAGATCAGTA TACACACgtg agtagcagtc tttgtgcttc 52055564

tgggtcaggt gggtaggtat tggtattgct ctctggattc aagactgaaa 52055514

actcagaagc acaaaggagt gattgctgtg atctgcccaa ggtgtttcag 52055464

gctgaggttc taggtctctc gactgctgtt tcaggtatga atggacacca 52055414

ctggccccca cttgtgtgtt gttacctgga aatgcctttg tattagctgt 52055364

gagacttgtg aaagttttta tttgctacaa tattttcttt gatctctaag 52055314

agtacagact gtgtcattgg actatctggt tttaaatcct gattccacac 52055264

ccaatgtacc ttccatgtct gtcttaagta cagtatgcct tcatttactc 52055214

atctgtaaaa tggacagtaa tgtggtctat ctctcaggac tgtggtatag 52055164

attaaatgag ataatctagt aaagtgcctg cacagttagg acccagtgaa 52055114

ggctaattat tattactcta gttgttgtca ttattgatgg attgaattgt 52055064

ctgatgcatt tcgcaaacac ttcttaaatc ctttgcttcg atagctccac 52055014

cacccttgta aaagaagtgc agctgatttg ccctttggga accagagtga 52054964

gttttgctgg agtggtggag ctcatggcag tagtttctag tcttttccta 52054914

gttgggctgc tgtgggagtt ggggctaaat gtttcaggct tgagctcctc 52054864

ccttcttcag cctcatctct tctgcagggg cgcccagtgg aggtgatttt 52054814

gccccccagg gaagagttgg caatgtatgg agacagtttt cgttgttgca 52054764

actggggaag tgctattggc atctggtggg tggaggccag ggaagctgtt 52054714

gaacatccta taatgcacag aacagcccct atgacaaaga attatccagc 52054664

ccctagaata ttgatagtgc cgaggctgaa aactcctgct ctaaagtctt 52054614

cttgtggcaa cagctttgcc tttaactgag ttagaaacca aggatgctgg 52054564

ggagttagag ttgaggaact gaggctcaga gaggttgagt tacttgctcg 52054514

aggttgcacg ggtaattggg ttagaacagg ggttttctta agtgagatac 52054464

tctaaaatcc tcactgccaa gcacagtgct aagcatttaa aaactctgtt 52054414

tgatgacatt tttttggtct cagaaaaagt atttattgta tttttcctta 52054364

gctttattta ggtagggaaa taacaattta agttatttgt ctctctggct 52054314

acactggtaa gctctggaag ggcaggaact gtgctgactc tctcagagcc 52054264

tatggcaggg ttctagggat gtggactcct cactacgtat tgtttgaatg 52054214

actgcttctt gcactaatag aactgaagga cttatttggt gtccatagCT 52054164

GTGTCTTGCA TACAAAGGCC ACATGAACAA GATCCTGAAG ATGATTGTGT 52054114

CCTTCACAAT CGGCTTTCAA AACATGGTAA AGAATACCAC CTGTGACTGG 52054064

AGTCTCACGA GGACCAGCCC CGAGAGgtag ctaatcggtg gggaggcgtg 52054014

gtgggaattc agtcagctgg gaggattcac tgttttgggg acagttaccc 52053964

acctcaggca ctaatggtct tatatttggg cctcatacac taatttgggg 52053914

atttgaatat attttatttg acaaaaaagt ttgactccag agcagttagt 52053864

tgttaagaat atactactcc ctagagggag tctgacattt ctcataggga 52053814

tagaattgta gaacagcgta gttgggggaa accttagaga acattctttg 52053764

acatgacaga aagaggaaat ttggggcccc aagaatttgt gattcatcaa 52053714

aattcattca gctagtgacc ctggaataaa attcagctgt cttgatccct 52053664

tgattcagtg ctttccacat aattctcatg ggtcttgtaa atggtcttaa 52053614

acctaaatga aactggtaat gtccagaagt atcaatcttc tctgtggtta 52053564

cagcctcaca ttataatttg cttaagacac acagttaaac tgtaatttga 52053514

aaatgctgct gacattgcat gtcatggatg aatgattgac ttaaaaggtg 52053464

actactagca ttataaccaa ggctgagctg atcccatctt gggtgggatg 52053414

tttgtagcct tggcacccag gactgcttgg gtgcaggggt tcatggggtc 52053364

tctctcctgg ctgcatagct cacaggcccc ccaggttggg aacaagggct 52053314

ctaaccggag aggactgcaa gtgctccctg agagcccagt tctgctccat 52053264

gctgtttttc agCTGGCAGT TCGATTGCAC TGACCTCTGG GAGACTTGTG 52053214

TGCGTTGCTT CGGGGATCTC CAGCCCCCTC CGGCAAACTC CCCAGTGCTG 52053164

GTTCATCAGA TCAACCTTCT CCCTCTGGCC CAGGAGACGG GCCTGTTCTA 52053114

TGTGGATGAA ATTATTATTG CAGACACAAA CGTAACAGgt aatcatcaaa 52053064

ttctctctcc tccacaagcc ggtcacatgc ctacctcaaa ctttcctgct 52053014

aggggttact gtttttttta atgaggagag aacaggtgat cctccttttt 52052964

gcctgccttg gctctagaaa acagatgggg ctgggattat gtgtctttgg 52052914

tactatgtct ctctagtccc tcttctttcc tattttcccc acgattttct 52052864

cttacttctg gtgtctgtat tcttactcca gttttcccac tttcttgctg 52052814

ggaagtcttg gtttcttcat ctgtaaaatg ggtataataa ggaccctact 52052764

tcattagatt acggtgaaga ttaactaaag tttaatataa agtactcctt 52052714

actggtcttg tccatagaag gtgtctaata aatataagca attattgtta 52052664

ttattattgt tatcattaga ctagcaggat ttctccacct ttccatgagt 52052614

taatatgtca taccaggtgc tggaaggaac tcagcagtgt ctgtctctgt 52052564

aaatgggcca agagtctgat ttacaacctt caagacagac gcagtgagag 52052514

ttagaaggta atcatcttct tcagagagaa ggcccttgtc ctttctgtct 52052464

ctccagactc ttcctactca ttatttagag atcaggcccg gctcttcctt 52052414

cccgaactct cccttgacca ctcttgggca cagtggtctc acctggctct 52052364

tgcccgctag tcttagggac aaagtcctcc tcctgggccc tgctgaggtg 52052314

tctgtgtgtg atgtgcgccc acagccaagg cagaatggtg cagtttgccc 52052264

tcagtgtctt caggcttcca acttttgctc atgtttcctt ctctgtcaaa 52052214

tcccttgtgg ctttggggct cagctagcct actttttata gtttatttcc 52052164

ctctccaaga agaaaaagat gataccttaa tttacatttt gatttagaaa 52052114

atgtacaact tttcagtctt ttgcctaaac attgcagtac tgaaggcagg 52052064

ggaacttggg gatgggtggc aagaggactc tttatcagcc ttgaaattac 52052014

atcatctttg attctcatca aaatcccatc tctcctctgt ttccatagtt 52051964

taagtgtttt ggggacatct gggtcattgc ttattgttcc aaacctgttt 52051914

gtgctctggc acacttagaa aatgacacta ctcaagtgac gtgctgggtg 52051864

actgcctgaa ttttttggtg cccaagacaa ctggctgggg gtctttggtg 52051814

accccaagtg ctgcctcaat ttccagaagg ctgagggaat caatatttca 52051764

tacactggag tccactagtt ggaaaactca ggactggata ataggtgctg 52051714

ttcagttttc ttttctctcc ctttaatgcc attctgcctc gccaaacact 52051664

tgaagccaag gattcagaac tttttcttac tgccctcacc tctttgccac 52051614

caaattctct gtgtatctgg aatcatccag gggtgaggtg aggtgggagc 52051564

aggaagggag agggcggaga caagagggaa gatgggggta gcatacatga 52051514

aacggtctgc ctcccacttt atcacattaa ccctgctggc aatggctttg 52051464

ttttcagaat tatttaatgg caacataaac tacacaattg ggctcaatat 52051414

tcatagttaa ttgtatatca tttatctgat ctcaatttta tacttgatga 52051364

tattcccctg actaatgtcc tctatgaaac ttctttgtat ctcccactac 52051314

cactggatag tggtagcttc catttatttc tcgtttagtt ctcagaagcc 52051264

catgagttgg tcctgttatc cccacctatg ggtggggaaa ccaaggctaa 52051214

aaggagtgga gtattttgcc ccaattcaca cagcggagct gtggaggaga 52051164

tcggaatcta atgatcactg accctcgaac tgatctaccc agctgagcaa 52051114

gtaatcattt attgaccacc tagtctatgc ctagcatgtg ctaagcatca 52051064

agcatgagaa gacgaattag acaaaggtgt tgcccttaaa ctctttaaag 52051014

tctccattgt aaccaatctt ggggaagaag ctaaaaggat gttgatattg 52050964

tgctgatcat tttaaatctt aaatctcact aagctctcct tgtcagattg 52050914

attgctatca atcatgcatg tcataatccc cgctttacac ataagaaaac 52050864

tgagtcttat ggagtgtgtg tggattagct gagtgggaat ccaatagaag 52050814

tgaaaaaatc aggatttgac cagtggtctc tcttaaagct tgcacccttt 52050764

ctgcacacat gctggctcca cactgtggat aaacacccaa gtgcccctgt 52050714

gtatgcctct gagttcagtg ctcctaagag gatcagctaa acatccctag 52050664

agttgccagg ggctgtggga aggaaaggag gaaagggtgg caggctatac 52050614

tgcaatagat taactgtgta ggagtgcctc caagagcata gggagtgaca 52050564

ttttactagc tgtggggtta ttgaactttt ctatggaatc aatcttcatc 52050514

tccttaaatc aggaccttgc actttccttt ttgtactaaa ctgaatggct 52050464

tatcctcctg cgtcctctcc atgtgttctt tatggcagca gataagtagg 52050414

aatctatgct ttaggtgtgt actgagatct gagtaactca catttccaac 52050364

tgggattttc cacacagcaa gtctaccatc ttaagtcact tgatagtaat 52050314

tggatcactg gtctctagTT TCTCAAGCTG ATTCTGGAAC GGCTCGCCCA 52050264

GGGGGCAATC TGGTGGAATC AGTCTCTGTG GTGGGATCCC CTCCGGTCTA 52050214

CAGTGTCACC TCCTGGCTGG CGGGGTGTGG CACGGAGCTC CCGCTCATCA 52050164

CTGCACGgta aggagtggct tttttacacc tgtcccttct cctaagaatg 52050114

cttgttggcc ttgagggaca caggtgtgac ttttttcagg aaaagctacc 52050064

tgtcttgttg cttaaagcaa tgttctcaat cttgagaatg cagcaccaga 52050014

ttcacctgga agtattgtta aaattactgg gcctactgtc agagtttcta 52049964

aggcagtagg tttggggaaa aacctgacaa tttgcatttt taataagttc 52049914

cttggtgatg ctgattctgc tggtctgggg actacgcttt gagaactaat 52049864

tccgagtcag ttagtttaaa aatagtggca ttttgtgctg ttcagaggtt 52049814

cacatcacca ctgttttgtt ttgttgttgt tcttttcatt gcattcctca 52049764

tgtgttaatc ttgttgaaat cctttgaaat gaaatgtcta gagaagaaaa 52049714

atagctattt ctaagaactc accaccagat ggcactaaag ccccataagc 52049664

attgcttcat aataaccatt tctagccaca gtttacaaag cagtaactaa 52049614

ggatcaggct tcttctaagc ttctggaaca catgtatact ctaatttgtt 52049564

cttttaattt ttcacctaaa ccccagtaga atgggaagaa ttgagtgctc 52049514

tgcctttgat gtatgtatat gtatatgtgg gtgtagggat atatatattc 52049464

acagtgtata tatgtgtata cacatatatg tctaaatata cagtcatgca 52049414

ccacataaca atgtatctgt cggtgatgga ccaaatatat gatggtggtc 52049364

ctataagatt atactaccat atttttactg tagcttttgt atgtttagat 52049314

atgtttggat acacaaatat gtagcattgt gttacaattg cctacagtat 52049264

tcagtacagc agcaggcttg tagcctagga gcaacaggct ataccatata 52049214

gcctaggtgt gtggtaggct gtaccatcta ggtttgtgta agtaaactgc 52049164

atgatggttg cacaatgatg agactgtcta aggatgcatt tcttaaaatg 52049114

tatcctcact gttaagtgat gcataactgt ataggtttct ttctctcatc 52049064

tttttctcat atgttccaaa atgagttctc gtacctacag catgctgcaa 52049014

tggcatatta aaggcaggtg cagaaagttt gaacccgtgc tttactttcc 52048964

ttgactaaat gtttgttcca tggtcctctg ggcaggaaaa gcaataaaac 52048914

catccattga aaatgaagag gtgagacatc ttcagtggca gagaggaagc 52048864

ccaccatatc ggtaggctct aaatgccaac gtttttagct ctgaaatgat 52048814

agacacgaat taagttactc tgaaatgatt ctcacatcga gtggtcctga 52048764

aaactccctt actgagtttc ctcaggtccc ttagctcttt ctggaaggct 52048714

gcagcctaag caagacagga catccttcag acaaggtcct cctaggtgca 52048664

caccccaacc cagacgttaa tactttgttt ctgacgtgcc acagCTCTGT 52048614

GCCCACTGAA GGAACAGAAG AGGGATCTGG ACTGGTCCTG GTGACGACAC 52048564

AGAGACGACA GCGGACAAGT CCACCTCTAG GAGGACACTT TCGCATCCAG 52048514

CTTCCTAATA CAGTGATTTC TGgtaaaggg gtgattgggg ttgcaacaat 52048464

tctcactcac atattctcac tcacattccc aagggaacaa catcctggga 52048414

ggttgtcaga caggtgataa tattaaagct attttattta ttttccagtg 52048364

tctgaaagtg acattcttaa agtgaaagat ttggaaaggg acttattgtt 52048314

aatgctaccc caacctttac attttgtaga tgcggaagat gtatagttgt 52048264

ggaaactgag tggatcagct tcctgggact gttgtaagga gttaaccaca 52048214

aacttggtgg cttcaaacag caaaaaatga ttctccccca gttctggggc 52048164

cagaagtcca aaatcaagtt gtcggcaggg ccacactcct gtgaagtatt 52048114

tgctcctgcc tcttctggct tctggtggtg gctagcatgt cttggctgtg 52048064

gccatatcac tccaaccacc gcctctgtgg tcacgttgct tcttcctctt 52048014

ctatctcaaa attttctctg cctctctctt ataagggtac ctattatata 52047964

attgtattta gggtccacct gggataatct aggacagatt tttcctctca 52047914

agacccttag ccacatcttt tgccatatgc agtttattat tttgctttat 52047864

aagttaacat tcatattttc tggggattag gccattaggc catcttttag 52047814

ggggttcacc gttcagccaa ctacactgaa gcttgccaaa aggtcataca 52047764

aatagctgat gacagggtcc agttgtgaac ccaggtattt gattcctggg 52047714

tcagtcctct tctttctaga gttttataga ccaagataca tggtagccat 52047664

ggtccgtcag agttagactt aatggtgaca ccatgtacta tggaggattt 52047614

cagtggtccc aacaaatgta gaaagaactt tcagatgcaa ttagagtagt 52047564

gtttgtaaat cttcaagaat acatacaatg cacaaagaac aaagattaga 52047514

agtgataatg atacgttact tatttggtag aaacatgggg aatcagaagc 52047464

aaggctcagt agaacttgag aggggctgta taaaagttgg aacatggtcc 52047414

aaaagtcttt tgccctccca agcagaaagt ccctaggcct gcacaggacc 52047364

ttcttgggtg agaggaacag agtggtattt ttattataat agggtgactc 52047314

aggagaagtc gaagatccct aggtgttgat tctggtaaat gggggaaaaa 52047264

acatcaatcg tgccctgcct ctatgaggct cattactgtg ctatttatat 52047214

ttgattttac ttctcatgga agacagctca tccgtagaga cttcctgcta 52047164

ctgatttcta tcactgatga tcctcagatc accgcctgca aaacaactgg 52047114

gaaagtcagc cttggcctgg ccttttgaat gatgatggat ctgaaactct 52047064

gtataaatgt agaaacatga tttgtaaaag gataacaatt tcgtttgcaa 52047014

tttagaaacg cagtgatatt ttattagccc ttcagggcag cgtggaattc 52046964

aagagaaatg ctcttgagta ggtagaaggc aacctgtgtt ttcatgtaaa 52046914

cctgtctttc tgcattggca agcttctgca tatggttggg tttcattttc 52046864

ttcatcccta aagtagacat taggataccc aatgacccac ctcacagggc 52046814

tgctgggagc agctaatgaa atgggaactt ctggtagagc acaaagcagg 52046764

gttcaaatac agagagctgt tattcttctg tggggacatg gaatggggaa 52046714

gcaggtggtt gggcttaaag aaaattctaa tagagaaact gaagttaaat 52046664

gccaacattc ctcagctggg ctggccaagt ttttatgggt gtcagctgct 52046614

gtacgcctcc ctcactccct gtgaaaagtg gccaattttt ctctgttcac 52046564

agggccagct aaatttttcc agggaagatc taatatttaa ttatgctttc 52046514

aggcattaca agggtgtgtg gagtttacat tttgagttga cagttgagat 52046464

ggttttatct gacatggctg tgctctctga ttgctgtgtg atatggtatg 52046414

agtgaaagat agtgtaatat aaaaagtggg catctacttg tctttacctt 52046364

aggaaaaaat ggtttaatta tggctgggga ttctactgaa gttctacttt 52046314

gacagaaggg tctcctgaaa atttgatagg catcctagta tgtatcgtgt 52046264

tatccttgag gatgaaactc tgtaaggtgg attaattagt gtctgtgttt 52046214

tctgtatcaa aaccttctct cacagATGTC CCTGTACAAA TTTCTGCTCA 52046164

TCACCTTCAC CAGCTCTTAC AGAATAATGC CGATGACTTC ACATCCAGGT 52046114

ACCTCAATGC CAGTGACTTC ACTGTGAAGG AGGATCTATA CACTTGCTAC 52046064

GAACACGTGT GGACCTTGTC CTGGTCCACT CAGATTGGGG ATTTGCCCAA 52046014

TTTTATCAGG gtatgtatag tatcccttct agtggcatgg atttgctgcc 52045964

ctggagaaat tctgcaaaaa aaaaaatcag aattatacaa atggaaactg 52045914

tcatgaatta ttaattttgt tggaatattt gagtaaaggg attctatgaa 52045864

ctttctttct ggaagttttc aacacatatt ttgtatatca tatccctgaa 52045814

aaagcaattt aaacccaaca tctcccttcc taactcagtg taggtagtga 52045764

agttattggt cagtgtccac catgcaataa ttctacatct gttattggat 52045714

aatttaagca gatgtgattg acttagatga ttgtggaagc agatggcata 52045664

gcagaaggaa ttttagaaaa gaatttgctg tctttgggta atgacaaaac 52045614

cagatgctct tgcatattta gggtcttaaa aaataatcta atgatcaact 52045564

agcatttggt tattataaaa tgaagcccaa gatgaaaatt tttcctagtt 52045514

gtatggtgtt gtgggttatc tggttttcaa tcgaaattct agaaaggaga 52045464

tggaggaaga atgggagacc ttgctcttat ctcatggcac tgtttctttc 52045414

cactttattt taatattttg gattgcaaac atataaaatg gaaaagcatg 52045364

gagaagcaaa gtgtctcaag acttagagag aagattgatt tattgtacct 52045314

cttttggcaa tccacttgca aatgaatatt tctctaatct actgggactt 52045264

tcctcagcca ttatttactg ttacgtttct atatttcaat tctctgttac 52045214

tctgctttca ctttctagct gtctgattat ctgaaacaca atgtgaaaaa 52045164

actctttatt atttgattag acgagattag atttcggttc catgacagaa 52045114

tttaccagaa atgtaaccat ctcagGTCTC TGATGAAAAC CTTACTGGAG 52045064

TGAATCCTGC TGCAGCCACG CGTGTGGTAT ATGATGGTGG AGTTTTTCTT 52045014

GGACCCATAT TTGGAGACAT GTTGGCTACT GCCAACCAGC ATACTCAGgt 52044964

gagagtgaat gggccaccct aagtgcaagc tccagtttca agtctaactc 52044914

actcctcact gatttgtaac atggactcat tgatttagct cttaagggtc 52044864

attttgccaa tgtgtaaaac aggggtactt atggctgtcc tttttctacc 52044814

tccacagggt atgtacagtt ccctgaaaat ataaatgcct tgtaaccaca 52044764

atattctatt ataattattg atactgttgt tatggtacaa aaaattgata 52044714

atttctatag ctaaatatga tttatgcttc tacctggtgg tatcaaaaag 52044664

taaatgagct aagtcattct ttttgtcttt aaaaagtcct tttatttttt 52044614

tcctatcttt ccatatttct gttataggtc atctactttc aatttgataa 52044564

agttttaaaa tacaaaaaca ataaagaata atattatcaa cacctgggga 52044514

cccaaactga aaattgacat tgtcaacatt ctgatatatt tatatttttt 52044464

gtctttatgg aaaaaatgaa acagtacaga taaaattgaa gtgttcttta 52044414

ttgtccatgc cattgcaata cctcttcctt taataaggaa acactgtcat 52044364

gaatataatc tgtatgctat taatgcattt tttatacata gagaatcagt 52044314

ggggtcacat cttttttacc tttctcattt ccaagtagtt tttgagttct 52044264

attagattaa cattagttcc agtgaaaggg aaagatatat agtctctctt 52044214

taggaatcta ccattctgtg acaaaagaga ccccaagtaa agtgtccaaa 52044164

tacactctag tctttagtta tatattcaca gagtggtgga aggaatgcac 52044114

caaatttgtt ggtctttact agcaaataaa gagcttgtca cataaagtag 52044064

gtacctggtt ggaaatacag agtgataaga agtccttatg cagtttaagt 52044014

ttatgaagtt tacttctata tgacagagat aaatttactc aatatttatc 52043964

acatttaatt acagaaatgg ggttcagcat gtccaccatc attttaagaa 52043914

agcttcatgt gttttgagcc attcattgca atttaagatt aattactgga 52043864

aaaatagaaa aaaggaataa gaattagcga atcatgaaca cgtgtcagct 52043814

tgggagcact tcacatatac tttatgaata ccctggtaga tatgaaatgc 52043764

ataaaatgga aaagaaattt tgcctcattt cagGTGGTTG TGCGAGTGAA 52043714

TGATGTACCA GCTCATTGCC CAGGTTCCTG CTCTTTCCAG TACCTCCAAG 52043664

GGTCAACTCC CTGTGTCCAT TCTGTGTGGT ACTCCATTGg tatgatttgt 52043614

cacttggctc tgagatgggc ttaagccgga gacttgcagt gattttgtta 52043564

gaggccatgt agctggtgat gggtgggtag aagataaatt agttcattag 52043514

gcagaggttg agtgacgtag cagaaagtgt attttttggt ccatctaagg 52043464

gatatggtca tgatttgaaa tggggagaga tggacttttg atgactaaaa 52043414

atgttttatt gtctttgtcc tttattttga aatattatgt tcttttaaaa 52043364

aattgagcag tgatcacttc tcactagtta gagaaaattt aagatcgggg 52043314

ctgtgtacta caataacaaa tacagatggc caatatttaa ttcagcattc 52043264

agctccttga attttgggag gggatggggg cagagaagga acatttgatg 52043214

atagtgagag gtctctcaaa tgaagtaata tcactgagag attattttat 52043164

ttgtttttta atttcttttc tcctttaagA TGGTGACATC AACCTAATGA 52043114

TTTACATTAC CGGAACTGGT TTCTCTGGTG ACTCCCAGTT CTTGCAGGTT 52043064

ACAGTGAACA AAACGAGTTG CAAAGTTATT TTCTCAAACC AGACCAATGT 52043014

AGTCTGTCAG ACAGATTTGC TACCTGTTGG AATGCATCGG ATCTTGATGT 52042964

TGGTGAGACC CTCTGGTCTT GCCATCAGTG CCACTGGAGA AGACCTCTTC 52042914

CTAAATGTGA AACCTAGACT GGATATGGTG GAGCCTTCCA GAGCTGCGGA 52042864

TATTGgtaat ctggggaggg tctcacagta tgtctgaccc tctgaagcta 52042814

gtgttcttgc tgataggaat ctagtccttc tgtgtaatga attccatatt 52042764

cactgtgact cactgtcttt tgtttactga cataagtatt taaatgagca 52042714

acaaacattt gagcccttaa atgaactcac ttgccacata aaggattata 52042664

gtttggctgg tggtgtcagg cataattggg tcctacataa ctttcataca 52042614

tgtttgatat ttcataagtt tgtgaactga tgcacactgg gatacttggc 52042564

tagcatggaa aactgattgc catttgagta gtgggcaata cagagggtgg 52042514

tgggtcttgt caacatagcc ttatgaattg ggttagttct atggaaaatc 52042464

aaatatttct ccatgacttt ctgctttctg agggacacag ccagttaaaa 52042414

acaacccagc cagattgcaa gaatctcagg aatactgatg cttatgtttg 52042364

ttaacgaata aacattagag cataaagccc ttttccttaa tgctttggat 52042314

ttttgtcatg gtttattctg gagtccagag gactgcagct tagaacatat 52042264

ttaaaagcag tgtggtttgg ccacaaactc attgttcaaa agaacagatt 52042214

tttttctgac cctattttgc ctagaagagt gaattatgag gcccacccca 52042164

ccttgtttct gcacataaaa caaagcaagc ataacttgca cttatttctc 52042114

catgatttaa ggaaggtcag atgatatatg gagctcagag tgaaagatca 52042064

tattctgtat taacccagta attattggtt tgagtgtagg gcatagtgta 52042014

gttttctcta tagagttata aggggctttg atcttctttc aaagttacct 52041964

ttgctgttca ggccacacat accttcttca gctccctcca ccttaaggca 52041914

aacaggtgac tcagtcattt ttgtttcccc tagacaaagt gctttgcaca 52041864

ggtaggttgg ccaactttcc cagtttgctt gggactgagg gggttcccag 52041814

gacacaagac tcagttttaa aactggaatg cagaactctt agtgctaaaa 52041764

cttggtccta ggaaaattgg agtgagttgg ttaccctatc agaacatgct 52041714

gttcagtgaa gggatttcta ggaggattgt acattatttt agcaaaagat 52041664

ggaaaactct gagaagggat atgccaagcg ggtagaaatt atcttttatt 52041614

aagactatgg ggaaagggag agggagagag agaggctcta gctgctgctt 52041564

tccttattac tggatttaaa ctttttctat taattcttcc tttgccctgc 52041514

cacctatgag ttaatcagta ctcactcact caacactgat tggcccatcc 52041464

catttagccc tgtgtgaggt gctgaagacc ttggtcctta aagtgtggtc 52041414

ctggacaagc agtatctgta atacccatga gcttgttaga gatgcagagt 52041364

ctcaggctcc accccagacc ttctgaatta atctgcattt taacatgtcc 52041314

tcaggcaatc tctatgaaga gtacagtttg agaaatgatg ctctggggta 52041264

tttaaagaga accaggctgg ggcctatcag caagaaattt acagaatatt 52041214

tgcatatgta atgaatggat acaataatgt gataaatcac cacctaccca 52041164

tttgcagaag caaaaccctt gaaaggattt ttttgaggaa aatcttggct 52041114

ttgctttaca tactttcttc attcattttt gtgctgagat agcattgtct 52041064

tctttaaggt acggactctt gtgtggccat agtctaaact ttcaaatgag 52041014

aatggcaaga tatcatcacc tcttcaacct ttaattgtta ccatcaacaa 52040964

taatcataat gacaatttat ttagctttta ttaccaggca ttattaatgc 52040914

tggggataca gtaaataaaa acaaatcctc tgttcttggg gcagtgatgg 52040864

taagtgtata ggataaaaat caagaaggga aggggatgaa gagggatgga 52040814

gtagatggtt gtgatggtat agtcattggc attggaggaa tgacatgagt 52040764

ggccttagag aagggagata tgggtgaagt gaaggaatga attctgggga 52040714

aatcttgggg aagacagttc aagtcagaag gaacatcaag gaacaaaaag 52040664

tcttgagtca aagttagact ggcttgttcc agaatgtcat ggaggttgcc 52040614

atggctggag tagattgagt gaggggagag cagtagaaga tgacccaaag 52040564

caagttatat ggccttgggg gatatgaatg gccctcagct cactcagctt 52040514

ttattctgag tgagatggtg gccattggag gatttcaagt gaagtgacat 52040464

gatctgactt aggctgctgt gtgagaactc acagtaggga ggcaaagatg 52040414

gaaccagcaa gaccggttag gaggatatga cagacatcca ggggagagat 52040364

aatgttggct tggcctaggg tagtatacct tagaaatagg taggatattt 52040314

tattcttttc tttaccccaa ggatctcttt tttaacttaa aaaattgaga 52040264

tataattccc atatcataaa actcattttt aaaaagtata aacttagcag 52040214

tcttcagtat attcacaaag ttgtatacct catcaccacc tgattcaaca 52040164

acattttcat catcatggaa aggaacctgt atacattagt agtcagtcac 52040114

tgtttctccc tcttcccaat ccctggtaac cacagatata ttttctgtct 52040064

aagtgaattt gcctatttta gacatctaat ataaataaaa taatgcaaca 52040014

tgtgaccttt tacatctggc ttctctactt ggcatgatat ttttaaggtt 52039964

catgtatgtt gtaacatgta tcagtacttt attcaatttt atgactaaac 52039914

aatattacat ggtatggata taccatattt tgttttccat ccatctcatc 52039864

atgtgcattt ggattgtttc cactttttga ttattatgaa taaggctgct 52039814

atgaatattt gtgtacaatg atttgcagga atatatgctt tcagttcttt 52039764

tgggtatata cctaaaaatg gaattgctgg gtcatatggt aactccatgt 52039714

ttaacttctt gaaggattgc caaactgttt ccaaaatggc tgcataattt 52039664

tacattccta ctagcaatat aagagggttc caatgtgtgt tagtccattc 52039614

ttacactgct ataaagaact acctgagacc ggaaagttta taaagaaaag 52039564

aggtgtaatt gactcacagt tcagcaggct atacaggagg cttgactggg 52039514

gattcctcag gaaacttaca gtcatggcag aaggtgaagg ggaagcaagc 52039464

acatcttcac atagtgacag gagagagaga gcaaagaggg gtacgctatg 52039414

cacttttaaa caaccaggtt ttctgagaat tcactcacta tcacaagaac 52039364

agcaaggggg aaatctgccc ccatgatgca atcatctccc accaggatcc 52039314

ttccccaaca ttgggaatta caatttgata tatttgggtg aggacgcaga 52039264

gccaaaccat atcacaatat ctccacaccc tcaccagtgc ttgttattat 52039214

tatttttcac agtagccatc ttaatgggca tgagatgata cctcattgtg 52039164

attttgattt tcctaatgac taaaaatgtt gaatatcttt tcatgtgctt 52039114

attggccatt tatacatctt tgtagaaatg cttattcaaa tcttgccaat 52039064

ttttaaattg agttatttgt cattttattg ttgaggtgta agttcttaaa 52039014

gtattttggg tactaatcac ttatcagata aataatttgc aaatattttc 52038964

tcccattgtg tgagttgcct tttcactttt taaaaatagt gttatttgaa 52038914

gcacacaaat ttttaatttt gttgaagtcc agtttatatt tattgttatt 52038864

gcttgtgctt ttggtgtcac atctaagaaa ctattgccta atccaatgtt 52038814

acaaagattt atgcctatgt tttcctctga gggttttata gttttggctc 52038764

ttagatgtag gtacctgatt cattctgagt taatttttgt acatggtatg 52038714

aggtaggggt ctgtattagt ttgttagggc tgctgcaatc aggtaccaca 52038664

aactgagtgt tttaaacaac aaaaatttat tgtcccataa ttctgggggc 52038614

cagaagtctg agatgaaggt gtcaggagtg ttggttcctt ctgaaccaaa 52038564

ctttgaggaa gactctgttc catgtctgtc tcttaacatc tggtgtctta 52038514

taggcaatct ttggtgttcc ttggctggta gaacaccacc ccaatctctg 52038464

ccttcacctt catatggtat cctccctgtg tcttgcttgt gtccaaattt 52038414

cccccttgca cacccctgcc aacttttttt tttttttttg agaccgagtc 52038364

tcattctgtt gcccaggctg gagtgcagtg gtgcgatctc agctcactgc 52038314

aacctttgcc tgccagattc aagcaattct cctgcctcct gagtagctgg 52038264

gactacaggt acaagccacc atgcccagct aattttttgt aattttagta 52038214

gagacagggt ttcaccatgc tggccaggct ggtctcgaac tcctgacctt 52038164

gtgatctgcc tgcctcggcc tcccaaagtg ttgagattac aggcgtgagc 52038114

cactgcgcct ggcccaaatt ccccttttta taaagacacc agtcatattg 52038064

gattagggct tatctttttt ttagtgtgac ctcatcttag tttaattaca 52038014

tctgctaaga tcccatttct gaataaggtc acatttggag ttattgggat 52037964

ctagggtaat aacctaaatt ttggtgggga tgtgggagac ataattcagc 52037914

cctaaacagg gtccaacttt gttattttgt atatggagtt gtcccatttt 52037864

gtacatgtgc aaaaatatta gtagcataat ttcctagaag ttgaattgct 52037814

gggtcaagag gttatttgca ttaaaaattt tgataaatat caaaagattc 52037764

tctttagagg ttgcataatt tattgcctaa gcaacaatgc atatatgagt 52037714

gtttatttac cacattttac taacacggtg tgttcccaac ccttttgaca 52037664

cttacctatt ttataggaga agaagaatat ttcattgtgg ttttaatttg 52037614

tgtttatttt attgagagag aaattgaata tcttttcatg tgtttagggg 52037564

cattgtgttt ccttttcagt gaaatgtctg tttatctcct tagcccattt 52037514

tttctaatgg ggttattgtt ctttcttact gattttaaag agcattttat 52037464

gtattaagga tatttgccct ttattatcat ttgtctcttt gttttttatt 52037414

ttggaaattc gtaaatattt ttaattttta cataataaaa tatatcttcc 52037364

ttttatggct tcaggacttc taaaatactt aggatagact ttgcaactct 52037314

gaaattatat gaaaataaaa attctgccat gtttccttct agtcaaaaaa 52037264

ctttcttttt aatatttaaa tatttgataa attgggaatt tattttggtg 52037214

aagcatataa ggtagaaatt caaatttagt tttttttcag tgatatttac 52037164

ttattttatt tactgaataa tttattttgc acttatgtga aatgtcactt 52037114

atatcctaat ctatagcctc atactgatct gcatttcttc tggactatat 52037064

tttattttac cacatagttg ataccatagt tactgtataa gatatggcag 52037014

aagacctctt tacacttctt tttgaaattt tgttttctgg ctattcttgt 52036964

ttatttttca ttaaacttaa gaatcagctt gtctaattta agtacaaatt 52036914

ctgtttatat gtctattgaa attgcattta tgctttaatt tataaagata 52036864

tgtcaccttt atggtgttca ctctttcgat ccatttattt tagttttctt 52036814

atgtaagttt taatccatcc attaagttct tcaagagtat ttcaaatatt 52036764

ttttcaattt ttttatcttc ttaatttttg ttttgaagtt tgcttccaga 52036714

tattgtatat tttatatcac gattgtatat tgctcttagt tatgcactta 52036664

acttcagggt actagtccac cgagtcacac tgtcctcaaa ggttttcatc 52036614

agattttgta gattcccctt tctgtcccca acatgcttga aagtagtctt 52036564

gcttctgcat ccctccccac cctcaagggg gggtaaggct gtttggtggc 52036514

ctcactgcct ctcttgtatc tgggagatgg cagaccagaa tcattataca 52036464

ttagctagat caaaggctgc tcctccacat ggaaacgtgt gccatgatag 52036414

cagaactgga gccaactctc ttcttgctaa catctgcagg gaagaaatgg 52036364

ggatttctgt ggttgctctt tagtgatcag tagagaaatt ctgatggcga 52036314

tgggcagtga tgccactcat ttctatattt tcacagtgaa ctgaacctag 52036264

tatgtgtagt gtcaaaccac aaagctggaa gggctaacat tattatttaa 52036214

agatgaggaa aatgttgacc cttcagctca gggaccatac tgcaatgacc 52036164

tgctaaaagt agctgagcaa tctgtggccc tgaccctgac tctcagccac 52036114

tgttccttcc accatgatgc tctgttgcac ttggtttctt aggaaaagaa 52036064

tatgttttat aggattgcag gaatgatatt caaaatctag gccaggaaga 52036014

gttttcagag actacctctt cagacttgtg gcacgattgt gttcctaggt 52035964

tttattctta aaagacttca ggatgcagtg ctacctctct ctgccctcct 52035914

gtcactactt ctccctttct atatgatagt ttatatattt aactccagtt 52035864

tttttcctgc agtttgagca ttgcctttgt tttgactaag gagtttcata 52035814

ttttaatttc attttatcca tcttgtgcat aattaatttt tgtctgcctg 52035764

tatggttggt gatcccattt gaatatgctg tttttgttac agGAGGGCTC 52035714

TGGGCCACCA TCCGAGGCTC TAGTTTGGAA GGTGTTAGCC TGATATTATT 52035664

TGGATCTTAC TCGTGTGCCA TCAATGTCGC TACAAGCAAT TCAAGCAGAA 52035614

TTCAGTGCAA AGTTCCACCC AGGgtaagtg gattcctttc atatctcttt 52035564

ctctctgggt gagtgaccac tgttaatata acattttcag tgaatcactt 52035514

cttagaacta aatgaactga tgtaaacttc tcattatgat agtatgcttg 52035464

tagtagttat attgtctgtt ttgctatgaa gtgggaaact gaccccacca 52035414

atggagcttg taattaacat caattaattt cttaaaaaga agacaaccag 52035364

gcagttctgg tctgtactgt cagtaagtat tagtgacacg taacaaataa 52035314

atttagctag tgcacattct gggtgttggc ttgcaaggct tatatatttc 52035264

aaagtctccc ttctctatta agcaaacaac aaataactta gttttcatca 52035214

gcaattttgt tttctagtat gggtattaat tgtagaactt agaaacttct 52035164

agagtgtgtg atttctaaga aatatcttct tagttattct ccattgcttc 52035114

cttttcccct taaaaacaag tccctgacct cttcctttcc tttcaattag 52035064

tgctatatca tggcctatta agggatttga gtctgggtcc ttccctggta 52035014

ctgttgggga gagtcacacg cactgctgcc actgaacttt ctatttagag 52034964

ttgacttaag cagcatcaac attcctagca cacccatgac cccaaaataa 52034914

agatcccctg ggagataagt ttcaaaatat tctttgatca ctagtcctac 52034864

attttaatct catctagttc cttaaatatt atgaaaagct agcttttata 52034814

tgtacactac attcaattcc aatatgtggt tgtactctaa tttgtttaac 52034764

tattccttat taccagacac ttagataatt tctaaatgtt tcttattgta 52034714

aacaacaggg ctttaatcat cctaataact atgttttggg ggtacatttc 52034664

ttttctcagg ataaattaat ataaattcta aagcttttga tatgtagtat 52034614

ccagttgtct gaaattccct ttcaaattat actcccacca tcattgtgca 52034564

cgtgtgtgat ttttgacact ttggccaata ctgggttatc actttattat 52034514

tttaatatat atttgccatt ttaatgggta agacatgtac ctcttaattt 52034464

cttttaccag agaacataaa cattaataaa aaataaattt tacttttgat 52034414

ccaagtgata gatgcatagg ttaaaaggaa aatagtaaat tatgttttcc 52034364

tgcccctcct cccccttctt caagtccccc ttcctgaaac aacttttaat 52034314

tctttcaaat atagttacaa taccattttt atcttaaatt aataaaacct 52034264

gtttatatta ttctaactat ttagatgatg ctggcagaac cgggtagtat 52034214

atttttttct tttatagttc tttttttttt ttttccccta gagttcctat 52034164

tttattttct aaacatgtct tttgtttgtt cgtttgtttg agacagagtt 52034114

tcgcttttgt tgcccaggct ggagtggtac aatcacggct cactgcaacc 52034064

tccacctccc gggttcaagt gattctcctg cctcagcttc ctgagtagct 52034014

tgaattacag gcatgcacca ccatgcccag ctaatttttt gtattttagt 52033964

agaggtgggg tttctccatg ttggtcaggt tggtctcaaa ttcctgatct 52033914

caggtgatcc acccgcctcg gcctcccaaa atgctgggat tacaggtgtg 52033864

agccactgtg cctggctaac atgtctttct tataagttaa atccaatatc 52033814

ttttaaaaaa agttccatcg tatcagtcat tcattttcct tgaagctatc 52033764

tctgttctcc tgtttcaatc tagcctgctt attttctagg tttattctac 52033714

agattttatc ctagtactta ctttgattgc tttcttgagt agtcactgtt 52033664

tcttgggttt cagatatata tatatattta aattattatt tattttatga 52033614

gataataacc ataagtacat cctatgaaag agtgtgtcat agagaaattt 52033564

tctgagttct cacatgtctg aaagtactct catacttgat ggatagttta 52033514

gctaggtata gacatttatt tgaaattgcc atatttttgc agaaacaatt 52033464

ggtgtgttaa ttgcaaataa ttcttattta ccccttacag catgtcatta 52033414

tgcatctaac actgcacttg cctactagtc caagcactta tcactctgtg 52033364

ttgtgggtgt gggggcagga tggggagagt gtgcagggtt gtagagaaga 52033314

gagagacttg gaagtaggaa atataccctt taggaacaac tttcttaaaa 52033264

ttaactttta aaactaattc tatatggagt tctcttccct taagtcagtc 52033214

ctactttaaa ataaaactga ggtttaattt ttaaaattga tttttcagGG 52033164

GAAAGATGGA CGCATTGTGA ATGTGACTGT GATCAGAGGG GACTATTCTG 52033114

CAGTTCTTCC CAGAGCATTT ACATATGTCT CTTCCTTAAA TCCAGTTATT 52033064

GTGACTCTGA GCAGAAACAT AAGCAATATA GCAGgtaaaa tatgtgatac 52033014

tgcaagatct ttttcttctt agagcattgg tcctataaaa agggcaatca 52032964

atgtcctctg aaatttattg tattttggat ttaagttttt tcttgaaagc 52032914

taggagattg cttttttcat cttagccatc atcgaatcaa tctcctgata 52032864

tctacttttc catctgtaaa atggaaccat tgtacagatg ggaccatttc 52032814

catcatgaaa aggatgtggg aattcaaaag ttacaattca aaatatgttc 52032764

cttgagcatt tagtaagtgt caataatgat agcataaaca taaaatagat 52032714

gtaatttaat ccttgcccct aatttatagg attattagct tcaatttaca 52032664

gatcaggaaa ttaaggaatg gagagaataa gtaatttatc taagatttga 52032614

acacaggtca tctgtttgta tataccaagt acttatctac ttgtagttaa 52032564

ctgtaaaata ctgctttttg acagcaggtt ctattgtagc agttatttaa 52032514

tatgattaga gaataggatg ctctgattaa cttagaattc ttgtttcttg 52032464

agacattcta cgtataaaaa taatggattc attagcacca actacatgaa 52032414

agaatttttc tttgatgatt cagaggatat ggcaaggtag aattataata 52032364

atttattatc atgtaattcc atatagattt ggaagagtag caggtaactt 52032314

ccctttctgg tgaactgaat gccagataac agggtttgtg gtagccatat 52032264

ctaagggttt attgtaaaaa gaccatcata tttcccaaag aaaaagtctg 52032214

aactcaattt ttctggcact attttcattt tccatagctc aagagtacat 52032164

aaataaagag aagtgtcctt tagcttccaa tattattcag ctcagataat 52032114

gcagaagaag aatttgctgc cccaggtgac tgaagtgtgt aaaattcctt 52032064

agtggtacag attcttcctg atgaggtaga aaagggaggg ggagctccat 52032014

gttatattca gatttcagtg attttggctt ttaataaaat ttcttatctg 52031964

taatgaaaag aataaataca ttatatcagt gccaaggaag catctaggat 52031914

tagcttgaca gttgaccaag tgctccaaaa gttatgttgt tgatacatac 52031864

aatgcaatgc attcttttca aaatttatac ttgtatttaa atctttctac 52031814

aagcagaata aaaaggagca tgttataaaa tccacgaagt gtcgtagcct 52031764

tttgggaatg cctcttttaa gttggagtgc tgcacatctc catccaagag 52031714

atgatgttga tgatgaccgt gaggctgaga tgaaatgaaa ataaaagcat 52031664

aagagggacc aaggatgggg agtgctggtg aatttgatgt gcaggaccat 52031614

tagtgttggt ttctgcagtc aggaaaaatg gaatctgcat gaatcccagc 52031564

tcaaccactt gttaaaaaga agaactttca agaaattaaa tttaacagag 52031514

tttgtttgaa caaagaatca tagtaacttg tagaaccaga aaaggttcag 52031464

agagctccac tatgccacat gggcaggcag catttataga cagaaaatgg 52031414

aagtgaggcc agaaacagct ccctgtttgc cttattggag catggtctga 52031364

tcagttggca gcctgtgatt aactgaggct caggtagttg aggctttcag 52031314

tttatcacaa agttgggttg cagttcttta tgtagagact caaggtacag 52031264

agacagcctt aggccaaact tagttgaact taccatactc cttgggtaag 52031214

atatttaact tcttttatct tcagttcctt catttgatag gtgggaataa 52031164

ttctttcaag gtaatcatga aaataggaaa taaagcagat gaaagtacct 52031114

ggtccaggaa ttgacataga gtaagcacca ataaatcttt gttgaagtga 52031064

atgccatcat tctgccagat attgaatgct ttataaacaa gccaaagaaa 52031014

ggccctgcct attggtccta tttttttttt acttcttcat ggcaccccag 52030964

gatccattag ctcaaaagcc tgccagtgct aaattcaaac ttttacacat 52030914

ccacttgttt tcagcgtagc caaaataagc atatttttag ccatttaaat 52030864

tcctcttgct ttgcatgccc catgaaactg cacccatcag tcagctgtag 52030814

gtaagaaaac cctggggcta taaaataccc taagccgctg atgcctttgg 52030764

agctctctgt cccagaggct acccaccagg ctgctgagtg acatcatctg 52030714

gacacagaac ccccctctct catcttccca ccccctccca gttcccttgc 52030664

cttcttccct ttctggatgg tggcccaata ctgttgcctc tggaaggtct 52030614

catgctggga gacttcctcc tcctctgtga atctgtcaaa ataccaccca 52030564

aataatgctt gttttttgct actgtcacct cgtagtcatg tctttttctt 52030514

tgatcagccc tgaaatccct tgaactcact acactgaagc ttcagacttc 52030464

ccagtagaga ttgggaagac atgcggtcaa gagaatgggg aacgaggaag 52030414

aaaatgaagt taattaaggc ctttttgtgt gctatatcat gccagatact 52030364

ttcccaggat atctaacaaa ccacatggga tgggctttat taaccatgtt 52030314

attgatgaaa aatccaaggc tttgagagcc gtaagtaaat cacccaaagt 52030264

cacagaggta gtaaaatggc agatcaagga tttgaatgca gattcatagt 52030214

cttcccacca caccacatcc ctcttctttg acttttctct ttcaagcaac 52030164

ctctttttcc tcttcatcta attggccgtg gcatcccata gataccagct 52030114

ctgcagtagt cctcaaatgt tacaggctaa aggagctaga gatgctttag 52030064

cccaagccat gtttcagtgg ccacactggg acacaggaaa ggtaaggaca 52030014

tttatttcca ctcctgctgt tgcccacttg atttggtcta cttgattaag 52029964

actacaattg tctgcagatt ggatttctcc tcccctatct tttcaattta 52029914

tcttaaagac tggaagaaca gttttaatca tatcttttcc ttgcttacaa 52029864

gtctttggcg gtcactgccg tccactgagt taagcagaca tccctctggc 52029814

ttggctttct tggtctttgg ccctaggact accatcaact tggcttatcc 52029764

ccaaaacaga accctacctg tgccttccag aacatcaccc aattctcttt 52029714

ttcctctcca agccactggg tgattaagtg agaaattgct atgaaaggct 52029664

ttggataaaa ccgtgaaatt tctagaaata aatgataagc ccccttttct 52029614

ctatgacttt ctttttggat ttatctttca agctccaatt caactctcat 52029564

cttgcccatt ccatctttcc tgatattcat aatgttgctc tgatttgagc 52029514

aatcccagtg cttaatttcc acctctcttg tagtatatct tttattgaag 52029464

caattttgtc acctatttta ctaccgttga ggcttctttg agggcagagt 52029414

ctgtgtttaa cttattttgt gccccttgca gcatcttcct tatggtactc 52029364

aataaatatt tgagttaaaa gaaattgcat gaaagtgttc atagtgtaca 52029314

cattttaata gagttgctaa ttaaactaaa aggacactga aatgcaagac 52029264

aaaagactgg gctcaggtct tgaccttttt ttttcttttt tagtaattat 52029214

taatagctat gaggctgtgg ctgctgagct tagtttcctc aaatgcaaaa 52029164

taccagtcat attaattgcc ccatataaat catcaggata gtgtgtggac 52029114

caagtgggat aacatacgtg aaagtactct gtcagttatg agctactaaa 52029064

ctcacataca gcattactgt aaggttcagt gcacactcaa atatagcttc 52029014

agacttctac cagtagaaaa gtggaggtta agcaaccaat atgtggtgct 52028964

ctttgctggt tataaagacc gttagctctg caaacttctt gatttgcctt 52028914

tgcatggaaa taagttagtg tctcttgaat acaattgtcc tgccaatttt 52028864

tctttttata ctattgaggt tacagaccat atctctgtta aaagagttgt 52028814

taagccaggc aaggtggctt acccctgtaa tcccagccct gtgggaggcc 52028764

aaggcaggca gattggttga gcccaagagg ttgagaccag cttgggcaac 52028714

atgtcaaaac cctgtctctg caaaaaatac aaaaattagc tgggtgtggt 52028664

ggcacatgcc tgtaatccca gctgcttggg aggctgagtt gggaggattg 52028614

cttgagccct ggaggttgag gctgcagtga gacaagattg caccacagca 52028564

ctcctgggtg acagaatgag acctgtctca aaaaaaaaaa aaaatagttg 52028514

ttagaagttt cttgaaaaat ttaggttggt atcgtaactc ttaagagtat 52028464

tatgcatagg ggtgactgtg aatttaatcc aaaaagacag ttttagaatt 52028414

gaatagatgg ttgagcccac aaaccccaca tgtcagaggc tattggattc 52028364

ttctcaacac agGCGGTGAG ACCCTGGTCA TTGGAGTGGC GAGGCTGATG 52028314

AACTATACGG ATTTGGATGT GGAAGTCCAC GTCCAGGATG CCTTGGCTCC 52028264

GGTTCACACA CAGTCGGCTT GGGGCCTGGA GGTGGCACTG CCCCCACTGC 52028214

CAGCTGGTCT CCACAGAATT TCCGTCTCTA TCAATGGGGT CAGCATTCAC 52028164

TCACAAGGgt gaggtgacca cttgcattaa ttttggattt gtttgatggt 52028114

ctagcattca gctaggtaat tctaattttg agttaggtat tttctttttc 52028064

ccttggaagt tagaggttaa agacatgaac atcataacat tggaacaaat 52028014

cttagagaac ttacagacag tttgctcttc tcctcaaaat acatatggct 52027964

cttctggctt actctttctt atctctctct gtcagttatt tcctaaacat 52027914

ctgcctatct tctgtagGGT TGATCTCCAC ATCCAGTACC TCACAGAAGT 52027864

TTTCAGCATC GAGCCTTGCT GTGGGTCCCT GCTGGgtgag tggctcttat 52027814

gtgactgtta tcaattatcc agcaattcta tttgctggat attcagattt 52027764

tgtttctgga ttaatttgcc agtgaggtca gagagagggg aaacaggaga 52027714

gaaactttcc tcgggctcca ggaactgagg ggtgttttta aaagggtgtt 52027664

aaaacttggt gattcatttg ctcaggaaat taaggaattt ttatgacaag 52027614

gagatgtgcc tgcttttctt ttcttttttt tttctttttc ttcttctcct 52027564

tcttcttctt cttctttttt tttttttttt tgagacggag tttcgctctt 52027514

gttgcccagt ctggagtgca atggtgctga cttggctcac tgcaatgtct 52027464

gcctcccggg ttcaagtaat tatccagcct cagtctccta agtagctgga 52027414

attacaggtg ccctccatca tgcctggcta atttttctat ttttagtaga 52027364

gatggggttt caccatgttg gccaggctgg tcttgaactc cttacctcag 52027314

gtgatctgcc cacctcggcc tcctaaagtg ctgggattac aggcatgagc 52027264

caccgtgccc agccgagatg tgcctgcttt tctaatgaaa agaggatgaa 52027214

acgtctgatg ggtgacactc tagagtggat atgagaaaaa caagggcaac 52027164

atgtcctgca ttcgccattt agatgctgtg catgcaagga ggggaggatt 52027114

gaatctgcgg gtcttcactt tccatgagag agacagatga aagactcaga 52027064

aatagaaaca cacatgctga tatgggagat ggaagaacaa gacaaataga 52027014

ccaatctcta aaactatttt cagaaagaat ggaaaacaat ctagtggcat 52026964

gtcaataata gttgtgatca tgtgtaagat agcacattat cctttttggg 52026914

tatagtaaaa tcctcttaaa agccacgttg tacagtttgg ttatgctgtg 52026864

ggtcatgttg ctccaatcct gtcctgaaga tggggtttga tctttggtgg 52026814

cctctctact ggagagtaag gcaaagattc tatgaaggta gcagcaaatt 52026764

caccagcaag attcaatgac ttttaatgtc tctcacgtat atggaatata 52026714

gaatatatgg tacaataaat agaatatatt agaatgtata atatatggaa 52026664

tattggaata ttatatagaa caatataaat gatagaagac ttcaatgaat 52026614

ttgatttttc attagcatat aagttgaatg tatacaggac aatgtacaaa 52026564

tagtctatat atagcataca ggataatatt tccaataata taatacatga 52026514

taagaagact aagaaatttg atttttcatt agtgtgtaag ttgattaaag 52026464

tggtggcttc tgggatatac aaaggtactt gaaaagtttg tgttgaagac 52026414

gtccttccta tataacaatt tgtattattt tactgttatg tgaatttacc 52026364

acatctgact cctgtctaaa taatcacaaa tttagctttg gtgggggtga 52026314

gaaaaaataa ttgaggtttc actaacacat gccctacctt ccacttaatt 52026264

gacctaggac ttccacaggt gctatgaatt cttagttcag aatatcagct 52026214

ataatatttt gctttccgta ttcatacttt agGAGGGACC ATCCTCAGCA 52026164

TCTCAGGAAT AGGCTTCAGC AGGGACCCAG CTTTGGTTTG GGTACTTGTG 52026114

GGCAATCGGT CCTGTGACAT TGTGAACTTA ACGGAGGCGA GCATCTGGTG 52026064

TGAAACCCTG CCAGCCCCCC AGATACCCGA TGCGGGCGCT CCCACTGTTC 52026014

CAGCTGCCGT GGAGGTCTGG GCTGGCAACA GGTTCTTCGC CCGTGGTCCT 52025964

TCACCAAGCT TGGTGGGGAA AGGCTTCACC TTCATGTATG AAGCGGCAGC 52025914

AACACCAGTA GTCACTGCCA TGCAAGGAGA AATCACAAAT AGCAGCCTGA 52025864

GCCTGCATGT GGGAGGAAGT AACCTCTCCA ACTCAGTCAT CCTTCTGGGG 52025814

AACCTGAACT GTGATGTTGA GACACAGTCC TTCCAGGGCA ACGTGAGCCT 52025764

GTCTGGATGC TCCATCCCTC TTCACAGTCT GGAGGCTGGC ATCTATCCTC 52025714

TCCAAGTACG TCAGAAGCAG ATGGGATTTG CTAATATGTC TGTGGTGCTC 52025664

CAGCAATTTG CAGTGATGCC TCGGATAATG GCCATCTTCC CATCGCAGGG 52025614

TTCGGCATGT GGTGGGACCA TACTTACTGT GAGGGGGTTG CTTCTTAACT 52025564

CTAGAAGGAG GTCAGTTCGG GTTGACCTCT CGGGTCCTTT TACTTGTGTG 52025514

ATTTTGAGTT TGGGAGACCA CACCATTCTC TGCCAGGTTA GCCTGGAGGG 52025464

TGACCCCTTG CCTGGAGCTT CCTTCTCCCT GAACGTCACA GTCCTGGTCA 52025414

ATGGGCTAAC CAGCGAGTGT CAGGGGAATT GCACTCTTTT CATAAGGGAA 52025364

GAGGCAAGTC CTGTCATGGA TGCCTTGTCC ACAAACACCA GTGGGTCTCT 52025314

GACCACTGTG CTGATTAGGG GTCAGAGGTT AGCCACCACA GCTGATGAGC 52025264

CGATGGTATT TGTGGATGAT CAACTTCCTT GCAATGTAAC TTTTTTTAAT 52025214

GCAAGCCACG TTGTGTGCCA GACAAGAGAC TTGGCCCCAG GACCCCACTA 52025164

CCTGTCAGTT TTTTATACAA GAAATGGGTA TGCTTGTTCT GGTAATGTTT 52025114

CCAGACACTT CTACATTATG CCCCAAGTGT TTCATTATTT TCCTAAGAAT 52025064

TTCAGCTTAC ATGGTGGAAG CCTCTTGACC ATAGAGGGCA CAGGCCTGAG 52025014

AGGACAGAAC ACCACGTCAG TCTATATTGA CCAGCAGACC TGCCTGACGG 52024964

TGAACATCGG TGCTGAGCTC ATCCGGTGCA TTGTTCCCAC AGGGAATGGC 52024914

TCTGTTGCCC TGGAAATAGA GGTAGATGGA CTTTGGTATC ACATAGGAGT 52024864

CATTGGTTAT AACAAGGCCT TTACCCCAGA ATTGATCTCT ATTTCTCAGA 52024814

GCGATGACAT CTTAACCTTT GCAGTGGCCC AGATCTCAGG AGCTGCAAAC 52024764

ATTGACATTT TTATAGGAAT GTCACCCTGT GTGGGTGTCT CTGGTAACCA 52024714

CACCGTTCTT CAGTGCGTGG TCCCTTCCCT TCCGGCCGGG GAGTACCACG 52024664

TCAGAGGCTA TGACTGCATC AGAGGGTGGG CCTCATCTGC CCTGGTGTTC 52024614

ACCTCAAGAG TTATTATTAC AGCAGTGACG GAGAACTTCG gtaagtcaag 52024564

caaataagac agcacacttt ctttatgtaa atgaattggt agctcctttc 52024514

acttctggaa agtagaaaat taacacaatc tgcctgatgg aaggaaagag 52024464

aagcccactg gcttcttaca atcccaattc cttcctgagg cttgtctttg 52024414

ttatgctctg tttatgaaga ttttttttat ttttatcaag gaaactgtgc 52024364

atattctcta aatgtttgat tgtattttaa tttgatgcat taactggatt 52024314

tgtattttaa attaaataac accatttgta agagctcata atttgatcat 52024264

ttaagaacgt aaatgccttc acctagtttt agaccctatc tgccaatttg 52024214

cgttgtttaa aatttattaa gtatgattaa atttttatca ttttgtaata 52024164

tttcacaggt ggactcatat ttcaacaata ataagccaaa tgcacagaac 52024114

aattaaattg gttggactgt tttctccgtt tagatatacc aaaaattgcc 52024064

tagcctttcc ctccagtgaa gaaaagcttt caatttctat tcacttaaag 52024014

ccttgttgca cttgagatag ttcaaatttg gttgtgattt agaaagtaag 52023964

gaaaaaaact atagaaacag aatcttagac tgttggagta ctaactaaga 52023914

catttcttag aaaaaatttg gtctcagctt ggtggaacac tgtggggact 52023864

aggatttggc tctagtctat cactaatttt gctaatttat gcttgacttt 52023814

tctgagactc agcttcctta tttgataaag gcactactcc ctaagattcc 52023764

atgttttttt atgatggaag agcagggaaa taagaaatgc atcttaaacc 52023714

aaaagcatta tttttgagtt agtcaagtgg ctaagtacca cctagacctg 52023664

gtatgaaggc agtagtgagg ggaactctgt atctcagtgt aaactagaaa 52023614

tgtggactgg ttttactcat acaaatgtcc caaaacatgt acagttattg 52023564

catcactatt aacaatagca aaagaggaga aaaaatggaa atttcaataa 52023514

ataggaaaat tgtcaaataa attgtagcag ggccctataa tggaattcta 52023464

agtagctact aaaatgaact ggatccatag agttttgaaa aaacatctat 52023414

gctatacttt gaagcaaaaa agcaagttcc agaataatat ggatagaata 52023364

atgctttgaa tcagaaacat agatgcttaa aaattctgga aggagccata 52023314

agaaactcta tacctgggta cctccgggga gggagtcaga tggttggggg 52023264

aatttttatt ttcattttat ggctctttga ataaaaagtt taaaaactat 52023214

aaataagcat taattttcca tataaaaatt gttacattaa aaaaaaacct 52023164

ctttaacaca ataggatatt gaatgtgatt ggagtcagac aaggccagag 52023114

cctaagtgga gaggaaactg aggccagcag ccacctcaag ccagttgtgc 52023064

ggattctgag gatgtgaaaa gaagaatggg tagtgaggaa gcaaatgttt 52023014

gaattttgag ttgagtaaag aagggagatt tgcctgtatg atcaagaact 52022964

tgtacctttg tctttaaagG CTGCCTGGGT GGAAGGCTGG TGCATGTGTT 52022914

TGGAGCGGGA TTTTCTCCAG GGAATGTCTC AGCTGCTGTG TGTGGTGCTC 52022864

CCTGCCGAGT CCTGGCTAAT GCTACAGTGT CTGCCTTCAG CTGCTTGGTT 52022814

CTGCCCCTGG ATGgtgagta aagatgccac acacatatat tttaaagcat 52022764

atatatggaa atgatattct ttggttaatt ctatttttgt gattaatgct 52022714

gtactgacta ctaatttctc tatgtgtgcc taggaaaaga atttctctac 52022664

tcctcatcta aaatgatagt tagaatctga ggccacctgt taaaatgatt 52022614

catcataact tttgtcatat taatatgtca atgttagatg aatattgaaa 52022564

cacttatcac ctgtgttctt aactgcagtc ttaggatgac agaggaagta 52022514

attctgaatt ctgaatatta gtttcaatga cagctatagg agtcatggag 52022464

gaaacaagct cttggctttg ttctgaggtg aggttgctga agacatctgc 52022414

ttattggagg taccagtaaa gggatggaga ttttcaagct ggatatcact 52022364

tgaaaattag ctttgtgtgt tcagttttcg gtttcttatt ataggcaaaa 52022314

gagccaacac tcatgttgtc ttcttgtttt gcaatactca cataattact 52022264

tatttcttat tcagtaaaac accacaattg ctcactactt taagctgcgt 52022214

agtgatcata taaattgtgg tatgagaagc cgtgtctttg tggggaaaga 52022164

gatgagagag taagttgcaa agcttgggga ttcacaacac atggtaatac 52022114

cccactgagc ttcaggaaat aaagtcaaaa ggaagaaatt actgttatta 52022064

ctacaggacc ttactacatt tgagatagct cacatttagc caggtgatta 52022014

ccttatttgc ctaatcataa atcttgtacc tgtgcactta accgtttaca 52021964

tacctccttt ctgtgtagtg tttaagtttt attcctaatt tatttgtctg 52021914

caacttgaat gtgggctaaa gatttacaaa atgataaaag caccacatca 52021864

tctgagcttg gatgagaatt taatgatgga taatgctatt gtgatggaaa 52021814

tttgtgctgt gttgtcttat acaaagagga gaaggagggg aaggaggagg 52021764

gggaagaggg aagaggaaga agaaggggag gagaaaaaaa tttttgttaa 52021714

aatgctagaa attgagtttc ctattatcat catgtatata aacacattat 52021664

ggaagagaga tagagtccac aatgggaaat ttaagataca atagaagatt 52021614

gaagttcaaa acattgtctg attcactgct ctacctcctc tgctaggaac 52021564

agtgttgcag agggtatgtg caaaattagt gcttggtgag gaataaatga 52021514

gagatagcat aaacagaaag ctaagactgc acatttatag gctctaattt 52021464

ttaactaata ctgctacatt ttttaaaaaa gctttcatat atacactgct 52021414

caaattaata tacttttaaa agccccgtgt tattatttca aaacacttaa 52021364

tttcaactag tataagataa aaatcaatga tgtttcagga tcaggtaagt 52021314

tgtgatattt taagttttat aacttcttgg ggaagaataa taaaataatt 52021264

attgtgttta gaaagattta gaaaagaact caacattcca tgatttttta 52021214

aagaggaaaa ttagttggaa actgtaacta tttatatggc cactaggtgt 52021164

caccaaacac tcattgattg tgcaaggcac acatttactc tagaggaatg 52021114

cataatttaa ctaattttcc tttcataaaa aagtctttta aaagactttc 52021064

aatcacaatg tctaaagatt gagaggaaat tgtgagagcc aactccagag 52021014

gtttcttact taagatccaa gatgggattt ggggattctg ttaacccgct 52020964

gaaactggat gaagcatttt gagtgtatga ctgtgtattt tttttttttc 52020914

cctaggaagt aggtctataa tggacatcaa atgtcaaagg ggataggtct 52020864

tagacattac tagaaactac tactaatttc tccattttca gacaggattg 52020814

agtacaacca agttagctaa aaatcacttg tatttttaaa gatttttcag 52020764

gggagaattt cccagcagca acccttacaa gtgtttcgca gttgctcttt 52020714

tcagagaaat ccatcctctg cctaatggat gctcccctac tctaattttt 52020664

tcaaccttaa tcagcgggtg gttctttgga aagtggagta ttcttagttc 52020614

ctctatggca gcagttctgg aagtgtgctt cccagagcag tagctgcaag 52020564

ggcctcaccc gggagcttgt tagaaatgtg aattcttggg ccctactgaa 52020514

tcagaaactt tccaagtaaa cattttagta tctcactttt cagccctctc 52020464

tgaaatccta tattctttcc taatttgaag ccccaaatga ggaagctgtt 52020414

ctatacaagc aagttctggc caaattgggt agcatcgtaa gatgcctgtg 52020364

tatcgtctga tcccatgttt gtttgtacaa ttatactgca gtcttgctgg 52020314

ttaataagct ttctgttacc tactgttatc ccaaggggtg tgtgtgtgca 52020264

cgcacgcatt tctaccatgg ctgtgcacag ctggactttc ctcatattta 52020214

tatgatttct ttttttcttt tgtagtttac tgtcttactc ttttcatttg 52020164

ttcttttgtt tatttctgtt aacttctctc atttaccaag gtcgctttga 52020114

attctgaccc gtgctttgag tttttttctt cagtttgact ttgtaccata 52020064

gagtgatgtt tcacattcca ggttacagat aatgaccctg aactcaaacg 52020014

ttcttaatta ttgttttgtt tatgcctgtg ccacagaact aatatgtttt 52019964

ctttacatgt gtggggcagg gggagttaaa gcagggggct ctacaaatgt 52019914

gcttttgcta ttttggaggt cacccatttt taccatcccc acaaactgta 52019864

cttctaacca taggagaaat ttcctttttc ttgtaatgag ttgccaaaac 52019814

atcctgttag gtgaaactaa tactttgtgt ttgtttaaaa tgagcaaaat 52019764

ctttgatctt tggctttctt gcatttatac cttgaattat accacatgac 52019714

attttcatgg aaactttaac ttttccataa ggcatggaaa gctaaagtga 52019664

ttaaggtcac gcagctattt agtggcagaa ctttgagtaa aacccataga 52019614

ttttgatccc cagccctggg tgattttcat aatcctgctt gtcaatttgc 52019564

atctacttaa tcacctttaa tgaattcatt attttatagg tgtggagctt 52019514

gtttttattt gccttagggc ttactaactg gaaagttctt atgttttgtc 52019464

tgttcataca agagtcctac tgtcagtcat ttttattgct ctaattcatt 52019414

caaaacacat tcacagccaa cctcctaggt gccaggtgct ttagaatata 52019364

acagcaacaa tagtactatt tgggcatgat tgcataacta caaaccctcc 52019314

cccacgtact tatctcatgt aacccttgcc acagcactgt aatgaggcgg 52019264

ggaagcacag gtctaagccc acggcccttg ataacctctg ttgcattacc 52019214

cacatgggca ggcttgctgc agaggaagca ggctacagag atttttttaa 52019164

attttccctc tttattaagg ttttcagaca gagctgctcc taaaccatct 52019114

catgtggagc tttgttcatc ttctagttaa agatcattcc cagtctgcct 52019064

catgatgctt tttatatgtg ggtcatgact cagaaaaaaa tggcctgaga 52019014

gtcagcatgc ttcaaatact tgctttttat ctctataaca tgctaatgtt 52018964

tataattatg tgaaaatcaa gaaattcata aacttatcca agtcaataag 52018914

acaaacaacc caatagaaaa atgggcaaat gagagaaaca ggaatttcac 52018864

agaagagaaa acatgagttg ttaccaaaca taaaaaagtt ggtcaacttg 52018814

gccaggcacg gtggctcatg cctgtaatcc tagcactttt tgaggctgag 52018764

gcaggtggat tgccagagct caggaattca agatcagcct gggcaacatg 52018714

gtgaaaccct ctctctgcta aaatacaaaa gatcatccgg ggtgtggtgg 52018664

tgtgcacctg tagtcccagc tactcaggag gctgaggcag gggaattgct 52018614

tgaacccggg aggcggaagt tgcagtgagg tgaaattgtg ccacaagcct 52018564

gggcaacaca gcgaaactct gtctcaaaaa ataataataa taataataat 52018514

tggtcaacct aaaagtaatg attgaaatgc agattaagac gacagtgaaa 52018464

tgccatttta cacacctgat tggcaaaaat taaaagtctg ataatttcaa 52018414

gtgcttgtaa ttatatggag taatgggaac ttacaaatat ggctggtagg 52018364

aatacaaaat ggcacaacta ctttggaaaa caatatggca ctatcttgta 52018314

aagctgaact tgtacctact ctttgaataa gaaattttct tgataggcat 52018264

gcaccctaga tgaaattttg tacgttttta gtagcaaaag ctaggaaata 52018214

ccaaaaagtt cattgataag agaatagata aatttattgt ggtagtttca 52018164

tgcaatacaa tattgaacag cagtgaaaat gtattaacaa tagttatatg 52018114

tagtaatgtg gataaatctt gaaaatataa tatggaatga aaaaatcaga 52018064

cccaagaata ttttatcatg tatcatattt tataaagttc aaaaacaagg 52018014

aaaactcaat ctcttgttta ggaatacaaa tgtttgtgat aaaactattt 52017964

aaaaaatgcc aagtggttat ttctgagaat gaggaggaaa gggacgaact 52017914

tggggagaaa cacacagatt taagtgtatt ataagtgttt tatatcttat 52017864

gttggctggg aaattcactt gagttttttt tatgatgatt attcatattt 52017814

tacaaaaatg atacttgtat ttttctgtgt acattacaca tatacaatac 52017764

attttaaaaa aagtaaactg ctaacttcat attcctattg gtcaaaggag 52017714

gacacaggaa cttcatttgt gaaaccgact agaggcctta ggttctctct 52017664

gtggttcttt cctaatggtg actgtttcct gcagTGTCCT TGGCCTTCCT 52017614

GTGTGGCCTG AAGCGTGAGG AGGACAGCTG TGAGGCTGCC AGACACACCT 52017564

ATGTGCAGTG TGATTTGACA GTTGCCATGG CGACAGAGCA ACTGCTTGAA 52017514

TCGTGGCCTT ACCTCTACAT TTGCGAGGAA AGTTCCCAAT GCCTCTTTGT 52017464

GCCAGATCAT TGGGCAGAGT CAATGTTTCC ATCATTCTCG GGCCTCTTTA 52017414

TCAGgtaact ttaccttctc cctccctgaa cttccccaca aatgcttggc 52017364

caatggaccg atggagccat cagagagtgt aggctgggtg gatgtggcct 52017314

ggcagccgtg gtaagggcta caactctctt ggaggggcca ttccattgtg 52017264

gattccagcc agcctgcata tcaaagcatc tcctgtcttt ttcaactgtt 52017214

taagagaaca tctgaaaaat ctgcccagta aacagctcgc tttgttcttg 52017164

cttagatttt aatatttatc ttccgatcca aagcaacatc tggtgaatgc 52017114

caatggggaa aaagattaga cgttatgaaa aacagaaggc tttttccccg 52017064

ctttcctttt tcttttcttt ccaaacagat tcacaagtat gaaaaaaagc 52017014

catagagaaa tccagcagat tgtacaatgt ttattcaaaa gaaggagggt 52016964

tgcataggcg gaattactgt agatctagga tttagaagcc ataagcgtat 52016914

aagcattttt ttaacttaaa aaagaggctg acaaataaac accacaactt 52016864

tccaagttaa cccccctttt ctaaacaaat aaaaaagaag tgtgaccatg 52016814

ctagtaattc tggattgctt tcatttcagc aaggagttcc tttcctatac 52016764

agggcagtgt ctcatgactg aacattgtca tgtaaacttc tttatgtctt 52016714

acgtagatag agtggctacc tttgattatc taatgaaggt ctcttttctt 52016664

tttcttttct tttttttttt ttttttttga gacagagtct tgttctgtcg 52016614

ccaaggctgg agtgcaatgg catgatctcg gttcattgca acctctgcct 52016564

cccaggttca aggtactctc atgcctcagc ctccccagta gctgggattg 52016514

caggtatata ccaccacgcc cagctaattt ttgtattttt agtaaagaca 52016464

gggtttcatc atgttggcca agctggtctc aaactcctga gctcaagcaa 52016414

tccacccgac ttggtctccc aaagtgctag gattataggc atgagccacc 52016364

gtgccccgcc tcttttctta taaaatatga aactaaacaa gaccacttcc 52016314

ccacggtgaa agagataacc agctcttttc atggcatctg actttgtgat 52016264

gtcctgagac agtttgtgtt ttagtgtgaa tttggcacca gaggtttagg 52016214

tttagctgga ggaaaagagg aacctccttg gctggttgct ttctaaaagg 52016164

gcaagaagaa ctctgtttag ctcacacagg aaatggagtg ctgggtattg 52016114

tactcaggtg agactggatt tcagaactta ctgatgctgg acaccaggaa 52016064

gtacatgtca gtaggtcctg gctccattga attcagggac ttcatctgaa 52016014

tccccaaaac tcttctttgg ggttcttcca tgctcttcct cttcattgta 52015964

tgggatggct gaagcaactg agcctcagaa cgcattgaca gtatagcttt 52015914

acctatgaat atcatttcaa tagtgctgct caatgttctg gctattgcag 52015864

taggcaaaag tgggtatgtt ttcttttttc tttttttttt gagactgagt 52015814

cttgctctgt tgcccaggct ggagtgcagt ggcaagatct cggttcactg 52015764

caagctctgc ctcccgggtt caagccattc tcctgcctca gcttcctgag 52015714

tagctgggac tacaggtgct caccaccacg cccggctaat tttttgtatt 52015664

tttagtagag atggggtttc actgtgttag ccaggatggt ctcgatctcc 52015614

tgacctcatg atctgcccac ctcagcctcc caaagtgctg ggattacagg 52015564

cgtgagccac tgcactcggc caaaagtggg tatgttttct tgagtaagaa 52015514

ttataataag tgccctatga tttaaacaaa caaagtttaa tggggatgag 52015464

agtgggggaa actggcagcg gtctttttgc cagtgggaag gtaaggtaat 52015414

gcaatcgtca gaggacaatt tgccgattca cgaataacct taaattcttt 52015364

atactctgtg acccagcaat ttctctttta ggattttaag aaagtagata 52015314

gaaatgtgta atatttataa caatcatgtt ctttgaagtt tcaggtatca 52015264

aaaaaaattt gcaatgaaac aagttttagt aataaagaat gtatccaaat 52015214

gatatgatac taagtcacct ttaaaaatta ggatgtagaa tatttaacca 52015164

gacagggaaa tatttataat atattgagaa gtgaaaatca caggtctcaa 52015114

aagagtatat caatttgatc ctactgttgt atatagtgta tatgtttgta 52015064

cacacatagg ttactagaga aaaggctgga aagatgtatc caagaatgtt 52015014

gatggtgcct atctctaggt ggttggagta ctgaccatat ttattttctt 52014964

cattgagttt ttatgtgttt ttccagggaa cacaatgctg tatctccctg 52014914

ccatccacaa catctatggg gtttgatgtc atttggcaaa gggagaagtg 52014864

catctgtggc aaaaattata ccctgtctat tcgtccgtcc atccatccat 52014814

ccatccatcc atccatccat ccatgatcca tccatctatc cagtatattc 52014764

atccatccat ccatccatcc atccatccat ccatccatcc atccatccat 52014714

ccatccatcc atctatccag tatattcatc catccatcca tctatccatc 52014664

catccatcaa tccattcatc catccatgat ccatccattt atccagtgta 52014614

ttcatccatc catccaccca tccattcatc catccatcca tgatccatct 52014564

gtttatccag tatattcatc catccatcca tctctccatc catccatcca 52014514

tccatccatc catgatccat ccatctatcc agtattgatc acatccctac 52014464

tctgttctag gtgttgtgac aggtactggt ggctcattcg tggatgtcat 52014414

gaaagtccct gccccttaag ggtagagaag aaagtcagat aataaacagg 52014364

atgatcacgt gttgtgataa gtgctataaa gtgatagaaa aataaagggg 52014314

ggctacttta gagagtgtac tcagaggagg cttctctgaa gaagtctttt 52014264

atgttacgaa gagaagcagg tgtctttatg gagggtgagg cagtggcagc 52014214

agcaaatgca aaagaactgt cgagttttat gactgttcag aggctaggag 52014164

ggtgggagta gactgagaag gaggaaaagt ggccccagat gagctcggag 52014114

agatatgtaa ggcattgaag gccaaagtaa agagtttgga ttctcttcta 52014064

agtgaagatt aagtaatttc ccaaagtcac acagtcaagc catggcagtg 52014014

ttgagactgg aactcaaggc ttctgatgca gtgtgcttag tgcaatgctg 52013964

tgctggcagc ttcagtgtga gagccctggc tgagctttgt gggttcagtg 52013914

aggtttcaga gccacaggaa gcaacttcag gggaagtgag ggagagaaaa 52013864

tgcctgcaaa ttgttttccc tacctatcct aaggagcaca gccaaggtta 52013814

cttgcttact ttaggatcta atcagatcaa ctaaagaaca atagtttggg 52013764

agtcaggagt cttagatact agaacaatct ttgccaccat ttttacccaa 52013714

tattttaaac catatccccc aaagtaaata tgtgtgtgtg tgtgcagtgt 52013664

gtatgcatgt atatctgtat ctgtatctgt acatatattg atctctctgt 52013614

ctatatatgc ttatgttgca tatatatatg cttatattta tatttaaata 52013564

tggccaactg tgcttcttaa ttcataggat tattgtggaa gaaaccatgg 52013514

aagagtagct agctatttag aagctttgaa attttgtaaa tgttaaccta 52013464

ttttggatat cctggtgtct cagctaattt tggtgatggc tttttaatga 52013414

aaaacatttc tagcaaggta gttacaaata tggaaaaaag tgtgagctga 52013364

agctggtaaa caaaaagtcc aagctaacag aaaggggttt aattctcttc 52013314

agagcaagaa taacatgctt agtgaaaaca gtgtgttcct aacaggcaaa 52013264

cagagggtag agtgactcag cccattttac ttgtacctct gccagcgaag 52013214

agtcaggaaa gggcataaga aggtttatga ggcaagtgga agcccaaggc 52013164

caagaaagga tgtagaagga agttggtcac tactttcctt gagttcaagt 52013114

ctgtagtctc agatcattca taaactgggt acaaaaaact cactcttatg 52013064

attgaggacc tattgctggc aatgaaccat gagaaggggt cacataacag 52013014

aggtgatggg cagatattct atgaacctaa aaaaaagagg aggaattctg 52012964

gaaatttaga caactaagct tggtgttatc cctgacaaaa ttctagaatg 52012914

aactattcat cagatagttt gtgagccttc agaaatgaaa gtagccatct 52012864

ggaaaccgat ttacgaagaa tgtgatggtg tgggaaacca acttcatttc 52012814

ctttctgata ggtttataag tgacttatga tataaacata gcgggagacc 52012764

ttcacaaact attccaacca cttctccacc cccagtaaca aaaaaaggtt 52012714

ctaggtgcaa agcccaaagt ggcctgatgc aagcctcaag ttgctctgaa 52012664

gtgaggtgtt ttaaaagtct gcgtgaattt tgcatttgat tccatcacat 52012614

ttctgtattg atctaaatat tacattgcat tttaatttaa aagttaaatt 52012564

actttgcttt tcctttctga atcttggaat acgactgatg ctccaggagc 52012514

aaaggatgga tttatcctgt gactttgtct gccctgtgga cgaaggatca 52012464

gcgaatggat ttacagctag atagcaggct acagattcaa aacaaatttg 52012414

agcaacaggt ctaaaccagt gagagatatg taacaataat aaatgtaaat 52012364

ttccacattt acatttttaa caataatgct actaaaacta ctacctccaa 52012314

cagctataac gcgagctgcc tttattggat tcgtattgtg tgccaggttc 52012264

catgctaatc tatttatatg cttcattttg ctcagtttct tcaacacctc 52012214

cacaaaatag gtacttgatt attggcaact ccattttata aatgtggaaa 52012164

ccaaagctta gtgaagtaat gtcttcaatg tcatgtagat ggtaaccatc 52012114

tgccccggga ttcagatcca gctgatctgc ttctgagcct aagctttaca 52012064

tgccagtgct cctcagaaaa tcatttgaac aaacacacca tggtgaaatc 52012014

ctcagaaagc tgcagctctg agactttgaa ttgaccacta tctaagtata 52011964

agcacggtgg ccttcaaaat gaacacagta tcaggtaccg tgagaaggag 52011914

gctcagataa aggcagaccg gagtcccagt ggtcagccca aacaatctgc 52011864

gttcagatat gggtggcatg atgttaacat attgacagtc tacattatta 52011814

ggtctaaagg actgtgggtt tggaagtcat gtcttaggta gatacagagt 52011764

ggagaatatt ttagcatgaa gaagcgaaga ttaagtggtg agatgtacta 52011714

gttatcctgc tcattatttc tagaaaattg tggaagaaaa cattttgaca 52011664

ttgatttgaa aaaagatggt agggtttgac atggtgtaca gtttctcaag 52011614

tggtgacctt tttgcccttc tctccaccct tcctggtctt cccatgggat 52011564

ctgccatctt cctggctgat gttcaatcag catttcaaaa cttgagagca 52011514

ctgctctggg aaacaggacc atctggtttt gacctcggag ctaccgtagt 52011464

tctgtgtttg actttctgag aatctcttga tctctttggg ttacactttt 52011414

tacacctctt cctaatttat aggctgaaat gagatcatac atgtgaaatt 52011364

gttgacaaat atgaaacatc atgcattatt attactgata atttttgagt 52011314

tagttgcaaa aatgcctaca gccaggatga ttcttgaata aatatcacac 52011264

ctgttgagga tgacaccctt cactatccat gtcctcacct ctagatggca 52011214

tatttttaga ctttctgtaa tgctacactg ctgtttttta ttttaaatcc 52011164

agtctggctt ctccccttaa agcaagagga cttttaaagc gagtggctgg 52011114

tagtataact ggcacatata ttgaatctcc ttagtctggg ctgttaagta 52011064

agtttaatta atttactaag ttaatgttcc actgctagca acagagcctc 52011014

attgccatca gctgggaagg gggaattgca agcctaaatg agctcatttt 52010964

ttcacagttg gaattaggga ccagttagcc agttgtgtgg gttttccaat 52010914

ttctccatct gccctagggg gattcaggca attactcccc caacactaag 52010864

tatgagtaag agcaggaaga gggaagggga aaagaaaaaa aataaaaaca 52010814

aaaactctcc cagacgtttg ttaccctttt tggaactgga agtattgtcc 52010764

ctgcatttct tgttaagctg ggctaggagt agcttttgct aatgttttta 52010714

atagattcgg aaaagagaaa ggcctcagtg aaagatattt accatggtgc 52010664

attttcattg cagggtgtgc agataaaagg aaaaacaaat aaacaataaa 52010614

agaatggaaa caaaattaca gaaatttgca aaatttgaca aatggtggcc 52010564

tgtagttgcc acaagctaat ggcttgcaat gattaataag agtaaaaata 52010514

attgcatttc attaagattg atgacacccc atttaacctc ccctctcgtt 52010464

tcagCCCTAA ATTGGAAAGA GATGAAGTTC TCATCTATAA TAGCTCCTGT 52010414

AACATTACCA TGGAAACTGA GGCAGAGATG GAGTGTGAGA CGCCCAATCA 52010364

GCCAATTACC GTCAAGATTA CTGAGATACG GAAACGCTGG GGCCAGAACA 52010314

CTCAGgtata atcaaatctt ttttacagac tgattcaaac agctcaaatt 52010264

aaatttgtaa tattgtgtac attaaaaaaa caatttagtc caaatggcag 52010214

cgatatataa tattaaatgt gctcaaactt tgagaagctg gtctaatgca 52010164

caatatctga attcatagtt aactctggtt aatcatatat tttctcaaaa 52010114

ataaatgagt gttgcccggg ctctttcaaa gcaaattctg agcagataat 52010064

ctgcttggca ttttgtcctg atttctgtat gcatgtttga aaggggctct 52010014

ctgtggttta tttcttcaca aaataaatgg cctacgattt aaccagatcc 52009964

tactggaagg cttccaaatc actcagccgt cctcagcttg gcgggacagc 52009914

aatgtctgca ggtccattcg gttcatctct gtgccatggg ggagcagagt 52009864

ggaaacttca gcttctgagg ggattacgtg gacatcagaa acgaaaagga 52009814

cctcagggtc attcggtcta gcctctctgc ctcaattcac ccattttgaa 52009764

attgtctaaa ccactccctc caagtggctc ttctaaaagc atgtttgtaa 52009714

gtctccagag aggaattcca cagccttccc cgggaatttg cgagaattgc 52009664

aatcagaggc tcagggctct ttggaaatgg atcagataat cttttacagc 52009614

tccccaggct tctcacggca caaagataaa aaataatatt tattgagcac 52009564

ctactccctt aggtgccttt ctctttatga aagcagttct cagatttttc 52009514

tctttttgtc tcttttattt ggaacaaaca tttattgagt gcctattatg 52009464

tggcactcgc cgtaccagat tctcttgtga atgctgctgc agtcaaactg 52009414

tcctaatcca aaagtcagct tcctggcttc aaaatgtgtg ttcttctata 52009364

acttttgtac tggtgctgaa aatgtatgcg atggcaaaca acattttttt 52009314

tctgtcctta ctaaactgtt ccgtgcctac ctttccatgc tcctgggtcc 52009264

tcaactgtcc actctgtggc ctctgcaggc ttctccctca ccttgacctt 52009214

cccttcaggt gatagcctgg ggctgtcact tctcgcttca tcgtgtcccc 52009164

cacaaacacc tcttcctttc aatttactac caattttaat tctctccaga 52009114

gccgctgacc cccagtggca cttccacttt attctgcgcc tgtttctcag 52009064

cagtcagctg tcagtgacat ttcaaaagtg tattgtagtg cgctgagact 52009014

gctgtgtgac actgggtgat ctttaagcct ctctgggcct cagtttctgc 52008964

tgggtgcgta ataacctggt gttgttggga tgcttagatg tgcaaatgct 52008914

tgtgaaagag ggagaggcag gctgacctag tgtttaagtg catggacttt 52008864

ggagctagac tgcccgggtt tgaatacatc acttgcttct tgggggactt 52008814

taggcaggtt ctttaaaccc tctgtacttc agttttctca tctgtaaagt 52008764

agggtcaata atagttccca cttcataggg ttggtgtgcg ccactgagag 52008714

ctgcatctca cacatggtaa atgtccaatg ttagccatta ttggcagtgc 52008664

tagttcacta gtcatagtgc tagaaaatga tatgaattta tttttctata 52008614

gtgcttgctg ctttgaccag atcatttcac ttcttagatt tatttaattt 52008564

cccatcatct caaagtctaa ttttgatttt ttttaggctt aaatgcctca 52008514

ctcatttaaa aatccttatg tgacatacat ttgagttcca accatgttca 52008464

aggttctcta ccatgttctg aaggagattt aaaaaatata tggaaagaga 52008414

ccccactttt aagagatatt tgggaagtga ggccttatgt ggaagtagtt 52008364

aagtttcaaa aaagggtaca tagagtcaat tcatcacagc tgggtggaat 52008314

gttggatgcc atacagaccg gccagttcat ttcagagatg agttaactga 52008264

gattcataat gaggggtggt tgataaaggt cacaccggta gttatctggc 52008214

ctcataaccc atgtggctat agtcattgtg ggggaagtaa gccatttaat 52008164

ctttaggaac taggaatgtg tctagtgcca gtgtgtaggg aactccagtc 52008114

ctgagggggt aaagaggaga tgggtaccat cattgtaggt ttcagatgtg 52008064

atgtgttaca ctcaagtgtt agtgataatg tcatagtttc gaacagtcta 52008014

ttgggagcag ggccctatca agtagccaga agcacacgag ggaacaatgg 52007964

cagggattta tggcaaactc agtctgaact tatggctgcg tttagctcca 52007914

atgggaccct aaagaataga acaagagtct caggcacacg tcctgtcgca 52007864

tcgactggat caatatggtg gaagttagga aataactatg gctggcacac 52007814

agtggcctgg agtccagaaa aacaacattc tgtataatgg gaaaattgtt 52007764

aattctagat tctactcttg ttagggtggt ttggtttgat ttaggaactg 52007714

gatataatga agtctatagg tggagggctt ataactaagt gactatgtaa 52007664

tttatcaccc aaaccaggat gcttttgaga gtgcaaggtt cacaatgaat 52007614

gattatgctg ggatagtatg tcacccttgt tggggtgtgt gattacccta 52007564

cctgggcttg ggaacagaac aacttgtcat acatatgtga tacatggtta 52007514

ccctacccat gttgggatgt acaatttccc taccttggcc tgggaaaaac 52007464

atgccaccag tattatgatg catggttatc tgggcgtggg gaagaccagc 52007414

accaacaagt gcttaatcag gactacaatc caggtccctg ttccaaattc 52007364

aagaattcct tgtgtgggaa ccttggaaca ctagaaaagg aaacatttct 52007314

acactgctgg tgggaatgta aactagtaca atcactatgg ataacagtgt 52007264

ggagattcct taaagaacta aaagtagact accatttgat ccagcaatcc 52007214

cattactggg tatctagcca gagaaaaaga agttattata caaaaaagat 52007164

acttgcacac gcatgtttat agcagcacaa ttcgcaattg taaaaacatg 52007114

aaaccagccc aaatgcccat caggaaacga gtcaataaag aaattatggt 52007064

atgtatatat aatggaatac tactcagcta taaaaaggaa caaattaatg 52007014

gcatttgtag caacctggat ggaactggag acgattattc taagtgaagt 52006964

aactcaggaa tggtaaacca aatatcgtat gttcttactc ataagtggga 52006914

gctaagctat gaagatgcaa aggcataaga atgatacaat ggactttggg 52006864

gactcagggg aaagggtggg aggtgggtga gggataaaat actacaaatt 52006814

gggttcagtg tatactgctc cggtgatgga tgcaccaaaa tctcacaaat 52006764

caccactaaa gaacttactc atgtaaccaa atgccatctg ttcccccaaa 52006714

acctacggaa ataaaaaatt aaaaaaatat atttttcagc caggtgtggt 52006664

ggctcatgcc tgtaatccca gcactttggg atgccaaggt gggtggatca 52006614

cctgaggtca ggagttcgag acaagcctgg ccaacatggt gaaaccccat 52006564

ctctactaaa aatacaaaaa tgagccgagc atggtggcgg gtacctgtag 52006514

tcccagctac ttgggaggct gagacagggg aattgcttga accctggagg 52006464

cggatgttgc agcaagccag gattttgcga atgtgctcca gcctgggtga 52006414

cagagcaaga ctccatctca aaacaaacaa acaaacaaac aacaacaaca 52006364

acaacaacaa aaaacaaacc aaaaaatcag cccagcgtgg tggtgcctgt 52006314

aatcccagca acttgggagg ctgaggcagg agaattgctt gaacccagga 52006264

ggtggaggtt gcagtaagct aagattgcac cattgcactc cagcctgggt 52006214

gacaagagca aaactccgtc taaaatatat atatatatat aattttttag 52006164

tgacctagat gggagggcgt gaggcagtgt gggaagattg ataagatcag 52006114

tacttacttt gttaaagaat atcaagtggc tcaacaactt aatttgaggt 52006064

cctgatgtgt ttgtaagcta aacgtttctt tccattgctt cctcccattg 52006014

aggggtacag ccaagtgagc aaaaagccac tcccacatgc tttagggccg 52005964

caggactgcc tactagattc taagaaaaat ggcaagttgt cctcttatca 52005914

caagataact ggttaatatg ttgcttttca aggttggcaa taaaagttta 52005864

aaccaaaaca aattaaaaaa aaaagttacg taggttttcc taccaaagga 52005814

cttttgcgat ccttcaatac gtgaatacat aatgtggatt tctagggagt 52005764

gctgtggtgt ggactgttac ctaaactttg cctgtggaac tctttattcc 52005714

cagaatttct cttggggctg gcatctgtcc tgctgccttc actctgggaa 52005664

gtgttgtgta tgccatgctc ttcccctctc acagagtagg ggctcggagt 52005614

tgggaaaggt catcttcagg tggggcagcc aactaagctc tattaacgcc 52005564

agtggcattt gtgctatgct atgaaggaca gggtttaggt attcagcatg 52005514

cagaggaaag gcatttctgg tgggggaacc agcatgcgca aggcagcaag 52005464

gctagaaccc acaggaatag caaggagcat ggtgtgtgtg aaggggaatg 52005414

gtgagttgta ggtttggaaa ggtgggctag gattggattg tgatctagag 52005364

ttaagcattt ggtcctttga ttcagcaggt gacaagtaat ccccaaggag 52005314

tcagtgactg atcaaaggtg agctatagtc acattaatct ggcagtgagg 52005264

tatggatgaa ctgattggta aaccgacgag aggtagaagc atctcagcta 52005214

ggtgagagat aactggggca gggaaatggc agagggaatg gagaggcaac 52005164

acactcaata gtcaaggaat gtggctttct gtctgagatt gagttcaggg 52005114

aaacccaaaa aactcttttt gggttccatt tctctgtgct ctcagtttcc 52005064

aatcagagat tagagtttag ggctgctaat attggtggaa tttgcaggga 52005014

aggataccag agaggaggga gctgtgcaaa aaaggaactc tagaagtctg 52004964

caggggtccc ttgagtcctt tgccaaatag ttaaccaatc atgtagtgag 52004914

tatatttctg tgaggtctag caggctatag ctactgggag gcttgaagtg 52004864

aacatagcct ctaaggtact gggagtactt tggaacagca cagtactaga 52004814

agatttcaaa tgctgactga ttagagtgga gaaaccccac tcaacaccag 52004764

ggcattgagt tgagacctca gaaaggccac actttaggaa taaaatattc 52004714

tagctctgga gtaaagctac tctagaccca ctgaatggat cctgaaaaca 52004664

gggcttaaca aaattaaact gttatttcag taaattaatt gtctgctaga 52004614

gcaaagctca acacccttta aaggaaggaa gataaaaaaa tctccacctt 52004564

caagaacatg gcatccacaa tgtccagcat acaatcaaga acctgagaaa 52004514

aaaagcaaaa tatgcaatca actaaaacag acctatggat gatagagatg 52004464

ttgaaacgta ctagatacgg actttaaaac aactgttata agcatattaa 52004414

aggttttaaa ggaaaacaaa gatgcaacaa gagaagttat aggaaattcc 52004364

agcaggaaaa tgaaaactat ttcaaaaatt aataaaaatt atagaattga 52004314

aagaaataat atctgtactg aaaatttcac tagataatat tagattgggc 52004264

cttgcagaag acaagatcag tgaacttgta gacaaaacaa tcaaagctat 52004214

ccaaactgaa gaacagaaag aaaagggaaa aaatggatag atagtaatct 52004164

ctaagtcaat ataaagtagt ctaatatttg tgtcattgga gtagcagaag 52004114

gaaaagagag gtagaaggga tagaaaataa aataaatcta aataaataaa 52004064

tatgcaaaga ttttctaaat ttggtgaaaa ctacaaattc accgatctaa 52004014

gaagcttaat gaatccaaag cagaagaaac ataaagagaa ccattattgg 52003964

agttctcaat aatgttaata tgtcagttat tccaaattaa catttaagtc 52003914

aatgcaattt caatagaaca tctcaatagg tttttttggt agaaatttcc 52003864

agtctgatta aaaaattatg gaaatgcaat aatctaaaat agccaaaact 52003814

atcttgaaaa ggaacaaaat tggaggactt acagtctgat tttaaatctt 52003764

actataaagc tatggtaatc agttgaagtt ctaggcaaga tcttatatga 52003714

aagaaaggtt ctcctgataa cagtatgttt gaaaattctt gtggtagtgt 52003664

catagaatcc aggtgaagga agagtttgaa ggaatgtgtg ttgagactaa 52003614

tcaaaacata ccgcaataaa gaggtcctta gtgacatttg aggccacagg 52003564

acaatattgg tggggagaaa aaccagattt tggggggtta aggagtatat 52003514

gagtatcaag gaaatgcagg caactggtat agatcacaag taggaaggga 52003464

aaggggagat gcagataaat attgtggttg agtagcacct tcctcatgtt 52003414

cacagctcac tatcattagt actagagatc attttcttaa gttaaaggta 52003364

ctttgattaa agctgtggtc tttaagtgtg ttacttgatt tgacaagacc 52003314

aagactccac aggtttctca tctcgtctgt ttttctagtg actacaaaat 52003264

agctctcaga caaccctaat gtttaagtca tcataatttt ttccaaaata 52003214

tttatatttt aaaattcatt tagactcttc aatgcatatc tcccttagga 52003164

agattctcct tttcttaaag ttgaagaatt ttttttctct tgggaaattc 52003114

catagttctt aattatactt gttttaagaa atttatctct tttacattta 52003064

aattacatgt atttatttaa atatttaaac tcccaaatag acattacact 52003014

ctctgagagt gagcttcata ttggattcct ctttgatgaa tggatggatg 52002964

aaggcatata tgtctgtact ggattactgt ttaaaaggca aaccacactg 52002914

cttattttta tccccacttt ttgtttaagg agattcttct aggaaattca 52002864

tgcaatccag ctatgtgaca aatttaatat tttctttata atatacatag 52002814

ctatttagag gctaatttga aaatactttt tattccctaa ttaattttgt 52002764

ttctcctatt acagaaatca aaaaacaatt ttgtcccttt tgtcttccct 52002714

ccccttccct ccttgtcttc tccttctctc ccttctttct ttttttcctt 52002664

ttagacccac ttagtgtgca tcttcagggt tgtgtgcctg cagagagaag 52002614

tgctgcagaa agcagggttg agctagttat tagattaggg aaaaggggta 52002564

tagaaactca accattgacc cctgacctgg ctgtcctgga ggaaacttac 52002514

tgagtccctt gtgcctgtat tttctccctg aaatgaggct ccaaatgtat 52002464

gagaattacc tacttcaggg ggaggagaag ctggaaaggc agacagtttc 52002414

acatctgaaa gggctttgcc ttcttagggt aattagtcag aataggatgc 52002364

acagtgaaca ggactcctgg ggcctctctt ctaattccag caatgtccct 52002314

gtctgactac aactgtttaa caactcactt aacctttcaa ttgattggta 52002264

ctagctgact tccagctttt ggagggagga agacagtacc tataaacgta 52002214

taatagtagg agaaacctaa aagttcaaca atggcattat gatatagtag 52002164

ttgtgagctt ggactctaaa ataaaactgg atttgaggct gatccttcta 52002114

cttacttgtt atataacttt gggcaaattt tcttaacttc actgagtctg 52002064

ttaattccta ccttgtaggg ttgtaagaat taattaatgc atgtagtgca 52002014

cttaacgcag tgtctcattc atagacagcc ctggaaatgt gccagggatt 52001964

atcatttttg gttaaataca taatgagact acacaattat gaaagataat 52001914

cagtctgtga gtactctgta aattgttatg ccaagttaaa gtgtcacaat 52001864

ttatataatt gtttatggtg gtgttgtcat aatcagaact tgccgtgtga 52001814

aagaggcttt gtcaattatt tgaacttaag actttgcata cctctgtttc 52001764

ttgctgtttt tttctttttt taaaaaagaa ggaggctggg cgtggtggct 52001714

cacacctgta atcccagcac tttgggaggc cgacgtgggc agatcacgag 52001664

gtcaggagat cgagaccatc ctggctaaca cggtgaaacc ccgtctctac 52001614

taaaaataca aaaaaaatta gccgggtgtg gtggtgggcg cctgtagtcc 52001564

cagctaccca ggaggctgag gcaggagaat gacgtgaacc cgggaggcgg 52001514

agcttgcagt gagctgagat tgcaccactg tactccagcc tgggtgacaa 52001464

agtgagactc catctcaaaa aaaaaaaaaa aggaagaaat tcttgccttt 52001414

tcccctgtct ttctctcaag agtatgatga aagatttgaa agaaaatcta 52001364

gttcttaggt ttgtacaatc ttcttgccct aggacattat taccaatgat 52001314

tttaggtaat atgttgttac tactattaat gtattgttat tattattaat 52001264

caatgtaaac attataatgc atttttattt tatagaaatg gaatggcagg 52001214

tctgctatat ctaataatat gaaataaact gttaccttta actattcagc 52001164

aatgacacag ttatatttca tgccaaaagt atttagaatc atatgaatgg 52001114

gtttctgtat tcaatgttaa aataattcaa ctttgaattt cccattaaat 52001064

atgatattat aaaaatgatt taggtacagt cccctggtgt gtttgaaact 52001014

gtacactctg caaacacata aataaaaata tatctaattg gaaaaaaaga 52000964

gggaattcag gaaattagcc tgaatgcagc ttaaactcat ctgaacaagt 52000914

taattgtgcc tcttttgttt ctcagggact ctttgtatca aatgagttta 52000864

tgatattagc ctgctcctct catatcaaga tatgttatca gtaaataagg 52000814

ctgtggtttt gatgagtgtt tgtcatattt tggctcccaa aagtccttat 52000764

ttttctttac aatgtgttta aatttattat aatatcactg agtaattatt 52000714

acatcaccat ataggagttt gcattatctc agctacacta ctcttaactt 52000664

ttatcttaaa ataacagttt ctgtgctcag tggaaaaccg cgagctttat 52000614

tagccctgtg aaaatgtccc tatgaatgac agacaaaagg tagtcctatt 52000564

ggaatgtgac atgattattt atttccttct aaagtacaac ttcataaatt 52000514

gaaattattt ttttctaaat aaatactgtg tgtaattttc tcaatgaaac 52000464

catatgtcat gggatttttg tttttgacta taggagtata atgcttacat 52000414

tttttttctg agcctttcca aatatgaaac tttagctatc ctgcagagag 52000364

gcctgcttgc tatgaaattg ctatagatgg tacaatggcc tcacatgggg 52000314

attctttgga ttctacaggg gaggtgaggc ttggtaattg aagaaccaga 52000264

agtgttcaaa ttagtttact tgctgactca ttgggtgact ggataactca 52000214

gttttgtaat ctcaagttgc tatttctcga ccagcgacat ggaaagattt 52000164

tatggaagtc cttagtaaca gaatgtgaaa actgtgatat gtcaatatgt 52000114

tattttatca gtatatttaa ttcttcatgt gcgagaaaag cttgcttttc 52000064

cacaggtcca tttcttgaat gcatagtagt aaactaccat ctccctgaag 52000014

cctgatgaag aattaaaggc acccaactat gagtaggttc ctttcccagg 51999964

tatgaagggt ctcagatagt agttgaatgg gtttcagtgg tatatgtggt 51999914

gtggtgtgtt agtggtggtg gttgtggtat gtgttgtgta tttgtgttga 51999864

gtaaggagta atatgaattt catcagtgtt tggatatgtg gttctatact 51999814

agacatgtta aacatttttt attttgctga aagctctaat atgttatcag 51999764

ttttgagtct aatatacata gcatttctat ttgcaaaaac aaataatcat 51999714

ctcagccttg agatacaaaa ggcaattcag tcaatttgga gaacttgggt 51999664

tttctcctca gggttgtcct ctttttaatt cttgttgatt cagccataaa 51999614

tcttcccctc caaagacctt gcttttattc ccacagcact gaagtctgct 51999564

cttactttaa agagccacag taactgctcc taacatgcac atctttatta 51999514

ggaaatgtag ggaaccttga ccagatagcg cagagcagct ggagcctgga 51999464

aggtgaagaa atttgggtaa agatgaatgg gttattcaga tattaaaagt 51999414

gttatggaaa cggacttcat cgaattgaaa atcagctcag aaaaaaaaca 51999364

aaaacaaaaa ctcctgtgtc tcagggagtt agaggagaaa agaaggggaa 51999314

ccagaaggga gaggcaggag cattgggagg aatgaagaat attgaactgg 51999264

ttttagataa aggctgttac ttggagatag aaatgacctt aatggtatta 51999214

ctgtatgtat gagtggatgt taacttgcat taactctata aaatggtagt 51999164

ttcaggcata ggctttttcc actttctgtt ctttttccac tggtgcattc 51999114

cagctttgag ctaatctcct cgggcaggtc aaataagggt gtgtaggcac 51999064

aactcctcta agagcttatt ttagttactg tcttcttgaa ttgctttgct 51999014

ggtaggaggg ttaggcaaca cctcttctag tcccctggct gtccttggct 51998964

ggagttagct gatggtagac tagtggcagg gttgtggata tcccaacaat 51998914

gccacaaagt ccctttctgg ttgtatctct ccatggagcc aacataaatg 51998864

taaatcagca gaaaagtgtg cagatgagaa gatattgtcc ataaaataca 51998814

caccaatgga tcatttcagc tacaccagaa gaaaggaaat gtgttttttc 51998764

tagaggataa aagagaaaag tagccattta atgagggaat aaactaccct 51998714

gaagggtata tacattaaaa aaagggaaaa aaaccaaaca aaataaacaa 51998664

taaaacaaac aaataaacaa caggaaaggc atgccttgat tctataggtt 51998614

ttacaaagaa agctctagct cctttctaga atattataat tactaaacta 51998564

gtcttctcag gttctccctt tgatgggaga tgcagaataa cttggaatat 51998514

tttgaagagt tcccttactt ccagttaagt gctagtaacc tcctcaaatt 51998464

aatggatact tagttgattt tttagactcc ttttctcctt tacctaagag 51998414

aatttgcagc agctttgcag ttattccctc tgtgacagtg atctccaata 51998364

tccagttctt tattttgagg tcaaggaagc acttcccttc ccagcctttt 51998314

gaagtttgat agggccatag gacttgtata gaatgtgggt agaagcactg 51998264

aatttctgga gctcaaatct ctagcctttt ttttttttct gtgttgacta 51998214

aatagcccag agtgtgggct gaacatacgt cctcaacata tgggggacag 51998164

ttgttctgtc caagagattt gccaacatct gtagtggatg ttgtgtgaac 51998114

aagacataag cttttgttgt attgctccgc tgaaaacttg ggattattta 51998064

tcgccacgtg caatctagcc agacttaact gatgacacca tttttaacaa 51998014

gtggctctgc agccttgtgg cagacccact ctattccaca tggtgtcttt 51997964

aattagtttt tctgtgagtc tacagggaat cagaactgga tttacattct 51997914

tgatggcaag tatgacaagt taagctatga gatggaacca ttaggcagaa 51997864

acgactgatg ggacttagtg aggaaaggtg gctggacatt tgatatcatt 51997814

cagcctcttt tcatcctctg gactcccact ctcctcccat gtcatcggtg 51997764

atgtgtttcc accctcatct gcagtcctga tgccctgaag atcctctgtg 51997714

ggattttcta gtactgagaa attaatcact ttctttgtaa tgttgttgca 51997664

aacagtggaa gtttctgggg agacatgact attcttggca tttctgcctg 51997614

tgctaagtct ctatttattt ccttctaaga aacacactgg aatattgtgc 51997564

atcaagaaac tttcctcaaa taaagaatat attttacatc catttccata 51997514

gctctctata atctgtttat agatagcttc caaacttatg ctctttcatt 51997464

ttttctcttt aaattttact taaaaaaatt tgttatgaag acttaaatca 51997414

caagggaaaa atgactcaaa tcatttgata aagagactat attggctcac 51997364

agaaccgatg ataaagatgt tatactggct cacagcacag gaaaactaag 51997314

gagtcatagg aatggcttga tccagcagct cagggctcac taatgagatg 51997264

gctctttcca tgtctcttcc ctgccttgca gagtgtcaga ttcaacctaa 51997214

ggttgctttc tctgtggcca caatgtggtt gtcagtagct tctaggccta 51997164

cttgctttcc tattcgtatc acatgggaat gaaagggtct ttcatgagca 51997114

cagttcagaa gaaggaaatt tcttccccag aaccccccaa caaatatgtc 51997064

ttcatgactc attgatccaa cttgagttaa ttgggcaaaa ttccctctgc 51997014

tcagggtaat gggctttgtt gattggtttt ggccaatgag tgatcactgt 51996964

gcacttatag aatagagcta atcccatccc aaatacctgg gtaaaaatat 51996914

ggtagcagtg atgcctggaa ggtaagtctt gaagctgttg ataagtggaa 51996864

agctggagaa tggacattgc cgtcagcaaa cacttgacct caatgacctt 51996814

gcttttctct ttatagctac actaaggcca cttcctctga tgctcctcac 51996764

ttctcctttt gctaacttaa ggccttgctg ttgcatgaga ttttgagggg 51996714

gtgaaaacaa gtcacctttt ctgtataagt caggtaaatg aaaaggaaac 51996664

agtttggtaa gtctccctta gaattcagta ggaatgtctg cttttaacaa 51996614

acaaacaacc aaatgagaaa gcataatgac tacataaaac acacatatct 51996564

tcagtggccc gcaggacttt aaagtcagtt aggtgtttct tttgtgatgt 51996514

gcgtcttcct gtttcaaaat gacagcagct atttttatga tgtaccagct 51996464

cccaacgggg atggctgatc actcagttct atgcaagaga accttcctct 51996414

aataataaag aaaagagcaa tctagggaaa gaaatagtct gttacagtgt 51996364

cggtttctca taattcatct ccccaaatac tatacaaaca ttaattaaac 51996314

ttcccaactg ggagcggtgg ctcatgcctg taatcccagc actttgggag 51996264

gctgaggcgg gaggatcatg aggtcaggag atcgagacta tcctggccaa 51996214

tgcagtgaaa ccccatctct actgaaaaaa aaaaaaaaaa aaaagccagg 51996164

cgtcgtggca ggcgcctgta gtcccagcta cttgggaggc tgaggcagga 51996114

gaatggtgtg aacccaggag gtggagcttg cagtgagcca ggattgcacc 51996064

actgcactcc agtctgggcg acggagcgag actccatttc aaaaaaaaaa 51996014

aaaaattgcc gttctttaat ccttctgaaa catgatttac agatcactca 51995964

gagggtccca ggcattgtct gagtccctcc cagggatttt cagatgattg 51995914

ttttgagaga caaccaaaaa ctatgaagtt atgaagggcc tagataaaat 51995864

tatgcattca atatctagaa tgttagaact agtccatccc tttggacttt 51995814

gggaggttgc tttaagtcta cagagaaata aaatacaact cctacctcgt 51995764

agaatgtact atttaatagg ggagatataa aaactcacta actgtgctat 51995714

aagcaaaata taatcatgtg ataataaaga tatgtgtatt ttgttatgga 51995664

aaatcagtga aggcaaagaa atcttctggg tggaaaaatt acctggaaac 51995614

tccctagaga gtgtggcatt ttattagggc ctaaaaggat taccaggatg 51995564

tggataaggg aagataagga acaaaggtct actagctaag agactagtct 51995514

tacagagtcc cagagatggg aaaacatggt ttacgtttaa gtgattttat 51995464

ttggctggag tgtaaagttt gaaagaaagt aaccaggaag gcagttacta 51995414

gaaacaaagg ttggaaaaca tcatgtacaa tcttgagtgc caaactaagg 51995364

agtgtagatt taattcagga ggaaaataaa gctgttagag gctttataaa 51995314

ttttgttgcc accactgtgt ctcataaaat gctccttaga tcccatatca 51995264

gagtcagaac tctagtcttg ctgagctgtg gcctgatggc aggtaaggtg 51995214

agttctaaaa catgtagctg ctgttctctt ggagctcaga tgccattaca 51995164

tgacaggcag tgcttccacg aggggtgaga acataaggaa atgaggtgtc 51995114

ttaagactgc aggtgaaaaa ggatgaagga tgagtattct gaaagtaata 51995064

caaagaaacg cagggtgacc agagagcata cctgattctt gtagggtgtt 51995014

ttagattcct ggtaagttac agagggaggt ggtatgatat agtggtctga 51994964

gattggctga tctaagtcct aattcaaggc ttgggtgtta cctacctgtg 51994914

tgcttggagg cacgtctggg gaaaacctca tggctgggcg agatggctca 51994864

ctcctgtaat tccagtactt tgggaggctg aggcagttgg atcacttgtg 51994814

cccaggagtc tgagaccagc ctgggcaaca tagggagacc tcatctctac 51994764

aaataatgca aaaaagtagc tgggcatagt ggcgtgtgcc tgtggtccta 51994714

gctactcggg agtctgaggt gggaggatcg cctcagccta ggagatggag 51994664

actgcagtga gtcatgatta tgccactgca ctgcattcca gcctgggcag 51994614

cagagtaata ctctgtctca aggaaaaaaa caaacaacaa caacaacaaa 51994564

cccaaaaaaa caaaaccaaa gaacctctta gtttccccat ctgtaactgg 51994514

acaaaatcaa catgttccaa tgtgaattct gtaagcaatt agtaaagaaa 51994464

catgtctcat tagaaaaaaa agtgttctgg gctgggcgtg gtggctcacg 51994414

cctgtaaccc caggactctg ggaggccgag gtgggcggat catgaggtca 51994364

ggagatcgag accatcctgg ctaacacggt gaaaccccgt ctctattaaa 51994314

aatacaaaaa aattagctgg gcgcggtggc aggcgcctgt agtcccagct 51994264

acccgggagg ctgaggcagg agaatggcgt gaacccggga ggcggagctt 51994214

gcagtgagcc gagatagtgc cactgcactc cggcctgggc gaaagagcga 51994164

gactgtgtct caaaaaaaaa aaaaagaaag aaaaaaagtg ttctgtagtg 51994114

aagtaagttt ggtgaatgct gcagactcga ttctatcgat gtccagtcag 51994064

acattaaaag cttggagagt cctgcaggaa ggaaggcagt tttactctgt 51994014

tgaaaccagt ctttcctaag cttatttggt cataaaaatc ttattttttt 51993964

ttcttccata caacacctat tggctctctg tggaacactt tgggaaattt 51993914

tgggctaggt catttttagc tccctttcca ctttgacact gtctgattct 51993864

gtcttacctc tgaaggtttc ttttcagtct aacatcttat acatccaagg 51993814

aagttttctt ctccagtctg gctgagtaca atttcctccc taaactatcg 51993764

aattgactat catcccccaa ttaactttgt cagagttgag gcaggaagtt 51993714

ctttaaaagt gtttgtaaaa gtgctttgag atcctttaag gaaggagatc 51993664

cctggtggat ttgtcatatg acttcattag acacctcgta tgctaaggag 51993614

ctatcaactt cagcttccag tttggcatca tcatatttct aacttactct 51993564

attaactagg aaacagctga gggattattt tttctcctct tttttgcatc 51993514

tgtgtataat gtaatttaac ttagcaaaaa agacactgat tgcctgtccc 51993464

acgggactta attaactccc agcttcatgg tgctccatgg aaataataag 51993414

aaaagtaaaa gttcaagtgt tcggtacctg tccacttcca cctctggtgc 51993364

ataatgagac gtcaggaaca gtgacactga tgagatgtgt aaaagatgct 51993314

gattatagaa ggcagcaagc tgcctgctcg gctcctggga gctctggcca 51993264

ggctggaaga atcaccaacc cagcaggcag cctttgcctt cagattacaa 51993214

tttccaacat tctccccact cacctccctg ccacctgagc agtggttttg 51993164

ttaaccttta gctctgcctt ctgcaccctg gtcagatgtt atgacaattg 51993114

tcacggggaa gataccatgt ttattaagct gcctgtagca aatccggact 51993064

ggtagtgcag gattctacca gccagccctc aggggagccc attaagaaat 51993014

tgcaaggcta ataaaaatca tgctggatga aattgcaatc ctctggtgcc 51992964

actccgtgat ggttgaatct agttttacat tttaatgggg gcagggactg 51992914

aaggtttgaa ccaggaccct tgtaccagca atactgaagg tagtaccttc 51992864

ttaacccaga gctggaatgg agcagaaaga agacaagctt gcttctcttt 51992814

ttgtgtgagt tttctgcaca tttgagatag gaatttatta atgtgtctga 51992764

taagttaaca atgcactgct cctggaaaaa agccttgctc tgccatgtgg 51992714

catgaaattt gggccacagt tagagtcttc cagcctctca ttgaagcctt 51992664

cagtgcccac gcctgagggg agactaagaa agcaggggtc tgggttcttt 51992614

tctcttggta aaattgttct aaaatttccc tgtactggtg gcttctccac 51992564

aaggaaattg tgtggaaatt gggagagcca tgccagcgtt taaactcatc 51992514

ttcatactgc accctttcaa atccaggcac cactgaatca gggagtgatt 51992464

cttgatttct ttgcctcatc tcttctgctc acagaattca taacttcact 51992414

tggataaatt gatacttttc aaacattaaa atgaaacaac caagtatgta 51992364

atcgctgttt tgggaagatt gagaaaaatg gaaagaaaaa catattaggg 51992314

tattcaatac ttgctatgat gccacctaga gaagcatatt tctgtatttt 51992264

attgtaaaga actactacta ctactaataa taatgggaag gggtaacatt 51992214

aattgaatgc ttgcttcttg tcaggaactg tgtgaaaccc tttacttgaa 51992164

ctgcccattt aatcctcaga atgaaacttt aaagtgatga ctattatcat 51992114

ctcaatttta caggttgata accattcaga aatgcttaga agcttgtctc 51992064

aggacccaca gctggaaagt ggcagagcag ggactcaaat tgagacataa 51992014

tgattccaga gcctgtgctc tttggcactc ttgccccata atcttcaagc 51991964

tggagagttt agagatagta actcctaatt tcagtatcta caggcattgg 51991914

gtgtagaagt ataggaatat gatgaaataa tttaaaaatg ctatctgtat 51991864

gttgagtgaa taaatctgga atggtcataa gattaacatt ggcaatgctt 51991814

ggagtgatat atttatttct atgactatat atttatccat aaagtccatc 51991764

attaaagtac aatttaagat ttctctgtga agtcttaaga aacaatccct 51991714

ttcagcatca ggggatattg accctattct ttactgggct ttggcacaac 51991664

tggaaataca tcacaattag cctatttaag gcaatgtatt tattggggcc 51991614

tattttattt aacttttaaa ataatcaatt ttaaatatgt gacaatagag 51991564

agaatagcat aatgagccct gtgtacccat tgtctacctt caacagctat 51991514

cagcttattt acttttattt ttttaagtga ggactatgtt atgtaggtta 51991464

tcctttgaaa agaagaatct gctaatggga attttaaggg tgaaggtgag 51991414

ttttaacttg ggtatctctc atagtggcta tattttacat ttatttgaat 51991364

ttctagaagg cgtgaggcat ctagggtttg tattaaaaat tagagcacaa 51991314

tacacataaa ccaagttttc ctttgagtct cttttatttt ctctttcttt 51991264

tgtttctatc ttccattcca gtcttattta aagtttatgt ttataaggtc 51991214

taaaacttcc caagtgtatt tccattttta aacagatttc ttggagaccc 51991164

aaataagtga agttacagtg gtagaaaaag tggcagtaaa gatgagtttt 51991114

gtatataggg ttgtccatga tgcttggcac cagattccat tgtctgagca 51991064

actaactctt cattaacttt aagacagtaa gtggcaactc aaatacattg 51991014

aacatttata tgtgacagac acatggcatt taagtatttt ttctacttat 51990964

tttcatagca ctctgagtag atagtattag ctccattttg cagataagga 51990914

aacggatgct tcaaaatgtt aggagacttg ccctaggccc tgtggctaat 51990864

aatgttggag ctatgagttt gaaatgtagt ctgcctaact ttcaactttc 51990814

tcttaatcat gatgctgcct gctgaataag ttacaaaaaa aaaagctagt 51990764

gaatggtatt ttgggggtag agagagagag agagatggga aaagagtggg 51990714

atagaatgga aaataaatga gttcataaaa aacttttgat aaaatctcat 51990664

atccagtgaa ataagagcaa tgctacatga attcacttta acttcaagga 51990614

tatgactatt tactaaggaa caaaagtgtt ttgattttag tttgaaaata 51990564

ttggtacaaa gagcaagatt ctttgtatag cccataatta tctcccttgc 51990514

cctgaaatat ggaagggctc tgaaacacgg gaggggcttc acttattctt 51990464

gccctgattt attatgaaaa gatgtccacc agaataaaac aaagaaatat 51990414

gccaaacaag gaaagcaaaa ggactggggg agcagatatt atcagtgttg 51990364

ggagaggcaa catctgcaca aggttgttaa gatgtagcaa gtcaagatgg 51990314

ccactgcagt aaccacaggc tatgtaaaga gataaatggt tgaccccagc 51990264

tcgtgtcagg ctacgattga tgccactatc agccctagtg ccttcccaat 51990214

gattttttaa aaaaatcttt gatagagtgt gttatctagt tactggcatg 51990164

agggcaatag cctggagggg tgaaggaaaa gggaagaata aaaggtcaca 51990114

ccaggaggac aatctctgtt ggactaaatg agaaaaaaag gatctagctc 51990064

aaaagggagg aaataaataa ataacaataa acgcagctgc taggtgcatg 51990014

ggtggaatag tgaaattgct gtatctctcc cttccttcct tccttccttc 51989964

cttctttcct tcctttcttc cttccttctt tccttccttc cttccttcct 51989914

tccttccttc ctccctcctt ccttccttcc ttttctccct tgtttcctcc 51989864

ctccccctat cccttcattt cctctggttt aaaaaaaatt aagacagacc 51989814

ttgagttatt actgggagtt cagcagatat agctgtatat tctttgtttt 51989764

tctcttgagg tattttaatg gtctaattgg gattgttaag tcttttgttt 51989714

aaatctctag aagtggtgaa atcaaaggcc tttgttagcc ttcctctctg 51989664

taggataatg atgactcgag tgaaaaataa taacaaaaac aggcaaaaca 51989614

aagttcctct agataatggg aaaatatatc ttcataatat gccattatta 51989564

atttatttgt ggtgaattgt gcaggttcaa ttctgtgata actctctggt 51989514

cttcctttct acacacatac acgtgcacat agagacaccc ctgcaggtgt 51989464

gcctgcatgc atagttgttt tcacatgtac ctatacgtat ttttggaaag 51989414

gcaggaataa aattgctttt gctcagtatc actgcaccaa cagaattgta 51989364

tttcatgata atagaaactt taattggctc ctttttagcc ttgaaacatg 51989314

ttttgcagca gaaaaagcaa agaagggaga actgaaatag tgtttttgtc 51989264

taaaagagta tggctttaat tagtataagt tttttctttt tatttgacct 51989214

ggaaaaatct agtttttgtt ttttttcctt tctctcatga agtttttgta 51989164

gaaggtaaaa tgtcagtacc agggcaaagg ccctggagac tggagtggat 51989114

tcgcagcatg aatactcacc tttgagaagg atcgtattgg atataaagat 51989064

atcgcttcca aaagcaactc tgggaagagt agagaaatat tttttaggca 51989014

gatttcatcc ttttctaaag ccacagactt taacaatgtg agcccctggc 51988964

cttatgttgt tgattttcta tagctagtgc tgtgcaggct catcgttagt 51988914

tggcacaagt tggaggactt gtcttgtcat ctcttcctct gtcaaaggta 51988864

taagagtaat ggaaaagctg tgagtcttga tgctggaaga cttgggtcct 51988814

agtccctaac aacgccaagg tcctgggtcc ttgacttaat ttctcagagc 51988764

catcatttcc cctcaatgat ggtgatagtg cttaaccata tcttcctgca 51988714

aggtttttga gttttaaatg gatctacagg tgtaaagccc tctctaagta 51988664

tgaaagtgcc attcaactct tagatctttt atcaatgtgg actccagtgg 51988614

catatggtgg tggtagttgg ctgtaatgtg gccaaaaggc tcgcatagaa 51988564

aactggaacg tgctacttgc agagtacaga aataaaacag tggctgttgg 51988514

aaatttcctt aggattgttt aaagtgggag caaggtgggg gaatgaaata 51988464

ttagggctag atgaaaaata tgtagtatgt gttttttgta cttttaagtt 51988414

tctaattggc gacataaaat atatgctgga taatttggtt tgccaataga 51988364

attaattatt atgtttgaga tattatattt aaaataaaaa tttattttgt 51988314

caagaatttg tcttatatat tgaggcataa attacctata atgaaatgta 51988264

cagatcttaa gtgtatagct tattaatata tgtatatact gtgaagccca 51988214

gaatcaaatt gaagacatag ggcgttttca tcaccaagga aagttgattt 51988164

tgttttcatt tctctttgtt tttccataaa tggtgatgca acaactaaat 51988114

cttaagaaat ctatcttttc cttgttttag tttaaggaaa agttgagaaa 51988064

ggcaagaagt gaacaatgat acttaccaaa cacctgttat atgtcaggca 51988014

ctgagttagc ctttatgtat actaattaac tcattaagag ccctcaaaaa 51987964

atctccattt taagataaga gattgagctt cagggaaatt aggtgactac 51987914

caaaggtcac agagtgacta tgtggtagag ttaggatttg aatttgtgtt 51987864

actgcctcca gagcccattt tattcaacta gtaaaataaa acaattgcta 51987814

gggcttaggg acttgagggt cttctggaga atcagagaat accaaaagtt 51987764

cacagtttca gtttcagaaa aaaaaaaaaa aggtcttaga aaaagaactt 51987714

ctttcctgtg agaggacaaa actgattggg ctcacctttt gactggagat 51987664

tcagtctgat ttaacctttc tgtttctgag gctatatttt cctcatcatt 51987614

tcagatttat gaaactttta ttatttttga gacaagtttt taatattgct 51987564

taagggcatg ggctgctaaa gtctgaaaac agattctcaa agccttggtt 51987514

ccaccacttt ccagcgtttt gtttttggtc atgttacttt ccctctgcat 51987464

ttctcagttt tctcatcata aatagggcta ataaggtaga ctcttggaag 51987414

gtcattgtga agttcaaaca gggtatagaa gtgaaggttt ttatgcagtg 51987364

tcctacatct aataaatgct cattcagtgt ttatcattat tattcttgtt 51987314

attattatca tttctcccag cctcatacct tcagctttga atattttaat 51987264

tgttgttctg gttttcagtt tgctattttc caaatccaga tcaatttatt 51987214

taatgtgcta ccaaaatggg ggtattgaag tgagtgagaa aacaactgga 51987164

ctctgagatt ctgctgtgcc ctcaaccctg gagggctctc tcagccttgc 51987114

tggttggtgt tctatcttga tgtcctcata tcctgtgtac ctaatagtag 51987064

tcacaatcgg cattaatcaa ccacacctag catttctaca cgtctgtacc 51987014

cacgctttct ttaaagccat gctatttatg tgctctacct agtatcggct 51986964

attatacttg tttcctgcta gattatgtgt gtgccagagg tagtctgagc 51986914

acctactgct gtgcctgggg tttagcaaat gctgccacgc tatttgttgg 51986864

ataaaggcca tttccaaatt tcatttctgg acaaaactcc tggcggtgtc 51986814

atatattttt ccagttttaa agtttcctaa tatctcactt ttctattttg 51986764

cttggggaat gagaaatacc acaggagtta atttgctagg caactgaaac 51986714

atttccgtca aaataccaag ccatgtttat ttttgatatt aacttctaaa 51986664

acattgcgaa ggcttttctg tccttttact tgaacatagg tggtagtatc 51986614

aaatattttg ttgatacctc tggatcatca gcacaaactt cagttgtttc 51986564

actttttaaa aaaataataa ctctatccca ggtggtgcta ttgaaattgc 51986514

taaatggccc atgactgtat tgatgtattt cgtcccttcc tttgctgtca 51986464

gactgcaagt ctcacatctg gatgctgtca gtagccccta cttccttcta 51986414

attgatcctt ttgttttctt cagcaactga caagataaca aaattttaat 51986364

agatatatac gattctgagt gcagtcttga aagacacatc ttgaagaagt 51986314

acatgaggtt tggtgtgtgg atattgtgat aaattcccca cctctcccct 51986264

tcatttctca ttagtcatat tcatgactga gattgtgaag agaacagcta 51986214

tgtccctctc cacgacaggt ctgaatatgg catttctata atattagaga 51986164

caaatgctat atattactta catttctgtt tttttaactt gaaatcatta 51986114

taactacaca gatccccata gcaaaattat tcctattaat cccattacgt 51986064

ttttacctta cattctcact ttgctaactg gaaatatgct gattataaat 51986014

aagttgttaa tatgaccggt accatttgtg aattaataac tatcacaaat 51985964

atattcttat tcacaaatgg ttacataaat tattttaaaa attactttcc 51985914

attgtataac ttctagaaat aaataactca tatagcatgt gagaatgtag 51985864

tatcaaaata tcacatgtat cccttaaata tgtataatta ttatgtatca 51985814

gtaaaaaaga aacctttcta ttttaaaaga tatccctgtg tcttatcatt 51985764

tagggtagca tatgctttat tattattatt tttttgagat ggattctcac 51985714

tctgttgccc aggctggagt gcagtgccac gatctcggct cactgcaacc 51985664

tccacctcct gggttcaagc gattctcctg cctcagcctc ccgagtagct 51985614

gggattacag gcatctgcca ccatgcctgg ctaatttttg catttttagt 51985564

acagacaggg ttttgccacg ttggccaggt gggtctcgaa ctcctggcct 51985514

caagtgatcc gcccgcctca gccttctaaa gtgctgggat tacaggcatg 51985464

agccaccgcg ctcggcctgc tttctttttt ataacattca ttcctcttaa 51985414

atttttcgtt gttgtatatt tcttaaacaa tgttccataa acccagaaac 51985364

tattgtttat tcactattgg atttttctta caaagtaggc caaaataaag 51985314

aatcaataaa catgtgttaa ttgttttgca ataaatattt caagaagttg 51985264

atttctacaa acaatactgc aacagacatc ttccacattt atctttccac 51985214

atattttgag aaagtatatg aaactcagag atagccttca attgtatgta 51985164

gtttttttct aatttttttc acagatcatg catattgcaa aataatatag 51985114

ttgtaccagt ttacacattt ccattaaaaa aggaacatat gaagatttca 51985064

ttttaatttt aaaataattg atgatctagt aattgttttt tttttctatg 51985014

gaaaaatatc tagtaatgac aaaaatatct ttggacaaag aatccaactt 51984964

tcttgctttc tccttatttt ttctctagtt gtaatgtctg aattgtcttc 51984914

attgatttag caccatcctt ggacgttttc tccttggtat tgtaggggta 51984864

acccaacgtt aatttggtga ataaaaacct tgaaattatg ttatttctag 51984814

ttcgcagatt ctgaacttcc ttttctttgt aactgagatt tcctctccat 51984764

tccttagagg cattccagat taggttataa tttctgcttt tacttttact 51984714

tggtccagga atgcctcagg caaaggatac tcctacattc tccagtgtaa 51984664

cactggcttc agggaaaggg gagcagttct gaatttcata ctgatattgg 51984614

catccaggtg tgttcaaggt caagaatctg tacaggatca ctgaacacag 51984564

accattgttc ttaggactgt ggcatgagat tcaaaataat gctccctctt 51984514

tgttttaata aattttagag gtagaaactg acaacatgta aattttgtgc 51984464

aagagcaggg tatgtgtgag tatgcttttc tttcagactc aatccctctt 51984414

tttcatttta cttcttaaac aagtcagaat gcctaaagcc ttctttgttg 51984364

aggagtaaag tgaatagctt ccttccatgc ctttctcttg gggaaactac 51984314

ttggttaata atgaattcac tttcattcaa tgaaccagga ttttagctaa 51984264

gaagaatcca tgcaatcttt caggtttatt gatctagtca ctgtgttctc 51984214

ttttgggaaa ggataatttt aatggcatta cccataaaga atacgtgttt 51984164

ttatcttgtc tttctaatga gcgaatgcta gagctgaagc ctctctatgg 51984114

gcttttttct ttttgccttg tggcctgccc ctttgtcata actcagagtt 51984064

ttcaaatctg tccttataat ccaggttgct gtagagcaaa gaacttcatt 51984014

aacattctcc tgctagactt gaaaacaatt agaacagtgt gactagaaag 51983964

agttaaagag gaccccccaa accctaaaac caaacagaca tcacagagca 51983914

gggatagcag gtaaagtggt tgctataaac actttctctt gaaagctgtg 51983864

ccttttcaat aaacacaccg ttaggcccta gcaaaatatt tccagttgac 51983814

ttcatgggtg gtgcagtgct ggaagctgtt agcttgtgct cagttaaatt 51983764

tcaaacgtca aagctcatta atagtgattt tagccaaaga cagcttgtaa 51983714

ggagctgtgc aaacttaact tcctcaaata aaatgagaag aaagatgacc 51983664

atttaacatt gcttttcctc cccctgcttt cttcacctcc gcttcgagtt 51983614

tgttttgggt tttattgaca gtaggtttca agtttatatt ccgcatttcc 51983564

cttaatttgc tttgtccttt tatctgcccc ctcttgggaa ataggcctat 51983514

tacaaaggtg ttgcgatgtt tctttgagtt ttaggaggag tgttttgtct 51983464

gtttgaagca ggcctggagg agtctgtgaa agtgttaagg cagaaggttc 51983414

ggcttttgag agagaaacac actgtgatat gattatgtgc tcatatgctg 51983364

tttccagtct tgtctctgaa aactaatgta aaaggagatt ccgtttacac 51983314

aataatgatg tttcagatta aaatatcaat acaagcaagc ccccttattt 51983264

tttgtagtct aggcagttct cacctctgta ggtacgtaga aaattaaatt 51983214

taaaaaaatt ttgtttaacc tagtctcaat ttacttgtgc agttatgact 51983164

gtggatagtc ctgctgtgtt aaattctctg acaaattaat taataatgga 51983114

gctaccaatt acaaatttga caacgacttg gacttccttt tgattttggg 51983064

ttttgttaac ggtacacttc actgtgtttc cttcctttgt cttgcaaagg 51983014

cttcctgggc cctgcttaag caatgtctga gatttcagaa tgtgttgtgg 51982964

gagcctcagg gaggctgggc aaaggcgtcc gatgtggtta agatgtggat 51982914

actttggagc ctctcttttt tttattttat tttattttat tttattttat 51982864

tttattttta tttttttatt tttttatttt ttatttatta ttattatttt 51982814

tttttttatt gatcattctt gggtgtttct cgcagagggg gatttggcag 51982764

ggtcatagga caatagtgga gggaaggtca gcagataaac aagtgaacaa 51982714

aggtctctgg ttttcctagg cagaggaccc tgcggccttc cgcagtgttt 51982664

gtgtccctgg gtacttaaga ttagggagtg gtgatgactc ttgacgagca 51982614

tgctgccttc aagcatctgt ttaacaaagc acatcttgca ccgcccttaa 51982564

tccatttaac cctgagtgga cacagcacat gtttcagaga gcacagggtt 51982514

ggggataagg tcacagatca acaggatccc aaggcagaag aatttttctt 51982464

agtacagaac aaaatgaaaa gtctcccatg tctacttcta tccacacaaa 51982414

cccggcaacc atctgatttc tcaatttttt ccccaccctt cccgcctttc 51982364

tattccacaa aaccgccatt gtcatcatgg cccatcccca gtgagccgct 51982314

gggcacacct cccagacggg gtcgtggccg ggcagagggg ctcctcactt 51982264

cccagtaggg gcggctgggc agaagcgccc ctcacctccc ggatggggcg 51982214

gctggccggg cggggggctg acccccccac ctccctcccg gacggggtgg 51982164

ctgccgggcg gagacgctcc tcacttccca gacggggtgg ctgccggacg 51982114

gaggggctcc tcacttctca gacggggcgg ttgccaggca gagggtttcc 51982064

tcacttctca gacggggcgg ccgggcagag acgctcctca cctcccagac 51982014

ggggttgcgg ccagcagagg cgctcctcac atcccagaca gggcggcggg 51981964

gcagaggtgc tccccacatc tcagacgatg ggcggccggg cagagacgct 51981914

cctcacttcc tagatgggaa ggcagcgggg aagaggcgct cctcgcttcc 51981864

tagatgggat ggcagccggg cagagacgct cctcactttc cagactgggc 51981814

agccaggcag agaggctcct catatcccag acgatgggtg gccaagcaga 51981764

gacgctcctc acttcccaga cggggtggcg gctgggcaga ggctgcaatc 51981714

tcggcacttt ggggggccaa ggcaggcggc tgggaggtgg aggctgtagc 51981664

gagccgagat cacgccactg cactccagcc tgggcaccca ctgagcactg 51981614

agtgaacgag actccgtccg caatcccggc accccgggag gccgaggctg 51981564

gcggatcact cgcggctagg agctggagac cagcccggcc aacacagcaa 51981514

aaccccgtct ccaccaaaaa aaaaacgaaa accagtgagg cgtagcaggc 51981464

tgaggcagga gaatcaggca gggaggctgc agtgagccga gatggcagca 51981414

gcaccgtcca gccttggctc ggcatcagag ggagaccgtg gagggagagg 51981364

gagagggaga gggagaggga gagggagagg gagagggaga gggagaggga 51981314

gagcttgagc tttggagcct ctctaaaagg gctctgtacc gcagtgcctt 51981264

tgaagaattt gagcttgggt tgcacagagg tttttgcaag actctgtgca 51981214

atcggagtag aggtagagtg tagtgggaag agcatgcagg ttgagtgttt 51981164

atcaggggat cttgtgtcag aggtttcttg tgagggttta tagtgattcc 51981114

tttttagagg caggcatgtg ttccaaatag gttataaacg ctgtagcttt 51981064

ttcccatttt tgaccaaaat ataggaactt aactttttat tttttcctcc 51981014

aacagtttat ttagacattt taaaaagctg actgatttgg acaaatattg 51980964

ctatgctact aaaggctgtt aattgtaaac attctaccat cttgatattt 51980914

aaaggaatct agttactttc ttcaagtgga ctgtattgtt attgttcata 51980864

gatttcaatg atatttggct cacagataaa gggttataat agggatcatg 51980814

ttgagtagtc tgtactgttc agagtatcaa aagtttgcat gattgctttt 51980764

aaaagccaag taatgagata tttctgcaag taagatcata gtctgataag 51980714

tattcctaca actgctacct tttagctttc attttctcta ccttctcttg 51980664

taaacgtcca cattttgccc ttgtaagaaa agaaacaagc ctgtctcatt 51980614

gtaatgcttg gcttgtgtgt tggttttttt caacagtgag cttcttgaga 51980564

gcagggaatt atgttatttg tcattttatc ctaagggtct agcacagtac 51980514

ctggctcaat aaatgtttat gggttgaata tagtaaaact tcattaattg 51980464

atacatgaac aacattgtag gtagaatatt taacttaaga gaaaaatcaa 51980414

ctttatgaac tgtagcacat tatttgcatg caaatggggg ctgcaaatta 51980364

taaataagtg ctatcaattt attgaagcag gtctactgac attctgctgg 51980314

cagacatggt ggcaggagtt tgagttatac cttgatgaat attttctata 51980264

atatttgaaa aaaaccacga aatagtttta acagagtgca aagaaattat 51980214

aaactttcag gcaagagaaa gcattttggt gtcactgaca tcccccattt 51980164

gtttgttgct tgttacatac gggtaataaa tgggtctaat tcatgaattt 51980114

ggtctaatta atttggcaag tgctcattat gtaccaggag aggtgctagt 51980064

gacttgtaat atacatgtga ctaccatata gtccttgtcc ttaaaactca 51980014

cactctagca aggtgaaaca ttgatgtaaa tatggagcac aaaagcagtg 51979964

ggcactgagc gcagggcagc actgagagaa gatagcttct ccagggtcca 51979914

agaagatcat tctggagaga ttttaaatgg agacagtcct tggaaaacaa 51979864

ctggactgct caggagagaa aaaacacgtg catacaagtc agggtatgtt 51979814

aggggacact gtggcttttg gtatagcttg aggatggcac atgatccagc 51979764

agaattatgg ggagaagcga gggatgaggc tgggagacca cttgtagggt 51979714

agaggattag atacttattt gaatttggac tttgttctct aggcactgga 51979664

gtcagctctt ttctaagctc tacactctgt gtattctaag tgtgtgtggg 51979614

aggcaggtca ggtgggtgac tgtatgtgtg ggtgactatg tgttgggggg 51979564

agaggaggag gagagagaga gggagaaaga cagagagaga atgaatgagt 51979514

gaggttaatt ttcctaggaa gagaatatta gcaatgcaga ggagaatgaa 51979464

aggatgtggg gggattggaa gcagagagat cagaatggct gttgcaatca 51979414

atggtcgtcc atttaacatt tattcattca tttaataaat atttattaaa 51979364

aacctaccat gtaccaagtg ctgcaataaa ccctagatgc ataaacagac 51979314

atgctgtctg ttctcatgga gcctacagtc aagaagatcc tggtgagaga 51979264

tgagcagctc ttaaactaag gcctacatga ggatgtacag aaatcacctg 51979214

tagtcttcag acacactctg tatgttctgt atggtctttt cttctctatg 51979164

taactgcata catagagaag aaaagaatga atgaagaggc atttatgagg 51979114

tcatggacac aacttggtta cctattggac gctggggatt aaggacggga 51979064

caagtcaggt gattctattt ttggtgtttg gtaactctgt aaacttgata 51979014

ttaatggcta agtaaataag tttgtagaaa ggggaaaata atgaatgtca 51978964

ttatacacat gttatggctg agtgctccag ttaacataca aatggagata 51978914

tccatccatt tagagtttag gagagagttg agacactttc tccttcagtt 51978864

caaacctttc ggttcagagt ttgagataca gatttgaaaa ttgttatgag 51978814

gtaggtgata atagaagcca caggaggtga caggatccag gaagaatgtg 51978764

cagatgagga agaagaggac gtatgcctgg gacttacagt gtttgtgaga 51978714

tgagcagaga agggggctga tccctacttg tattctagat tacctcctct 51978664

cctgcttggt agcacctgat gtcaaaacgg cctcatctct tttctgcatt 51978614

tctctcagtt cataaactgt ttaatcttaa ataaagaacc ccaaacttcc 51978564

cctaatcctc tgttgacttt atggcccctt ttagcatgta actgagtttc 51978514

ttcttccctc acagcccatg tttgttgaaa gcctagtgac attgggtgtt 51978464

tcctgttcct cacctctagt ccatcccctg caagttcctt ggctttgaca 51978414

gcccttgaac actgaaatgc ccctggctga ggtagtcttc aaagactact 51978364

ttgaagtcct tatcttatga tgtgttttga acacattaat cttgatgggc 51978314

tctaataatc tcttaactcc aattcagtcc aatataattt tgaaaccccc 51978264

aaatttatct aattttaaaa ggctccttca cccctagatg gcttggaaac 51978214

cttggtgtgg ggtggggtgg ggaatggctg tttctctctt ctctccatct 51978164

ccttccttcc ttcctctagg agttggcctg agaggagaga tgagtagggc 51978114

caaaggagac atcatgtgtg gcaggtgcag ctctctctta tgggattttc 51978064

tgtggcttca ttatagatcc tcctgctggg atcttaggtc tgcaactctc 51978014

tctgaatggc tggcccattt ttttgcgggg aggatggtgg tgaggagctt 51977964

tgcttctccc tcaccaatcc agtctgcctc ttgggaaaga tctctttaag 51977914

tcatatcagc ttgttccctt tggtgggatc tacatttgcc tgtctctcca 51977864

gaggtgacat gtagcttgcc cccaaaccag tgccccctct tccctctgcc 51977814

actgggcaag ggcagctcca gccagtctct tgtctttaga ctttccaggt 51977764

gggaatcaaa tactagtgcc ttttccatta agctctccca taggttctct 51977714

tgcagctcca ctcatctggc ttaggtagtg gagctggctt agagagtgga 51977664

aatagaaaat actacaatat actaaacttc gtaaggcagt gtggggtaag 51977614

gactacagca gtatgtgcaa agcctggtgg aagcagtaag aagggtgagg 51977564

gtagctctgc tttggggtga ggggacaata tcaaaagctt ctggaagaaa 51977514

gaggaatgac ctggctttga aagaatgagt ttgtctggta gaacaggggt 51977464

gaaaggctgt tctcgatgaa gctaatggag gcaagctctg taaatgaagg 51977414

catgggacat gaaatagcag agtgtatctg aagactacag gtgatttctg 51977364

taagttttca ggttgggagt aggggagtag cgtggacagg taaacagggc 51977314

ttgtgaatac acacatgcac acacacagaa acaaggtgtg caaacccacc 51977264

cttcacagag caatgaggga agcatatata ctgagggttg ccttcttttc 51977214

tgttttctca ttctttcacc tgggtttagg accttgagaa agacacttta 51977164

cctctctggg cttcagtgtt ctcatctgaa aaatgaggat gttagatgtt 51977114

ctaaaattcc ccaattccaa ataggcttta cagagaagca ctgaacaaac 51977064

taagtaagtt taatttttta atctgagggt ttgatctata gaattacaga 51977014

acccaagaat attgatttta tcaaatatgg agaaacatct tttttcaggt 51976964

tttttttttt ttttttttta tggagtctca ctctatcacc caggctggag 51976914

tgcagtggtg caatctcggc tcactgcaac ctccgcctcc cgggttcaag 51976864

tgattcccct gcctcagtct cccgagtagc tgggactaca ggcatgtgcc 51976814

accacactca gctaattttt gtatttttag tagaaacggg gtttcaccat 51976764

gttgtccagg atggtctcga tcccttggcc ttgtgatcca cccaccttgg 51976714

cttcccaaag tactaggatt acaggcgtga gccaccgtgc ctggcctttc 51976664

agttttcaaa attgtggtaa aatatgcgca acataaaatt taccatttta 51976614

actaatttta agtgtacatt tagtacatct agattgttgc gtaaccgtca 51976564

cgagcatccg tctcaaggat gttttcgtct tcccaaactg gaatctgtta 51976514

aacaatgact ccctagtcct ccttccccca gcacctggca actaccactc 51976464

taatttctgt tcctgtgtat ttgactaata ggcactttat acaagtggaa 51976414

ttatacaata tctgttcttt tgtgtttggt ttatttcttt tagcataata 51976364

ttgtccttaa gatttatcca tgctgtgtca tttgtcagaa tttcctttct 51976314

ttttaaggct gaataaaatt tcattgaatg tatatatcac attttgtgtg 51976264

tccactcctc tgtcaatgca catgagttgc ttccaccttt tggctattgt 51976214

aaataatgct gctacgaaca tagctgtgca catgtctctt tgagaccctg 51976164

ctttcaattc ttttgagcat atactcagaa ttgctgaatt ataatctatg 51976114

taattttttg aggaattgtc ctactgtttt cccctgtgat tgcaccattt 51976064

tacatttcta ccagcaatac acaagagttc taatttctaa tttctcaaca 51976014

gtcttggcaa cagttgtttt ctgttttttt tttttttttt tttttttttt 51975964

aattagagaa agggtctcgc tatgttatcc cggctggagt gctgtggcta 51975914

ttcatgggca ggctccagct actctcgtaa tcagcacagg agttgtgacc 51975864

tgctcttttt ccaacctggg tcgattcatc cctcctttgg caatggagtg 51975814

gtctcctgct ctggagaggt cccatataga tgctgaactt agtgcagaca 51975764

tgcttagtgc atagtgcagt actacagctc agaactccta gattcaagca 51975714

atcctcctgc cccagcctcc tgagtagctg ggactatagg caacactgca 51975664

cttcactttc tttttctttt tgtttttttt tttttttatg gctgatagct 51975614

gtcctaatgg atgtaaagta ttatcttgtg gttttgaggt acatttcctc 51975564

ataattagtg atgttgaaca tcttcatgtg cttattggcc atccgtatat 51975514

cttctttgga aaaatgtcca ttcaagtcct ttgcccactt taaaaatcag 51975464

gttttgttgt tatggttgtt gttgagctat ggaagttctt tgtatattct 51975414

ggatattaat ctcttatcag ttgtataatt tgcaaatatt ttctccaatt 51975364

ccctgggttg ctttttccct ctattgatga tttcctttga tacacaaaag 51975314

agtttaattt tgatgaagtc caatttattt atttattttt tgtactgctt 51975264

ttggtgtcat atccaagaaa tcattgtcaa atacaatatc attaatattt 51975214

ctcctaagta aaaacaaaga aacgtctttt atgtgaatta taaattagcc 51975164

taagttctat ctttaaaatt caattttctt gcttaatatg caaaatgtaa 51975114

tgaagcttca ttaattttat tttttatgtt ttatttttaa attttattta 51975064

tttagttttc tgttgtttaa ataatagaaa tttattttct cactattctg 51975014

gaggctagaa atctaacatc aaggtgttag taaggttgat ttcttctgaa 51974964

cctctctcct tggcttgctg atgactgcct ctctttgtgt cttcacatgg 51974914

tctttcttct gtatctgtgt cctaatctcc ttttctttct attattttta 51974864

ttttttattt caatagattt ttgggaaaca ggtggtgttt ggttacatga 51974814

ataaattatt tagtggtgat ttctgagatt ttggtgcacc catcactcaa 51974764

acagtgtgca ctgtacccaa tgtgtatagt cttttatccc tcactccctc 51974714

ccaccctttt ccccaagtcc tcaaagtcca ttgtgtcgtt cttatgcctt 51974664

tgagtcctca cagcttagct cctacatatg agtgagaaca tacaatgttt 51974614

ggtttttcat tcctgagtta cttcacttag aataatggtc tccaactcca 51974564

tccaggttaa gcttcattta ttttctacat tgacctccta tcctctaaac 51974514

atactttggg tgtcttctta tcatcctggt tgcttaggga acaggacaag 51974464

ctttcaacag tctatgccta ttacattgtc attaaatatt ctcaaactgt 51974414

tcaaaaggtt taaaataatt atttaaacta agcatggttt aagtttgctt 51974364

tggtttgccc agatgagaag cttaaagact tgagagaggc tgagtataag 51974314

aagggagtaa gaaggtaagt taattctttc tggttcatgg tgattgatta 51974264

aaaaatgttt ttttttcttt ctttctcaat tttctaaaac aagcaaacaa 51974214

acaaacaaac actactttag gtacatccca ggtaagggaa acttcttctg 51974164

gagagggggc tatcagaagg tcatcaatga gtgggaaatg gtagaataat 51974114

agaaaactgt gcttcttgct tgcccccttt ttcatggggt ctgtgatgtg 51974064

attcacccgt actgggatga atagtgattg ctctatcaag aaaattttaa 51974014

aagaccaaaa atcactttga tttggtgttt gtcctgacct acccctattc 51973964

aattcattgg gtaatcttgt atcagtcact gagtttcaca tttataaaat 51973914

gagatattgg aaccaatagc taagctttca ttatccctga actataacac 51973864

agaggcttct tgggagctat atttcttcta gttgggaaaa cggggaaaaa 51973814

agaaatctct attttcttaa agcaaaacag agccacataa ataattaatc 51973764

ctcagcaagt tgaacaattc atttttggca agggtgtaat tccccaaagt 51973714

tgggagaatt ctggaaaatg tattttgcac atgtttctga gaggtgttgt 51973664

ggtctttgat aaacctttag tatggtttat tgagtaaatt cagccttgaa 51973614

tcccaaggta gttaactatt gcacttgaag tcttgtttca tgagggtctt 51973564

tggggatttt ggatttccaa actatgaggg acttcctggg aaaaaactgt 51973514

gcctgtggat tgcttagtat tcaccaaaga ttctgagttt tctgcctttg 51973464

aggacacgta aaaaggaaat ttggtataaa cgtatgtgta tatgttatat 51973414

gcccaagttt agacattatg tgaattgcat acaatgaatt ccaggtgact 51973364

gtaaagtaaa tgattaaagt gcattttgct atatggaagt tatattgagc 51973314

tttatgattt tttggaaggg ctttggacaa tgtttgcttt ctggagtttt 51973264

ctccagagaa aagtgtactg caaaagaaat gcatatattt tattaatctt 51973214

cttcatcaac agtgaaagca ataaatcaga cacatatatt ttttaaaaaa 51973164

cccagcttta caccactgtt ttggtatact aaatacatga tagttgattt 51973114

ttggatggtt tatttttaat cactggggta tttaagttat gttaccacct 51973064

gcttgctttc tgcttcttcc catattaata actggcacat acaattttga 51973014

aaaaaataaa atgcagatgt tttttctgtc atgtcaaagt ggcatgcggt 51972964

tttgatcctg acatggaggg ttcctatcag attgcccttt ctgaaatctc 51972914

tggatctatt tcctcttttg cctggactgc tgttactggt agttggtgtg 51972864

ttattcaatt atctctacgt tttaaccttg gtgtttacct ctaatgttgc 51972814

tcaagtcagt aaatgattca ttgcatttgg aaccaataaa cagggtttgg 51972764

cagaaaaggg acaatgtgtg gcggatgtgt ttgggctaaa gggaacaatg 51972714

catttgaaac tgggctctaa gagcttagaa attcaattat gccttcatgc 51972664

agacaaggct aggtcccaca gttcctggct cagagtgagc acccagtaaa 51972614

tgttcacaaa gatgagggtg atggttttat tctacaaaat ctgcacgtac 51972564

aaggaaagca tctgcatcag attgcatagg caagtttctc aaattctagg 51972514

ttattgagat ttcatcccca cctctgaaac atcttcctgg gtttcctcat 51972464

tcttcaggta caattgataa ttttgtggta ttagcattaa cacaaataac 51972414

cttgcacatt atcaaatacc aggcaataca tgcagaaagc ttaagaacac 51972364

atgatgctgc tttgaggata aacaaatgaa tttctttttc tctctaaaaa 51972314

gtacctcaaa cgtgaagctt aaagaactag gaaaaagtta tttagtcaag 51972264

gctagtgaag atataggtac agaatgagtt tttcttgttc ctgagcttgg 51972214

tttttccctg aaacttgttg ccttatcttt ctttttttaa aatgagaaat 51972164

aaaaaaaaga aaatcctctt ttctcaggaa gcaatgctag tggaagagta 51972114

gaatttttaa taccaatcat agtcaaatat cattctcaga catagagtca 51972064

gaatacgggc ctttaaaaat tcttcatgtt ggcctgggtg tggttggctc 51972014

acacctgtaa tcccagcact ttgggaggcc gagctggacg gattgcttga 51971964

gctcaggagc ttgggaccag ccagggaaac atggcaaaac cttgtctcta 51971914

cagaaatata caaaaattag ctgggtgtgg tggtgcatgc ctgtagtccc 51971864

agctactcag gaggctgggg tgggaggatt gcttgatccc aggaggtcga 51971814

gtctgcagtg atttgagact gcaccacttc attccagcct gggtgcagag 51971764

taaaaccctg tctcaaaaaa caaaacaaaa caaaacaaaa caaaacaaaa 51971714

caaaaagcaa aaaaaaccaa cccaaaaaac aaacaaaaaa cttcgttatc 51971664

cccctaagca cacatatcct ggccatgttc aggatcagaa agttttcatt 51971614

tcttcagcct agatagtaag tattggtgac tacatagaag tccttgtggt 51971564

atttactgta tatctttggt agtcataatt cttcctgagc aaaagaaagg 51971514

tctgcatcag gtcttacttt acattttttg gcatcataaa ttgaaaaatt 51971464

ccatgttgca tgtcctgtgt gaggagagtt tatgcagtga gcgaataacc 51971414

tgtccttctg cctggcactg gcatcccacc tttcttgctg ttatttatgc 51971364

ttttgagcag taactttaat aaagagggaa aaatctaaac atggtctctg 51971314

tgaaaactgt tctctcaaga aggtccttat agtggcatat taattttctg 51971264

ttgctgcata acaaatgacc accatcttag tggcctaaaa caatgccgat 51971214

ttattatcta tggtcccgta gatcagaagt ctgggcacat gcaaaaccaa 51971164

ataaaatact tacgaatata tttaaccaag gaggtgaaag atctctgcaa 51971114

ggaaaactac aaaacattga tgaaagaaat tgtggatgac acaaacaaat 51971064

ggaaaaaaca tctcatgctc acggattgaa agcaatctac agattctatg 51971014

gaattactat caaaatgtca acatcatttt ttgcagagtt agaagaacca 51970964

tcctaaaatt catatgggac caaaaaactg cccaactagc caaagcaatc 51970914

ctaagcaaaa agaacaaagc tggaggtatc ataatacctg acttcgaatt 51970864

atactgcaag gctatggtca ccaaaacagc atggtactgg tattaaaata 51970814

gacacataga tcaatagaat ataatggaca acccagaaat aaagtcacat 51970764

gtctacaacc aactaatctt tgacaaagcc aacaaaaaca tacagtgggg 51970714

aaaagtcacc ctactcgata agtgtgcggg ggaaattgga ctgccatatg 51970664

caggcacatg aaactggacc tctatcttta accttataca aaaattaact 51970614

caagatggat tgaagactta aatgtaacac ccgacagtat aaaagtccta 51970564

gaagaaaacc taggaaaaac ttttttggat attggcctag gcaaagtatt 51970514

tatgaccaag acctcaaaaa caaatgcaac aaaaccaaaa ataagcaagt 51970464

gggacctagt aaaactaaaa accttctgca cagcaaaata agtaatcaac 51970414

ataatgaaca gataacctgc agaacagtag aaaatatttg caaactacag 51970364

atacaacaaa ggactaatat ccagtatctg caaggagctc aaacaactca 51970314

ataaaaacaa acaaacaaaa caccagaaca accctattaa aaagtaggca 51970264

aaggacacaa acagacattt ttagaggaag acacagaaat ggcagataag 51970214

catgtgaaaa aatgctcaac attagtaatc atcagagaaa tgaaaattaa 51970164

aaccacagtg ggataccgag ttatattagt cagaatggct cttattaaaa 51970114

agtcaaacta cagcagatat tggtgaggat gctgagaaag gggagcattt 51970064

atacactgtt ggtgggaatg taaattagta gaaccattat ggaaaacagt 51970014

atggtgattt ctcaaagaac taaaaataga agtaccattt gatctagcaa 51969964

tcccactact gggtatctac ccaaaggaaa agaaattatt atatcaaaaa 51969914

gataccttca ttcaggtgat tatctcaacc ctgttcacaa tagcaaagat 51969864

atggaatcaa cctaagtttc caatgacaaa tgattggata aagaaaatat 51969814

ggtgtgtatg tatttatata tatatgtgtg tgtgtgtgtg tacacatata 51969764

tatacacaca tacattggaa ttctactcag caataaaaaa gagtgaaatc 51969714

atggcttttg cagtaacctg tatggaacca ttatcttaag tgaagtaact 51969664

cagaaagtca aattccatat gttctcactt ataagtggga gctaaataat 51969614

gtgtacacat ggatatagtg gaataataga cactggaggc ttagaagggt 51969564

gggagggtgg aaagaaggtg ggacaagaaa ttacttaatg ggcacaatgt 51969514

tcactcttca gatgttggtt acactaaaag cccggacttt accactatgc 51969464

aatctatcca tgtaacaaaa ctgcacttgt accctctaaa tctattaaaa 51969414

aaatttttta aaaagtctgg gcacagagta gatgggttct ctgctcaagg 51969364

tctctcaagg ctgaaatcaa agtgtcagca tggctacatt ctcatctgga 51969314

attcaaggtc tacctccaag ttcattcagg ttgtcagtga aagtcaattc 51969264

attgtgaata taggatttag gtcttcattt tcttgctggc tgttggctgt 51969214

gaccactttc agcaattaaa ggctgttctt gggttctagc cacatggtct 51969164

cctccaagcc acatggcagg ttgctccttc aaggccagtg ggagaatctc 51969114

tctcttaagg actcacctga ttaggtagag gccatctccc ttttgaataa 51969064

ctcaaagtca gctgatctct cactttaatt atatctgcat aattctatca 51969014

tcattaccat ataacataac ctaatcatgg gagtgatagc ccatcatatt 51968964

cacaggctct acttctgctg aaggggagag gactacacag ggtgtgtaca 51968914

ccaggggttc agaatcctag gacatctcag aattctgctt catacaagta 51968864

atatgtttga atttgaggat ttgagaaggt cactagactc agcctttgtg 51968814

aaagcaacgt ttctcctgct ggcattgtag aagtctgttc catgtttttc 51968764

tgggctccat gtgtttcact taagtctaag gaatggacct ggcctggatc 51968714

atgtctgttc ctggagactt tactgaggct aagtgggctt tagcttcctt 51968664

agaggagttc aagtctgggg tggcccctaa gcagttcact ccatgaagta 51968614

atccgaagtc ttggtagaat acccagccct atattcagta ttaaagctgg 51968564

gacatgtctg atgtcaacaa gaagacaggg agaagacttg gccttatctg 51968514

gttctgatca aaatgtaagg aatttgtgtg gaataaccct agatccagaa 51968464

atatgcctag tcagctcttt gccctcagtg agctgtgagc acagctcctc 51968414

taaagaggca ggaaaagaag aaaagggagg gaaccaccaa aaggacctaa 51968364

tttgttagtg ttaatcggag gcctacccat tctcctaatt gattgttcac 51968314

tacaaagtag cttgatgctt ctttagcctg ggagctaaat gtaatcaact 51968264

tttgtttgtt tctgtaaaaa aatttttttt tgcccttgag gagatcatta 51968214

tttctattgt atgaagatgg tagcccaaac attagaagta attagagcag 51968164

atggcagtga atacttttat tttaaaatac actgaagctc ataagctggt 51968114

tttcattctc tgggcttctt cctttttcct ctgccaccac atatccattt 51968064

tgcttccctt caggtgtaaa gacaggaaaa aagcaaagga ggaaaaaaaa 51968014

ggtttcctgg tgtatgaaac tgcggagctg tcaaacgttc atagcaggga 51967964

aagtacgctc ctgtgtattc aatcaccgaa attaagtgtt ttcgaaggca 51967914

gtgccgtcat gggtccattg catggggaaa taacatgttg tagtccatca 51967864

cttaaaatgt taaccttgtc tcttaatagt gactgggaac acaaacacgt 51967814

gctccatgct cgctggttaa atggcagtgt gttagcttgt gaaaaaggct 51967764

agcatgtatc tgtcaatctt ctgatctggc tctgtgtgtg tgtgtgtgtg 51967714

tattcatgtg catgcacgtg agtgcgtgag tggcatacac acacacacac 51967664

acacacacat acacacacac acacaacttc ccacacttcc acttgccttt 51967614

ctgtggcttt ctgagatctg gcttattgtg tactaaaaaa tgggaagaat 51967564

tgaatcagtt tccagtactt taatgtatat ccttcactaa gatgtttttg 51967514

tttgcagtcc ctcaagtctc aggtagctgt attataatta cctattttca 51967464

attacagaaa gttccatttt gcgcatgttt taatactgat gtactataga 51967414

tacactatac tgagcatatt ataggtacta tactgatagt atagtatgaa 51967364

acagaattta ccggggtccc caaacttttc ctataaagag ccagatagta 51967314

aatatttcag gctttgtggg ccatgttgct tctgtcacaa actgaaagca 51967264

gccacaaaca atatgtaaat gaattgtcat gccgtgtgcc aatatcaaaa 51967214

tagtgggttg tggactgtag tttgctgacc tcgttatatg ttactgagtg 51967164

ttttccttga tttttttttt ctatgacata tgaagaactt gatgtctacc 51967114

caggtctttg tgcagtgttt ctcattgcat cactagaaag gccatctggc 51967064

tatacagcgt tccttcctcc agggccagcc gcctgatcct tcaggctgca 51967014

gctgcagtac tccaagcaca cccttttttc aaggtcctcc tttgatagcc 51966964

tctggctcat actctacttc tctgctcctt tcccaatcca atccaatcca 51966914

atccaatcca atccaatcca atccaatcag agcagtctct gatcactcca 51966864

tatcaaatag ctcttcctac cctggcactt ctgatccact tcaccctgtt 51966814

tcttttttac ttcagagcac actattagtt ttatatattt aacctgttat 51966764

ctccctaaaa tataagctcc atgaggtcag gaatttgttt tgtgcctggt 51966714

gtgtagtggg tgctcaataa acatttgttg aaggcaggga tccatctact 51966664

ctgtagttcc tggaaagtag tctgaaaaga gtctgtaaca aaatgagata 51966614

atacctgtta agtgcacccc gtaagtgttg gccattatta ttaattaaac 51966564

tttaagtgga aagagtaata cctacatttt ttagttgtga gtatgaaagg 51966514

aaaataaatc ttggggcctc ccaaatcact aagctaaagg gaaaagtcaa 51966464

gctgggaact gcttagggca aacctgcctt ccgttctagt caaaattatc 51966414

cctttgctca cagagataga tgcagatctg attgcctcct ttgtaaaagc 51966364

taatcagaaa cttaaaagaa tgtaatcatt tgtctctcat ctacctgtga 51966314

cctggaagtc cccctccctg cttcaagttg tcctggatgg aaccaaggta 51966264

catcttacat atattgattg atgtctcatg tctccctaaa atgtataaaa 51966214

ccaagctgtg tcccaaccac cttgggcaca tgtcatcagg acctgctgag 51966164

gctgtgtcat gggcatgcat cctcaacctt ggcaaaataa actttctaaa 51966114

ttaactgaga cctgtctcag atattcaggg tttacataag gattagtgat 51966064

actgtaagta aaatgtatag cattgtgctt gggacattag aaatattaag 51966014

taatcagtag ctatcattat cattttttct cccacaagtg aaaaggtctt 51965964

tggacttaaa attcagaaga gatactatta gaggagattt gaagattcaa 51965914

atagaggaaa cgataaaaga agactgtaaa tttgtcctgt ctgcagactt 51965864

tgaaaatcct ctgaagctta agagggctaa taacttagat atatgaagca 51965814

ctgaggtaga gtcagcaacc tttgagaaat cgcagaggat aggaagtgtg 51965764

tggaaccaag agataagaca atgaattgcc tggttttcta atgatgagaa 51965714

agggtcaatt tgaactgggc aggaatctct gacaaaaagt actgttgaca 51965664

tttctttgag tagtcaatgt gctacacagt gcagtgtgga aggacattct 51965614

catgttatct tgtaatcatg aggggtttat aaccaccgag aaaagaaagt 51965564

gatcacttag agcctgcatg aggtcagtaa gaataaatta taccaaacta 51965514

attcaatttc ctttttggtc cctaaagagt tattagatta taggttaggg 51965464

gctctattca taatcctgga tttgtagata gttgactttt ctacactatc 51965414

ttttgtttta taatcagctg aaataatctc agcctgtgtc atctgttgtg 51965364

tccagattaa aaagagaaaa cgatgtttaa tgcacttgat ttcccctgca 51965314

aggccatctc cactgtggtc agccatctaa tcctctgaac tcccatagca 51965264

tcttggttat gcctttaatt attgaatcaa tcacacttta attatctggc 51965214

tatttgtatt tttctaaatg ataatataag taccttaaga acaaggatga 51965164

ggtcacattt atttgggaga aacgccttta tattagctca tacaaaagga 51965114

tttgggattt taattggcca aaaggtttaa tgtcattgaa cattataatt 51965064

caactgttaa aatagccaag agtattaatt gggagaataa atgttattta 51965014

atgaatggta tgaagacaat cagttagcta tttgggggaa aaatagcaag 51964964

gaataaaaac aagaaaaaag tataaaactt tccatcaaca taaattgtaa 51964914

gttagttgag gagtaacatg cagatataaa acccaccaat caagaaggac 51964864

atataagtgt tatttatgtc agggtgaaag aggatgtttc atctataaca 51964814

taatgaagaa tgtcacaaaa aaggtaaata aagttggttt cgtaaaaatt 51964764

aaaacatttc aatgtaaaga agaactgaac aaaattaaat tatagcttca 51964714

tatcatatta tttcagttat taaagatttt tcattatggc atcataagtc 51964664

caaataagag ttgaccattt attcattcaa acatattttt ggggtagcca 51964614

atagatgcca ggcattattg taggttctag ggatacagca gaaaagcaag 51964564

acactcttgt gaagcttaca ttctattagg ggttgactga ttataaacca 51964514

gtatacattg tattaggtag agatgagtgc tttggagaaa ataaagaagg 51964464

atacggagtg gagaaaatgg ttacagggac ttgtcttttc ctatttccag 51964414

gatttggatg ctgaggaaga agacattttg gtgaggtgtc agaacagtta 51964364

tttcttgttc ttgtcagcca ggagacactg tgattacaga gattcccata 51964314

cgccacctcc tctgccaccc cagctcaatg catacactca caaataggtc 51964264

tttgctttgc cgggtgttcc aacttgctga tcaatgactt ctttcaagat 51964214

aactctggtg gtgttgcaag tacatttaag gtgacatgta agatttgcag 51964164

acactgcaca ttccctgaag ttcagagaag tgctgacatg ctgtaagaag 51964114

aaaacaaatt gcataagctt cctagctgag gcaggaaagt ttttttctgc 51964064

tttttttggg gtttatttgg ggctagatgc aaagatgagg tcacgttctg 51964014

ggcaattctt gtatctctat tttcacggct gcccccatat gcctatgagg 51963964

aattgatttt cttcatctgc agaataagaa tgagtgatgt gtttatctcc 51963914

aggaagaaca ctaaagctaa aggctgagca tcatgggaac tatagaggaa 51963864

agagcttata ttaggtggaa gtaagctggg ctgttgacac ggaacatggc 51963814

cttcaccaaa aatatgttgg tatcaacaga gacattctca aatatattca 51963764

caaaatcttt aatcaatgct gttggcattt tttttttctt gattggatca 51963714

aagtgacatg gattggagga tgaagatgtt ggaaggtgag ccatcctcac 51963664

tgtttcatgg agcatttccc tgggagggaa tgatagcacc agctctgtta 51963614

actgaaaatg taggagagct aaaattctta tggcaacgtg catgtaatca 51963564

tggattacac tgataacttg caatcataga gatatgctgc tcttctattt 51963514

ccccaggtag ctggtaagca gtggatgctg cagtaatttt tagatttttt 51963464

agtatttagt aattattttg tgtaaaagca tgagtacatc aataaacatt 51963414

tatacatctc aagatatctt tgttatgcta aggggaattc agggcacaag 51963364

gaaacttagg tctcttgaaa ctgaatgctt aaacatctgt attcatttga 51963314

aattggccac attgactaga gaaacttaag gtgaaagaaa aaattggtgg 51963264

aagattttat gagatcgaat ctgagtctca ggttccaatt aagtagcact 51963214

attcatcatt tggtttatgt ttaaatggag cttgaaaaca cgaaaaggga 51963164

tgtaaatgtt tcagaagacc taggggatat agcattttta aggtcttagc 51963114

acctgtatct tcacctattg cattaggaag agatgtgtgt gtgtttgtgt 51963064

gtgatatctg taaaagcatg tatggcacca gcaggtataa gattcattta 51963014

ataaattatt caaaaacatt tattgagcaa ctactatgtg ctagacatct 51962964

tttagggagg tgggaatata gcaatgaccc aaaccaagtc tctgcttcat 51962914

ttgagtaagc ttagtaagtg ataaccaaat atgcaaggaa ttgtattatt 51962864

taatactaga atgaggcatt attaggggag aaggaatgaa ggaatgattg 51962814

ggggtgcttt ttaaaaataa taatacaggt aaggaggtga tacctgagca 51962764

gaggcatgaa ttaagtaagg gagtgagcca tgcagatctt ttgggaaaga 51962714

gcatcccggg agaggccatg gtaagggaaa aacttcagat gggagcttcc 51962664

tttttgtgac tccagtttgc ctccatcact atgaactttg acacatcatt 51962614

taaacacttt gagcctttgc tttctccact ggaaagtaga gataacagta 51962564

tttgaccttt ccacctactg ggttgggacc aagtatagca atctttgaag 51962514

gctgacaggc taggccaaga ggttatagca catggaaggc agcaaatggc 51962464

ataagcaagt gcttcagagc aagaaagtct ctaaagctta ttgagagcta 51962414

gataacagat atctgtgcta atcataaaaa tttaaaaatg ttctcaaatt 51962364

aattaatgga taacaccatg aaatagtcta cctttgaccc acttaaatat 51962314

ctaactaatg tctagttgtt cccgatcatt ttactgtgtg tgtaatgagc 51962264

cctggttttc ttcatagttc tgtggctggg ttatggatct gaccaccagg 51962214

ttaatgtctc agaaagcgtt atgctgctga agtcttcata tttcttacag 51962164

ttcatcaaca catcattctt cctagcttgc tagtctttgg gcgatcctgg 51962114

ccaaagaccc taagctttgg atgttggttt ggagaaaaca tcttggttcc 51962064

ttttaaagat atatctcctt ctcctccagc ccttgctctg aattgatcct 51962014

taaattttga tgcagaagtg tcatctgaga ggatcattaa aattgtaggt 51961964

ctctgggtcc caattcttga gcttttgatt tcacaggtat atgatgacac 51961914

tagagaaatc tacattttat taagctctaa ggaacactgc ctaaaatagc 51961864

atctgtaaaa ttatgggata ggattttgct agagtccttt ccatctctgg 51961814

gcttctggaa atccaagagt tttcaaatgt ccttttatca tggactcgca 51961764

gctgacacta cagataacct ggttcaccct gttctgcagt ttactttacc 51961714

atctctgttt ttcccacctt ctttcattcc agtttccttt gatttgcctc 51961664

cctttcctct ttctgtattc tacaggagta aattaaaggg ttataagaat 51961614

gtataatata tatagcctta taagaagtac tgtttattat tttaccaacc 51961564

taaagctagt cctatagtga aatcatctag agttaaaatt ctctcctact 51961514

tttgtagcct acagatactg cagttcacaa cgatgctcct ggatcaccta 51961464

ttcttttttc tgtgatactg gaactggtta tcactatgcc ttatttcctt 51961414

ccatctctta aattgtgatg agtcatagac ttttacttct ttgcagatgt 51961364

agaaaacgaa taaattgcaa agccttctca gtgattgtgt tgggtctgca 51961314

acttagcact gttgaccttg gggtttgtat ctttttctgg aaaacgtaac 51961264

ggctcttctg gcaacacaat tttccatttt ctatctcaga aatactatag 51961214

agcactattc tctgtgtagg tgtagttgtc ggtattacaa acatgccttc 51961164

ccttctaatg atcttctccc atctgcctct aacacatcat gagaggacct 51961114

tctaggtggt ttatttttat aggaacttgg gcttcacatt tgttggaatc 51961064

tgaatgggaa gaagactgga gagagtggct tatacatgtc atatctatta 51961014

ccttgaagga atcaccttct ctattgtgat tttattatgt ttatcgtaat 51960964

tatacttcta caacttcaca aggcatttag acatgttacc agcctcttgc 51960914

atgagctcaa tattgctttc tgtgattttt atgtccctgt tttaaaaaac 51960864

gtatgacatc agagtgacca caaattaaca ggaaagccaa aagttctgag 51960814

agagggactg aaggctgggg tggagaggga gtgcttcctt ttctggcttc 51960764

ttctgtcagt acagctccct acccctcact caaatgttcc agactattta 51960714

cttgtcatct gaagtcagtc ggcattctgc ctatgcctgc atgggctttg 51960664

ttcagccctg atgcaccagg cacaggggga aaggcaacaa taatatcaaa 51960614

aaaggccgag tgggaggata gatctgagca cttaggaaga ggaatgttcc 51960564

tataaaacag ggactcttgg cagtagagcc agtgaaaaat gataccaatt 51960514

acataaagca aaatgccacc catcaagcag aacattttaa ttctccctat 51960464

tccaggctat ttatgacttt ttgtccaaga ttcaatacat atctgtaaaa 51960414

ataaatggaa tcaaactcat ctgttaggta gaatggggcc tgtgctagag 51960364

gggaaaaaaa aggcaagaaa acattaccag catgttattg gagaattcca 51960314

ggggctgggc acagaagaac ttcaaatata attttgcctc tcatgttttt 51960264

tcctgtttag gttagttgta tgaaaaagag agaggtaacc aattttatgg 51960214

agacatttaa aatatttaaa ttaattttac tttctttgag aagtttctat 51960164

tttgattcaa tacttatact atcccgccca aaaacaatga atgaaccaac 51960114

aaaccaacaa accagcgaac caaccaacga agcaacagac cagccaacca 51960064

accaaccaac ccaccaaccc agctctctgt tttccagGGC AACTTTTCTT 51960014

TACAGTTCTG CCGGAGATGG TCCAGGACTC ACAGCTGGTT TCCTGAAAGG 51959964

CTGCCACAAG ATGGCGACAA CGTCACAGTG GAGAATGGCC AATTGCTTCT 51959914

GCTGGACACT AACACAAGCA TCCTCAACTT ACTGCACATT AAAGgtgtgt 51959864

gaagtttgta ggttggtaat attattctat atgattatat cacttgtagg 51959814

ggggatggag gagggaaact ttctggataa gttccagaac ttagttgaca 51959764

atttatcctc agaccaaact gaaattttac tatgtaaagg aagaagtggt 51959714

cagagggttc aaagtgaaag gcctttcttt ggactcatta taagcacaga 51959664

gcttgattag tttaattttt caaaaacaag aaggttaaca gtgttctcaa 51959614

agaatatgct tctttattca agcacttttt agtcatgctt atccaggaca 51959564

gcccccacaa tatagcaaaa tgccctgaaa ttggttaacg ttgctgcctt 51959514

tgaaataccc tgccaagaaa gccatgtctt cctgctttta ccctgttgtg 51959464

gttttgactt cttggtccca tggaaagtca tataaatagg ctttcttatt 51959414

gcaaaaccgg ctatatagct ctagggttta tgaagttgga agaggctgag 51959364

atttcgaatt tcaaccctac taccacatct tcaaatggct aagtcagtta 51959314

tttcacctct ttgtgcattt ctttccttat ctgctaaatg agaataaaaa 51959264

tcatggccta ctttagtggc tggaaataag gaatagttat caaaatgcct 51959214

ctgttcattg gcaaatgaaa attacatggg agatatgatt agttatggat 51959164

ctctatgaaa ctctgcacta aaacactgtt ctttactata aatatattta 51959114

acacacaaac attcatcctt attaagataa gaatatagct acatgagggg 51959064

aaaaataaaa tattttaaag aggataaact aatggaattt taatacctgt 51959014

ctcttttaga ccgaatcagg atttaggcat tttgtcattc tctattctgg 51958964

aagctgtttt ttttctcttc tatagcaagg agaagttttc agtcaaatca 51958914

gttaattagt gccctttagg ggataaaatg gtctgtcagc ttgggctctt 51958864

gccctgtctt tgtgtgtgtg tgtttgtgtg tgtgtgtgtg tgtgtgtgta 51958814

gctagtggct atgggaatgc cactatagac agtcatcaac tacctaagga 51958764

ccagcaatga caaaggaaaa ttacagacct aaagcctcat ttcagagaaa 51958714

agatactctt ggcaggcctt taaccagggc tttctccata tgaatcaaat 51958664

tctgcaggag tatgggctcc ccttcaggca ttcaaaggtc ttggccttat 51958614

attgctacta ccatttggga gaagtttccc agctgaaagt cttggattac 51958564

taaatctctg gatgtactgt tacttccagg taaatcatga atagtgttga 51958514

cagcaccaga ggctgaaaac agagaagagg catcagaagg agagaaaagt 51958464

gtaggagaaa ggcaggataa gtataacatt catttgactt ctcactctta 51958414

aggatttaaa tatctgagca atcccaatac ttgccccaac ctccaatagt 51958364

ggtttttctt agcatttctg gtttaggtaa tatttcactc tcatattatt 51958314

tagataagtg agttaggttt ggaaaggcaa accctcatcc tgtggagagg 51958264

gagagtaagt catctgaagg gtctcttctt tctcttgggg aggaggagta 51958214

ggtaggatgt aaggctaagt agtagattcc agtttctgca cgaataagat 51958164

acaggagttg ttggcaaaag acagagctac ctagagtgaa acgctgaggt 51958114

ttttatcata gagatatagg tcataacttc tagaaagaat gagaacaggg 51958064

caaggacaca gatcaaattt tgttcaacag ataatttgtg aatgcttatt 51958014

gagtggccta ggattcctgt gtgaaataca agaaaaaatg aagaataata 51957964

ctggcagtaa catgtaatat taccaaagaa aaataattag aaagtaaatg 51957914

taaaagacta aaacttctgg ttctaaaata agtgatgctg gcagtgaggc 51957864

cgaatgtata ctggggtaat cttggtgtca gttgtgtaag attagagttg 51957814

gagagcggag aggaggtgaa gggcagatca tttgtgtctg agacatattg 51957764

cgatcacata gatattaaca tatacacaaa tcaaagtttg aggaaattct 51957714

ccatctcact tactggaatt gtatacatcc agtggctcag accaaaaacc 51957664

atggaggcat ccatgacttc tttctttcac ctcctatgac caccccatca 51957614

gtgaaccccg tcggctggat cttcaacatg tgtcccatgt agcaacactt 51957564

cattggtact aacctagtct taaccaccac atttttggcc tagaccatct 51957514

taaattgcct cttattttgt tcccatattt cagattcctt gttttcatta 51957464

gtagtaaaac cctaatttca ttggtggcaa caaagtactc agctgaaatg 51957414

ctctgtttcc tgaacacttt tgtagctaga catagccatg tggctaaggg 51957364

cttaccatga gatagaagaa gtaccctgca gaacatctga gaaatttcca 51957314

aaagtagaga tgacccagta ggaactacac cctattttcc cttccttctt 51957264

tctctttcct acttgctggt atataaatgt aatagcaaca ttttcggcca 51957214

ctattttgga ccatgatgct acttgttagt tagaatggaa aagcggaaga 51957164

ataggacaaa cccaggaccc tgatgactct ggagttgcca tgataaggca 51957114

ttcaaccacc cacctctgaa ataacttttt gtgacaggaa aataaggctt 51957064

catgggttta agtaatggat atttggcttt tatgctatat ggtaaagtaa 51957014

acccccagca gtttatggtc catttccttt aaaaatttaa gtcaaatctc 51956964

tcctcaaaac ctccagtgga atctcaactc actgggaatc aaatcactgg 51956914

tccttactat tatttaacct ctgatcccct tgttgacctt gtctttctca 51956864

ttcactctgc tctagctctt ctatgaatat acctgcctca ggacctttgc 51956814

ctgtaatgtc tatggcctgg aatgctcttc ttccacattc atgtggctgg 51956764

ctcacctatt tcatttgctc tttgagaaaa tatcaactaa tctgggagga 51956714

cttgctggcc atcatttcta aaattacagc caccccccag gactctttat 51956664

cctttgatgt tgctttactt ttcttcatag tacttatcat cacatggtat 51956614

attatcaatt tacttgcttg tttatagtct gtctcctcta ctagaataag 51956564

ctcaaaaaag acaaaggatt tcatcaattt atttactgtt gtctcttcag 51956514

ggtctagaac agtgcctgat gcatgacgaa ggctcaaaaa ttttatgttg 51956464

attgtagaaa gaatggacaa gtaaatggtc ctgggtgaaa tttaagaagt 51956414

gtatatttta aacccttgct ctcttaaata ccacttttcc cagctaattt 51956364

actttcactg tccttagttg ttctcactga ttacacacac acacacacac 51956314

acacacacgt atgtataagt acacacatat acacttacat attcacatat 51956264

acatatttac acacgcaaaa tatgtacata cacacatatg tctatatata 51956214

tttgcatatt atgatgaatt gttaggaata taaaatctgt tggtaagtta 51956164

tatttctgtt tctaaaaggc atatgaccaa agtcttcact ggtgaagaac 51956114

tacaactttc aaatatctga tcaatgtaac atagctgtaa acctctttta 51956064

atgtcttccc ttggtctata atatgtgtga aagtacttga aagataataa 51956014

agagctcttc aaatataaga ttgaataatc acaatcatca tcaacaacaa 51955964

caacagtaac tcaccctcca aatattagtt actatctttt tcatatacat 51955914

tcacagtgtc agaaaaatag ctgagtgaaa ttttctttac tttttctgat 51955864

accatctgca ggcttagata aagcctgaga aatttcaagc caaaaataat 51955814

ttcttcaaaa gattttaacc gacaaaatat gaagtattat aatggaagta 51955764

ctttctcagc catttctata ttacaaagaa tacattctac atgaagtata 51955714

tatattttga aaggattact gctaagtaac agtgaaacta gatcacctaa 51955664

gaactacatt tggaaatact ttatgaaggt attacatcct ttatattatt 51955614

tttccattca tggaagccag catcctgata tgtagaaaac tgggctcgta 51955564

caacaggaaa accaacactt tatggaccct caagagtctt gaactctctg 51955514

tgccttactc atattttcat ctataaaata gaattgacat ttttttctta 51955464

cacatattac ttatatagta gaaggcaggg tcataaattt ttggggggca 51955414

attgagaagt ggccccaatg ttttgtgtca ttatttatga tgctatatgt 51955364

actgactccc aacttaaaaa gtagcagatt cttttgtgac tgtgataaga 51955314

gcttcagctg catttattat tttattttaa ttagaaaaag atccagaact 51955264

tttgtctact tactatctct acttcttccc tccttcctgc cctccctccc 51955214

ttttttaaaa aaaaaatatt ttttaggggc accgttaaac acaaaagaga 51955164

attaacccaa tcaattaata ctaatgagct gggatggaaa taggcatatt 51955114

gccttgattt agttaattat attttcattc ttttatgtta agatgcccaa 51955064

tggccatagg cattgctgaa ttaaaattta ttatttttat tccaagtaat 51955014

tatgatgagc cataatcaca aagaaggaac gttaccctct tgtcagagca 51954964

ttctgcatcc cgggcaagga tcttgggttg tggtctgtag ttggggaaac 51954914

attcatattt cctgaatgaa gcaatgaatc tctttctgat ctggtcatca 51954864

agcagcttga tgtgaagtag tgtaacgata atgattaatg aaagggtcaa 51954814

ttaggggaga atgaactctc tccttggtgt tgagctgtta ggtgtaggta 51954764

ctcctatcac acacacacaa cacaaaagaa ggtaactgtg aagtgattga 51954714

tatgctaatt tgtttgacta tagtaattac tgcattatat ataatacata 51954664

tttatccaca cacatacaca catgaaaaca tcctgttgtt tgccttaaat 51954614

atatacaata aaaaaggaag acagtttgta gtttcttact actcacaatg 51954564

ccagtgcttg tgtctgagca gaaacttgtt tccagtctct gttgctgctt 51954514

aatagtgcac tggtttcctt taatgtgatt ttctattttt tggtctactg 51954464

gcttatacta aagcagttaa atgcttggca gtatttctag ccacaaagaa 51954414

ctgagcctga atctgggctc cactacttcc cagctctgtg accttgggca 51954364

agttgcagac cttctgtaag tctcaggttt ttcctcatta aggtgatacc 51954314

tggttataat gacaataata gtaacaatga gagctagcat ttatcattgt 51954264

tgcatggcaa tatcacaatg tattgcctgt ctcgtatgga tgttttcagt 51954214

attaaatgag gggatatttg taaagccatt agcacacagc ctggtccaga 51954164

gtaagaactc aattaatgct agtttttgtt acttttggac tgtcagagat 51954114

aacaggagat atggctgaat atcaggctta agttacaatt ttatttacag 51954064

atagtggctg cttctatata caaagcaaac tggattactg aaagaattag 51954014

ctgggtaata aagaccttgg attgcttttg cttctgttat cttcagaatg 51953964

catattgaag tgtttttcct tctattgcga gggagggacg gatggagaag 51953914

tggatccatt tgcttgccgg cattctcctt gttactttga cttcacagaa 51953864

acatgttttt ctggtgtagc ttggaacatg atctcatttt ctctcaactg 51953814

ttttttagtt cacagttttg aggacattca gatcttttta agtccattac 51953764

atctggggtt tctatgtcat ggaaatgcat attcttggtt tattgaaatg 51953714

aagcatcttc ttctgactca ctgtcaggtt cattgtagaa ttccttcatc 51953664

cttgacaagc atttgaggat ttcagagtga ggtattaaat gatgaaccta 51953614

tcacagcctt tttttttttt aatcccaggg attgtatact tggttgcttc 51953564

tagttagcac taagccagcc tcagattcag tagatgcatg cttcagataa 51953514

tgctttccaa tgcagttatc tagaaatgtt acaacacaga actttcctga 51953464

gatgttgctt gtgatctctt tgtgcatcag gcctgtgtga gtcacttggc 51953414

attttaccct ctgcctatag tttcaagact tcatagctac cagttaggat 51953364

aaaacaaaat ctgaaggaag gcagtaattt tgataaaaat atgatattca 51953314

acaataattt gttttttttc tctaactgta gaatatcttg gtcaacagga 51953264

gagggttttg tgggctggaa acattgttgc aaattggtaa attcaaaata 51953214

atttatctgc aagttggctg taaaagaaga tggactgaat tgccctcttt 51953164

tgtagtcaaa acgtagctac ccttcaagcc agaagatagg atgcttatgt 51953114

gcagacaata caacaaggtt gattcattgc agtttggtca gcaaactgga 51953064

gcctgacttc aaatttgagt cagtcacaga ctcttttatg gttttgggta 51953014

aggctctggt cctcaaatca atgcacaaaa tggaaataat ggtgattccc 51952964

ttccctgtgt agggagaaaa tgtcttgtat aaacctctac tggatgttaa 51952914

tgttgtttgt gtgtgtgcaa ctctgtggag gaagagcagt ataggaatga 51952864

gtaaattttc ttcctatatt tggcaggcat ggtaccctaa ggggctggtc 51952814

tgtgccatta tccagaaggg aggcctgatg aagaagttag catcagaact 51952764

agcccgagtt tttttgaagt tcactcttaa ctcttgggtg tcttcatgtg 51952714

ctgggctttt cttggtgaca agtaggtgtt acttatttca tgggagggga 51952664

actttgctga tattcaaagc taagtgtatc acaggtagaa tttttaattg 51952614

gttaaaaact tgaattattt ttatattaat tatttacaaa tagaatatca 51952564

aggtgtattt tttcttccct ctaccatttt ggaggcttat aaaggtctag 51952514

gctgtaagct gaagaaagga ggggccagct ctgtttttgc tcacctttgt 51952464

gttgccagca ccattttatc tccaggcacg aaacaggtac tcaaataatg 51952414

gctgaatgaa taagctaata aatgagtttc agacctgaag aggcagattc 51952364

atgtttgttg agaatttctc tataatcaga gtccttcctg gtaccctcaa 51952314

atgttagtgg attagtccag acagtgacca attttattta ctatttgtgt 51952264

atcaggagat cagagacaaa ggctttttaa tgtgggggac acttggctct 51952214

gagacccctt atttttccaa tcagacaatg acttacatta tttacctcca 51952164

gagaacagtc ccagacacac ttgattagcc ttaaatgaaa gataagccat 51952114

tgctatgaga aaggacatgc tttcaataga tgggcagaca gacagataga 51952064

tagatattaa acaatttaca gttttatgtc ttgacaactt ggatattgta 51952014

acatgaaaaa tgctactgaa agggaccagt cccttcctag cagagaagct 51951964

ataatatttt cagtaatgaa agataaatgt ttcaagcttc cttacttaaa 51951914

acctttcatt ggctttccat tagcctgtaa gttcaagtcc aaacttaata 51951864

tggcttatag ggtcatgcag gacttggtct gtctttacct ctccatctca 51951814

tttgttcatt aatgatccct atatcctatt catcctggac tggaagtgga 51951764

gctagaaatc tgaagtactt ttgtatttgg gattcttgtg tagataaaaa 51951714

tatgttgggg actgagcatt tcattattat agtttctata caatattcct 51951664

ggggtcaggt aaaggtagga agtactgtat tctcattttt aaaattaata 51951614

aatactataa gaaaagtatt gtttgctttt atttccaata ctattatgct 51951564

ataccaaatc atttttataa tattcagaga ataattatat ttggaacctt 51951514

ttgaaaaaac aagttgctta gagaggtgta tcaaattgca ggctggtcaa 51951464

aaatgagatt gggtcagtgc taactgaact ttgataaaga gaaagaggaa 51951414

gattatctga atgaacttag tagctagggg gatttttaca tgcttggtac 51951364

agacctcggg aaaaagacga tttttttttt gtcttttcta tttctcctta 51951314

gaaatagctt tcttcttgag attttaagtg actttttaga aagccatgga 51951264

acagctgaag gccttgagca cttaaatgct agaagctttg ttgataaaat 51951214

aagtcatggt tttctagatg tagaaaggaa atcaaagttt agttaggtag 51951164

taattgataa cagtagctat aataacaaag gcatttactt atatcttagt 51951114

gtttgagttc ctttaaatat ttctgtgtag tttgccttcc acagatatgt 51951064

ttacactctg taattagtac agagttaata cagttataag gttaccttaa 51951014

tgagtttcat attttgtaga aaaagtaaag agctgagtca cagtctttat 51950964

attctcttat agtcatctct aaagtgggac aattcactaa aaccaacaca 51950914

tttccattca cccggaggag caattcaact tcaccgtgac cttcagaaac 51950864

tggagactct attttacatt tttatttcgg tacctagcag aggagctgga 51950814

aactagtggt aaatgttggt tgagtgacta agggaattat tctataattc 51950764

caggcttgta ttttctcagc ctgtttcaga tgatgccaaa catcaccagc 51950714

ctacggacac ctagaacaat cacttaattt actgatagta gtgattctca 51950664

aagtgtagcc cccagtcagc agcactggca tcacctggta acttatacaa 51950614

actgtaaatt tgggagctct acagtaaacc tactctggga atgaggccca 51950564

gtagtctgtg ttttaagaca tccaagtgat tctgatgcag gttcaagttt 51950514

gagaactact agcctaaaac aataaaagga gccctatgga attgtgagga 51950464

ccagaagcca attagcctgg cccaactact catttcccaa aggctatgag 51950414

acctttagca aagaacagtg gaaacttggc tggccacatt gaatgggctt 51950364

atcttgagca cagcattttt agttggatgc acaggtccct accccgccag 51950314

ggaaatctga gttgatgaaa atggtttctc ccaactgcta ttgtttgcag 51950264

ctctgagtca gtgattttat ttcatatata tatatatata tatttttttt 51950214

tttctctata ttgcccattt gactgcagta ccaggctaat taaggaatta 51950164

gtatgtggca tccattctgg ggaggtgtct gattcttgtc ctgcatcctg 51950114

tgaacatttt tgcaaacact ttctagttca tattttcttt ttttaatcag 51950064

gcagagacat tacaattaaa ataccgttaa agtgattctg gcaagtattg 51950014

caataagcat gttttttaat taaaggaaga acagggagat gcataagcag 51949964

tatcagctaa aggggaaaat ttcttctgat atctatttta attgaaattt 51949914

tgaaaaatgg gaaaaacagc agcagcagca gcctctgctt ctgtgtgtgt 51949864

gtggctccat cccaggttgc taggtttagg tattctgtgc ttgattaatt 51949814

agtagccagc cagagagtcc attccctttg cccccaatcc ttaaagcctg 51949764

atttatgcct cacatccccc atgaatatgt gagggctcag gcatctattt 51949714

cctgagctgc tagtggatag gattatggag cgtggactaa gctcttgggg 51949664

gctctcgttt gccagccaaa ttgattttcc gcctctctgg ctggggacaa 51949614

gcccacctcg aaggcttccc aggctctgct ccagtggatc aggcacaagt 51949564

ctaatccgga tcttgccaac aaaggaagct gtgtccatcc gtgtcacaat 51949514

gcaggtttct ttgggctgtg ggtgccttct ctaaatgctc ctctttcctc 51949464

ctcttcctca ccttctcctg gctcctgctc ccagagcagc acagtgcagt 51949414

aaggtacagg gatatactcc aactctgccc agatcactca gccagctctc 51949364

cttacccagg cagagcagga tttgtccatc ttgaatggat gattcctttt 51949314

ctccagggaa agggaattcc acaggcttcc tcgactatcc atttgactat 51949264

ttaataattg aaaggtaaga atatataggc tgctaaattt tttaagaaaa 51949214

aatggtgaat tgggggttaa tcaatgtagg caagtaaatt agtttacatc 51949164

taaaaattta gatagttcaa gctttgagta aatgaattat ctagcttggt 51949114

gatacagatt aatctaatga attggggttc tcagatccct ccctggtctt 51949064

gcctccattt acctctcatt tttcctctgt ttaaaaatag aatcactctc 51949014

cctgggttta ttttatcacc tgacattcac atcctaactc tgtacatgct 51948964

ggctgtgcac cttttctctc ttgatcttcc taaaaatggc attaagggtt 51948914

tgacacactc atctacctct ttaacagttc ttaaggctct tcgttgagcc 51948864

tatgtctaca accttatgat ccttctaact cacctaattc tttgatctgc 51948814

tctcaagaat cttgtttctt attctagcct ttaaatgttg atggttgaca 51948764

gttgtttccc tacctttacc caccttacct ttcttctgtt cttactctac 51948714

atgtcctccc tgggagacct catttacttt gataatttca actcctcgtt 51948664

attcaacaag tattgagtga tcacttaaca cgttccccat gttccaggca 51948614

cagggactat ggctgtgaac aaaacaggcc aaaatcttgc tctcatggtg 51948564

tttacttcta gaaggaaaac agtcaataaa caaaataaga aaattatagt 51948514

ttttgttaaa tttgcttagt accatggaga aaaatgcagc aggagaggtg 51948464

aatagggaat acacattgga ggtggtagtt ggggatattg gcacacagcg 51948414

atagcaaatg ttgtgaggca agggagcaaa aaggagtatt ggaacaaggg 51948364

ggagagcaga ggcagatggg gccagagaga accaacgctg taaggtttga 51948314

taggctttga ctctaaatat gatgggagcc attgaagaat tttggcagag 51948264

aggtaacacg atatggttca catgaaaaga aggaatgaca acactgagtg 51948214

ttgttttgag aattaaccct gaggtagagg ataagggcag aaacagggag 51948164

ctaagttaag atgctgttac aataatccat gggtgagatg agagtgactt 51948114

ggaccccaga agtagatgtg gaggtggtaa gtggttgggt tataggggac 51948064

gttttgaagg tggaatgcat acaatttcct gaagtattga ttatggagtg 51948014

agagacagtg aaagttaact ctgtgatttt cagacttagc aattgcaagg 51947964

atgaagttac cattcatgga atgggaagga ctgagggaag atctgtgggg 51947914

caagacaagg aaaggagttc atggatactc atagttaaga aactatgaga 51947864

catccaagta gagatgttga gtaggcagtt gggtatgtga atcttgagct 51947814

gagggcacaa gcttggagat ataaatttga gagtcattga caattagcgt 51947764

gcgatggtgt ttaaaacctt aagacaagat gggacaactg gcatggtcta 51947714

cagagactga taagaaacgt gtttagaggg ctgaggcttg ggacccacca 51947664

agtgtcagtg gttgggatga tcaggaggaa tcaggcagaa gaggctgaga 51947614

agaggatgcc taagaagtaa gaggaaaacc agctgggttt gtacccaacc 51947564

tacttaatta gaaaagtccc atgtgctcac tgtcattgag tcaataggga 51947514

gctttcttag tatttgctaa aaatgaagac atgaaattag ataccaggtg 51947464

aaggaaagac aaaggttcta aatagaagag tttattcttc tgttctttta 51947414

tgagttacta gcacttttgc attttatgag gttttcttta gcgattcaat 51947364

acaatgtata gaatatagca catgatgaaa atttgataga agtatagaaa 51947314

cattggattt tttaaataga gatgagaaaa tgaaagaaag aaaaacaaag 51947264

aggctgggca agtgaggaga gggagtttta ggaaagaagt gaccaagttg 51947214

tcaaatgctg ctggtcactc gggaagggtg aggactgagc attgagcctg 51947164

agattcacca atgtggttgc catctgtggc cttgagagga gcagttttgc 51947114

aggttcatca ggtaaaggcc tgaccaggga gggttcaaaa gacagtcatg 51947064

aaaaagagtt gaagatagta ggtatagcca ctcttttgaa gactagtatt 51947014

gtatggtata atatttatac ttaaattttt tctgtaaggg ggaaaataga 51946964

attgtgtatt tgttttctta aaaaaaacaa caaattattt tgtggttatt 51946914

atagaggatg actaattgtt gggttagcca aaagcagatt ttgatgtact 51946864

ttgcaaacat tagctagctg ctaaaagtct cttttacttc cctttaaaag 51946814

aaacaaaaga gatgtttaat ggaaagaggt gattacatat aaaaagttgt 51946764

gttcatttat ttattttaga gggaagtaac aataatgatg gttgattgat 51946714

ttttataaaa ttacccaagg ttacttgtgg gacatagtca gctttcatga 51946664

aagtcataac aagcaattta agggtcacag ccaaaggctg atttcagccc 51946614

tgctctttat ttcagcattt agaaatgggg tcaagctcta taaagtatgg 51946564

aataaagtcc tcccacagcc ctcccatact caagtaacta tcctttaaag 51946514

cagcccactg tatatttatt ttaaactaat aaagtgtgag gatgaaaatc 51946464

ttggtgcctt ggcataaaga tagattaagt ataaacttta tcttctttca 51946414

cataaagaag gtttcatttg tttatctaat tatttcaggc aaaaatagct 51946364

gaattcctca tcaaactttc ttctaaatgt acctagattt tcttatattt 51946314

gccactaata aagcggggtg gggatgcttt ttagcaggag ttaatgatgt 51946264

tcatattaat taattagtcc tgtttatgac actcctgaca acgcagataa 51946214

ttcattttct ttgggatgag tttttctccc ttcattagca tcattattag 51946164

ttcctgtcag taaatgatgt ttcaaaattt ctaccaattt gtttcagtgt 51946114

atttaacatt ttgcttcatg gtaaaaggga caaagcccat gtttatatat 51946064

ttacccacta atccttgtaa tctgtttcaa atcctttttg gaaaaagaca 51946014

aggtatatct tcattaacaa aattaaaata aatcatgtat aaacaagcca 51945964

taggcaaact ttcttaggtt cacacatgtt tttccttaaa tgtaactatg 51945914

agaacaaccc tagtgaattg agagctactg gggaaggttt gtgcaaatgg 51945864

ataggatctg agccttttgg ttgggtagtc ctgggttcta gtttggttct 51945814

gtgtattctg ggctggaata ggtatgaatg cctcttagcc acattctgct 51945764

ctgtgaaata aagaatgtga tcttgatctc acagactggt tttgaaggtc 51945714

attttagaca atatatctac agattttggt acatggtagg tgctgaataa 51945664

atgttagctt tcttgttttc cctgtagtct tatatgaatt cctgactatg 51945614

catctcatat cttgcttaag aaaaaattca gtgattactg cagcacaggc 51945564

agtgtcagga aaacatgagc cttgtgcctc cattagtgtc ccatgcacat 51945514

ctgactgcat tcataaagat gtagacgtca agtgttctag agttgaaagg 51945464

aactcataat tccaccttcc actttgcgga tgaaaccaca gaccattaat 51945414

aggcactgag taggagagat ttgggacctg agtaatctga ggcccagcaa 51945364

ttgtatggga cttactgagg ctcattcaga ggtcaatagc agactcagga 51945314

caggaacctt gattttgttc cctgccttta ccacttgctc atcaaggtca 51945264

gtttagattt cctgactatt tacaatgcgg cagtcctgtc atacaaatcc 51945214

atgttctacc agttgaatat aattatttag gatgttaatg acatgtggct 51945164

gtgagggaaa aattttagtt aacataaaat ttgatctgta gcccaggtca 51945114

tatttcttcc ttcttgctca cactgggact catgattatt actgcatttc 51945064

tatgtaatga caatgaaagg aaaaaagtca aaattgttag ggaatccttt 51945014

ggaagtctgg taagcagtgt ggtactgctc tggcatggag cctgtagact 51944964

gaccttgctg ctttacccta gagtatgaaa tattatatat gacaaaatat 51944914

ttcaaaagga ccagtaacag agagatgttg gatgcagatg gtctagcagt 51944864

gctcaagtgg tagggcactt gtagaaattg agcaggttgt agatataatc 51944814

acccggtggg ttcttcctgc cagttgcaca gacaaaatca attcgtcaag 51944764

accatggcgt tgcagtaaag aaagcattta actgatgcaa ggccctccac 51944714

accatttggg ggatggggtt attacccaaa tcaatctccc tggaggctca 51944664

gaggttaggg gttttcaagg gtagtttgtt gggcagggaa ctagggtatg 51944614

gggaatattg atttgttggg gatgaaatca taggggtatg gaaaacagtc 51944564

cttgtgtact gagtctgtct ttaggtaagg gccacagcac tggttgagtc 51944514

ttgggtcatg aatctgagtg aagtcagctg gtggtcagaa atacaaaagc 51944464

ctaaaaaaaa atctcaaaag accaatctta gtgtttttca ctcgcatcca 51944414

tgcgaagaga ccaccaaaca ggctttgtgt gagcaacaag gctgtttatt 51944364

tcacctgggt gcaggtgggc tgagtccgaa aagagagtca gtgaagggag 51944314

atggggcggg gccgttttat aagatttggg gaggtaaagg aaaaaggggg 51944264

gttgttctct ggcgtgtagg agtgggggtc acaaagtgct cagtggggga 51944214

gctttttgag ccaggatgag ccaggagaag gaatttcaca aggtaatgtc 51944164

atcagttagg caaggactgg ccatttcact tcttttgtgg tggaatgtca 51944114

tcagttaagg caggaacagg ccatttaaat atcacttctt ttgtgattct 51944064

tcagttactt caggccatct ggatgtatac gtgcaggtca caggggatat 51944014

gatggcttag cttgggctca gaggcctgac attcctgtct tcttatatta 51943964

ataagaaaaa taaaacataa cagtattgaa gtgttgggat ggtgaaaatt 51943914

tttgggggtg gtatggagag ataatgggcg atgtttctca gggctgcttc 51943864

gagcgggatt aggggcggca tggaaaccta cagtgggaga gattaagctg 51943814

aaggaaggtt ttgtggtaag gggtgatatt gtggggttgt tagaagaaat 51943764

atttgtcata tagaatgatt ggtgatggcc tggatatggt tttgtatgaa 51943714

ttgaaaaaag aatggaataa gacaaggaga aaagcaggta ttaaaggatt 51943664

aagaattggg aggatccagg acatctaact agagagtgct taaggaggtt 51943614

cagcatagcc ctgccagcaa agattattta tttactttaa gagggagtta 51943564

agaatggtgg tttggggata gcaccaggag atatcagctg tgatggcttg 51943514

gagaaacagt gtaaaccggc agtgtaaaca agagcagggc atttatgagt 51943464

agttgagaac ggtgaatagg agtatgacta gacagaagat agtagggatg 51943414

atgagttttt tttttttttg gtggaaggga tgcagtccaa gttggtctgg 51943364

tgtctggaat gagactgggg cctaataaaa aggagcgtct tatacaggag 51943314

ctcaaatggg ctgtaccttg tagcattccg agttcaggcc tgaattctga 51943264

gaagggcaag tggtaaaagt attgtccagt cctttttaag ttggtggctg 51943214

agcttggtga ggtgtgtttt taaaagacta ttagttcact gaatacgaag 51943164

agcctgagaa actgcttggg tgatttgact aataaaggcc agtccattat 51943114

aagactgtat agaggtggga agcccaaact gaggaattat gtctgacaga 51943064

agggaagaaa tgaccgtggt ggccttctta gaccctgtgg gaaaggcctc 51943014

tacctatcca gtgaaagtgt ctacctagac caagaggtat tttagtttcc 51942964

tgacttgggg catgttgagt aaagccaatt tgccagtcct gggcaggggc 51942914

aaatccccga gcttgatgtg tagggagggg agggggcctg aataatccct 51942864

gaggagtagt agaatagcag atggaacact gagaagttat ttccttgagg 51942814

atggatttcc acgatggaaa gtaaatgaga ggttctaaga ggcgggctag 51942764

tggcttgtac tatagcatag cctgcctttg ctggtgtgtg gtaattaggc 51942714

ttggtggaac tgccatcaat aaaccaagtg tgatcagggt gaggaacagg 51942664

aaagaaggaa atatggagaa atgggggtga atgtcaggtg gatcagagag 51942614

ataagtcatg ggggtcaggt gtggtatcag gaataatgtg ggaggccgga 51942564

ttgaagtccg ggccaggaac agtggtaatt gcgggagact caacaaaaag 51942514

tgagtacagc tgaaggagcc agggagcaga aagtatatgt gtcaggtgtg 51942464

aggaagaaaa taggttttgg aagttatgag aactatagag agtgagttaa 51942414

gcatagttta tggttttaag ggcctctaaa agtattaggg cggcagcggc 51942364

tgctgcacgc agacttgagg gctaggcaaa actgtaaggt caagttgttt 51942314

ggataaaaag gctacagggc acagtcccag ttcttgggta agaattctga 51942264

ctgcacagcc ctgcacttca gctgtgggta atgaaaaggg ttgggatgag 51942214

tcagggagag ctaaggttgg ggcagtctct aaagctgtct tcaaggaatg 51942164

gaaagaggag tggggaaagg atttaggatc tatggggtca gctaggtttc 51942114

cttttgtgag cttatataat ggctttgtta ggatggcaaa actaggtgtc 51942064

taaagtcgaa agtatccaac catgcctagg aaggaaagga gttgttttgt 51942014

agaaggtggt ggggtttgag agatcagtag gacacgatcg gcagggaaaa 51941964

cacgttttat gagaattacg ccatgatagg taacagatga ggaagaaatt 51941914

tgggcttgac tgaagtaatg ggggctgtct gtgaaggctt gcggcagtac 51941864

agcccaggta atttgctgag cctgatgggt gtcagggtca gtccaagtga 51941814

aagcgaagag aggctgggat gaagggtgca aaggaatagt aaagaaagca 51941764

tgtttgagat ccagaacaga ataatgggtt gtggagggag gtattgagga 51941714

taggagagta tatgggtttg gcaccacggg gtggataggc aaaacaattt 51941664

ggttgataag gcacagatcc tgaactaacc tgtaagcctt gtctggtttt 51941614

aggacaggta aaatggtgga attgtaaaga gagtttatag gctttaaaag 51941564

gccatgctgg gctgggtgcg gtggctcacg cctgtaatcc cagcactttg 51941514

ggaggccgag gcgggtggat catgaggtca ggagatcgag accatcctgg 51941464

ctaacaaggt gaaaccccgt ctctactaaa aatacaaaaa attagccggg 51941414

cgcggtggcg ggcgcctgta gtcccagcta ctcgggaggc tgaggcagga 51941364

gaatggcgtg aacccgggaa gcggagcttg cagtgagccg agattgcgcc 51941314

actgcagtcc gcagtccggc ctgggcgaca gagcgagact ccgtctcaaa 51941264

aaaaaaaaaa aaaaaaaaaa aaaaaaaggc catgctgtaa caggtgagtg 51941214

ataacaggct ttaatccttt taaagcgtgc tgtgggatgg gatattggca 51941164

ttgagtgggg taagggtgat taggttttaa tgggatggta aagggtgcat 51941114

gatcagtcgc caaggaggga gtagaggtgt cttatatttg tgggttaagg 51941064

tgggggggga tacaagagga ggatgcgaag gaggctttga actggggtaa 51941014

agggcagcag tgaggtgtgg ctgtaatcta ggaacagtga gggaagcaga 51940964

taattcaatt aaaatgtctc ggcctaataa gggaactggg caggtgggga 51940914

taactaaaaa ggagtgcata aaagaatgtt gtctaagatg gcaccagagt 51940864

tggggagttt taagaggttt agaagcctgg ccgtcaatac ccacaacagt 51940814

tatggaggca agggaaacag gtccttgaaa agaaggtaat gtggagtggg 51940764

tagcctccgt attgactaag aaggggacgg acttaccttc cactgtgaga 51940714

gttacccaga gcgtctgcga tggtcctgta ggcttccgag gcaatcgggc 51940664

agtatcagtc ttcagctgct tatccaagaa gatctgggaa ggagtcagtc 51940614

agagagcctt gggccagagt tccaggggct ctggaagtgg cttccaggtg 51940564

agttgaacag tccgattttc agtggggtcc cacacagatg gggcatggct 51940514

taggaggaat cccgggctgt gggcattcct tggcccagtg gccagatttc 51940464

cagcacttgt agtaagctcc tgggggagga ggttctggag gaacccctga 51940414

cagctgcggt tcaggcattt ggagttcttg tgtgctggag atatggctgg 51940364

ggtttgtctc acagtggagg caaggaattg caactcagaa atacattgct 51940314

acttggctgc ctctactcta ttatagtaca ccttgaaggc aaggttaatt 51940264

aagtcctgtt gtggggtttg agggccggaa tttaattttt gtagttttat 51940214

ttaatgtcag gagcggattg ggtaataaaa tgtatattga gaataagacg 51940164

gccttttgac cttttagggt ctagggctgt aaagcatctc agggttgctg 51940114

ctgaacgaac catgaactgg gctgggtttt tcatatttga tgaaaaagag 51940064

cctaaatgct aactgatttt gggagaggtc agataaagaa aaaggagcat 51940014

taaccttgac tatgccttta gctccagcca cctttttaag aggaaattgc 51939964

tgggcaggtg ggggagggat agtcgaggaa ttaaactgta agccagacct 51939914

ggtgtgatga gggaggtgat aaaaggatta tagggtgggg gagcagaggc 51939864

tgaggaagaa ttgggacctg gctgggcctg gcaaggagca gcctggggag 51939814

gaggggagaa gtcagatggg tctgtagaaa aggaagatta gaaagactca 51939764

gtgatgcttg gggttgggac tgagagaaca ggagggaggg aaagaaggag 51939714

gatttgggat gagtcgcatt gggaacagag actagggagg aaacaatgtg 51939664

taaaagaatg tctggacgtc aggcatctca gacggtttgt ctattttacg 51939614

ataagaatta tctagatctt gtaggatgga aaaatcgaaa atgctgtttt 51939564

ctggctattt ggaaccactg tcaagtttgt aatggggtca agtggcattg 51939514

cagaagaaaa taaggcattt aggtttaggt caggtgtgag ttgaagaggt 51939464

tttaagttct tgagaacaca ggataaggga gaaggaggaa tggagggtgg 51939414

aaggctgccc atagtgaagg aggcgagcca agagaaaaga gagagtagag 51939364

acacggagag aaggggtcag cgggttcttg ccccctagaa aagcggagaa 51939314

ggggtagaga cacggagaga aggggtctgg gcgttcttgc cccccagaaa 51939264

agcggtactt gccactaagg gtgaaggaga aggggttggg ggggttcttg 51939214

ccccccagaa aagtggagaa ggggtagaga catggagaga aggggtcagg 51939164

ggggtccttg ccccccagaa aagcagtact tgctgctaag ggtgaaggac 51939114

caaggcaggc atccccacgt ggtcagacac ctctgaaatg tgggtgaata 51939064

atcaggcaga catccccgca tgattaaaca ccaagggaag actgtcttcc 51939014

tgagtccgtg actggcgcca gagttttggg tccatggata aaacgcatct 51938964

tctgcatcac cagaaaagga aaggaactga aattaagaga agagagagat 51938914

tgaagtgtgg caccaagatt gaaaggagaa agaggttgag ggatagtgag 51938864

agaggttgga gaagagagta aaaagaggct gcttaccgga tttaaaattg 51938814

gtgagatgtt ccttggtctg aggaccagaa gtcataggtg gatctttctc 51938764

acggaacaaa gagcaggagg acaggggatt gatctcccaa gggaggttcc 51938714

ctgatctgag tcatggcagc aaaatttcac ttgcgtctgt gtgaagagac 51938664

caccaaacag gttttgtatg agcaacaagg ctgtttattt cacctgggtg 51938614

caggtgggct gagtccgaaa agagagtcag tgaagggaga tagtagtggg 51938564

gccatcttat aagatttggg gaggtaaagg aaaaaggggg gttgttctct 51938514

ggcgggcagg agtggggggt cacagcgtgc tcagtggggg agctttttga 51938464

gccaggatga gccaggagaa ggaatttcac caggtaatgt catcagttag 51938414

gcaaggacca gccattttca cttcttttgt ggtggaatgt catcagttaa 51938364

ggcaggaaca ggccatttaa atatcacttc ttttgtgatt cttcagttac 51938314

ttcaggccat ctggatgtat acgtgcaggt cacaggggat atgatggctt 51938264

agcttgggct cagaggcctg acagtttcta aaatagtgat gttatctatt 51938214

ggagtatttg gaagagttgc aaatcttgtg acctcttgaa caatggctag 51938164

taatcattta aatatgctaa acatcttaga attttggcac ctcttataat 51938114

cctagccttg tggcctttca ttagttttac aaaggtagtt taattttggg 51938064

aagggctatt atcatccttg tttaaggtta gactataaac taaattcctc 51938014

ccatagttag cttggcttac acctaggaat gagcaaagcc agccagcctg 51937964

tgaggctagg aacaagatgg agtaagccat gttagatttt tctcactgtc 51937914

agaatctttg caaggatggt ttcacagcaa taatggagga agcgaagatg 51937864

gtgagtgtga tgatagccac agagaccatt gcattaaggg ttgaataggt 51937814

gtcagactcc agaccaggga tctataagaa ctatttcaat aaatctcacc 51937764

ttaatcttct gagggtgaaa ttcttaccat gcccatttta cagatggaga 51937714

aactggatac ctatgcgggg tgtgtcattc taaattgtga ctgaaagaaa 51937664

aggtccttga aggggtctgg tccaagtata catcccgtga ctattactga 51937614

tggcatatgg cttgggcttt agaattgaag aaaagagtct tgaggaaagg 51937564

agctgaggaa agctgaagag aagttaggga agaagtggcc tccatatttg 51937514

actattgagt caaacattta ttgatcactg tctctgcact aagacggagg 51937464

taaacaatta aatgaaaaga gtcaaactct gtaaaatact tgaagagatt 51937414

aattctgagc caaatttcag tgaccatggc ctggggcaca gtcttaagag 51937364

gtcgtaagta catgtgccca agatggtcag gctacagctt ggttttatat 51937314

gttttaggga gaggtaagac atcaatcaat acatataaga tgtacattgg 51937264

tttggtctgg aaaggttaga caagtaggag tgggggcttc caggtcatag 51937214

atggattcaa agattttctg actggcaatt ggttgaaaga gttaacttat 51937164

taacttatct aaagacctgg aatcaacaga agggagtgtc tgggttaaga 51937114

taagtggttg tggagtccaa ggttcttatt atgcagatga agcctccagg 51937064

tagcaggctt cagagagaat agactgtaaa tgtttcttag cagatctaaa 51937014

aaggttccag actcttagtt agcactctcc tagctcaggg taaagatcca 51936964

gaaaaggaag ggaattttct acagaatgta gattttcccc acaagagaca 51936914

gctttgcagg gccgtttaat atattttggg gtaaaatact tcagtttctt 51936864

tcagggccgg ctatctgtca tgtggtgctg tactagagtc aggttggaat 51936814

ttggtgtctt attgctacag agtctatttt gtcagtctta atgtctctgt 51936764

tttaatgtta atgctggtta cttatttctg aattccaaag ggaggagggt 51936714

ataatgaggc atctctgaca ctccccgtca tggcctgaac tagttttaca 51936664

gtttaacttt gtaacgccct tgcctaagag gaggggtcaa ttcagttggt 51936614

ttgggggact taaaatttta tttttggttt acatgataat gactaaagtc 51936564

atttttgcct ttttcctctc tccctctcat ttctccagtg catgtttaac 51936514

tacttccagc tgtgatttct ggaaagcaac aaaaactcaa ctcaataact 51936464

tggcactctg gatttatgac tacattagca gatgaagagt ctttgccctc 51936414

cactacatct caccaagact cttcttatta tagtagaatc tgccttttga 51936364

ggcatttctg atactttgct atctctatat cctttgcccc cctttgctca 51936314

ttgagacact atgtaggctt ataaattaag tgtaagaaca acatcctttc 51936264

tgagaaaatg ggagagtgtg tgtgtgtttg tatataagga aatagaggca 51936214

cttaaatcag aatctccaaa aagatatgtc cattcattca ttcactcaac 51936164

cattaattgt gtgttgagtg ccaactacct accagccact tttctagaca 51936114

ccaataattt agaagtgaac aaaacagata attcccctca ggaagcatgt 51936064

attctggtgg ggagagggca gaaaataaac ctgtaaatat ataatatgcc 51936014

tgatatcaag tattacaaag aaaaaggcat ttaggcaagg ggctagggtg 51935964

tgctatttta tatagactgg agagggaagg ccttggtgag aagttaacat 51935914

ttgaatagta acaagggaga gtgagccatg ggaatatcag aacattccga 51935864

taattccaat aacattttag atatttccga tatttttgat aattcttatt 51935814

catgatattc acgggaatat caaaagaacc ttccagaggg aagagcttat 51935764

gccctgaggc ctgtttgaga actaacaggc aggccaatat gtttgtagca 51935714

tatgtgtgaa caggtgagct ttagaaaatg atattagaga ggtattggag 51935664

gttgggtagc aaatcatgag ggaccttttg tagcccaatg taaggacttt 51935614

gacttctatt ctgagtgaga tgggaaacta ttgttggatt tagaaaagag 51935564

gacctctggt gtgtctgata taaagataca attctgacta ctttgttaca 51935514

ggatggaagg gtctagtctg gtatttttgt aaaccacttg caggagaaag 51935464

atggactaaa tagcttattg aagttaaagt gtttattcat atgggatgct 51935414

ttaattattt tgacattatt gagaaaattc tacgtaaaat ataaacattc 51935364

taaagccttt taaagaaaga tattataaaa atgaaaatat ctttttaatt 51935314

tttaaattat ttaatctcac aatgcaaaat aattctatta taaacgaata 51935264

ttcttgtgtt actgaaaatt tggacatcag agcaaaatgg tatatgtatc 51935214

agttaaggtt atctggttgc caataagaga acccaacttt tcttttaaaa 51935164

atggaatgta ttgggaaggt attgggtaac ctactaatca gtggaaagca 51935114

gtctgaaaaa tcagggacag aaatacgtag gaatcaaagc atttgatgca 51935064

agtggcgggt ggtggggcag gcagggagat gggcaggtgg gcatctcaga 51935014

agcaggtgtt cttcccaggc tccttagaat gccaccactg gaactgagat 51934964

ctaaatattt cctacctctt ttcccttttg ctccatattt ctcttaaagc 51934914

ccgagtatgt gactctggcc atggtaggat aagatgtctt gcttgacagt 51934864

tccactcagc tctagtcaat ggggcagagc aatacctcaa ggaaattagg 51934814

gtctgttaac aaaagaaagt ataatggatg ctggtcagct aaaatgctac 51934764

aaatgccaca gtgttagccc tagttacatt tccttttact ataattctta 51934714

caattttggc acatcttctt ctagccctat ttcttgtata tgtcccagtt 51934664

tttttttttc ttaattttat ctattgttaa atggtaaagt tagtggtctt 51934614

ctcatacatt atttaaccat tcctaaattg ctggacattt agattattgt 51934564

catgaaaatg taataaagca gcagagaata gtaatagcta acctaaactg 51934514

gctaaataat agtgcttcca ctcctgaatg tctggtctac cctactgtgc 51934464

ttctacaaga gagagcatga taaaataagt ctacattcca gcagaagtat 51934414

ttaaatgaag gggatttcat caggcattga aactgacaaa acggtaagcc 51934364

ttatcctccc agggactgac aattttccct ttgtccatta gGGGGCAAGC 51934314

TGATTTTCAT GGCCCCAGGA CCCATCGAGC TCAGGGCACA CGCCATCCTT 51934264

GTTTCTGATG GTGGAGAGCT CCGGATTGGA TCCGAAGACA AGCCCTTCCA 51934214

AGGCAGAGCT CAGATCACAC TCTACGGGAG TTCCTACTCA ACTCCCTTCT 51934164

TTCCCTATGG AGTCAAGTTC CTGGCTGTGA GGAATGGAAC TCTTTCTCTG 51934114

CACGgtgagt gaggcaattg atcagaggaa atgaagtaga gctgtgtcta 51934064

gcagtggaaa ctgataaaac tgtttaaaag tccttgacta tagttgctga 51934014

gccaaccagg tcagttagag catggcacta tttccttaaa taacaagtaa 51933964

aactgttacg attcatgtgg cagagtacac taccgttccc aattgtttgc 51933914

tcctctttct gtaagaggat tgtgtatact tccacccact gttaggtgac 51933864

tttcagtgcc tccttgtggg tggaccatac ttcccggccc ctttgcaaga 51933814

gcagacttag ccttatactc gctttggtca gtggaatgtg agcagaactg 51933764

ggggactgca tggccaagtg aaggttttaa gacctgttac gatgctttag 51933714

ccatttcgtt ttcttcctgc cacttgagaa tagcctgtcc cagatagagg 51933664

cagttccttc tgcttagaac ctgaacgaag acgacatggg gcagtgctgc 51933614

agctgaccta ctgctctcat gtatgtgagt gagaaataag cctttgtcat 51933564

aagccactga aatttgcatt tgtaattgca gcatagccta gtgaaaactg 51933514

actgatacaa ttacttagca tgtactgatg tctctcaaca tgcagtagcc 51933464

tggtatccca aatcaaatac agacaacctc atttagttgt tgaacctctt 51933414

cctgtctccc caaaccctct accccatgag cagggtttaa ttacagttct 51933364

acttagaatc ctcttacaga taggtggggt gtttaaggat tcccaggaga 51933314

aaatagatta ggctacagtg tgttctactc caactttatt tgctttctga 51933264

tcatctaatt ccactttgca aaatggacat tttttttccc tcttgagagt 51933214

caggaaatta ccaggtgtgc caggataatc cttagtatca actgtaaaat 51933164

atcagtataa aataatgagt aagcatattt cagtgggtgt ttatatgctt 51933114

ttggttgcat agcatgagcc aaaggcagat aaaaaatgtg ggctccagat 51933064

agtgactcaa tctccagaaa tcataatgtc agttacacaa tgatatttct 51933014

atattggcat cacaaaataa tccacttgtc ataggataat tgctctagat 51932964

gagggcatgg agctgtgctg aggaatctgc catttttctt tatccagact 51932914

ctgtctcata ccgaccacag gccccaatca ttgtctatca aaaaacatgc 51932864

ttgtgtctct tttggcttac tatgaaagga agcaagatct tttcctcaag 51932814

catttaagtg ttgactgtgg gctacccagt gtgctagaca ctggggatca 51932764

aattttgtga ggttaaaaat accccataac tcactggata gaaattcaaa 51932714

atgcttgcta tgttgattct atgatcaact tccaagggga cctttttacc 51932664

tcctatcttc atcagcaagc aactacattg attttgtagc ccaggatcta 51932614

ttcccacgtc agccatggtt ttcaaatgtt tgctctagct caatggcctc 51932564

ttaagccact aacccaatat gttgcttttt accagtaaaa aagtgcatct 51932514

ggggaataag ttggtgtata tttgtggttc agccagccca tagatcgtcc 51932464

agaggacccc aggcttagga ggaatcctca gatttgagag ccactgtcct 51932414

gtatgatgca gatagcacag ctcttcctga aaataggaat tcaaatgagg 51932364

aaaaatgaaa actctcctaa ttattttctt ctgcctcttt cattccaagc 51932314

tcatctaatt atcatgctct attgtgaaga atcaaagaaa gaactcataa 51932264

atataccttt tgtgcctgta ttttaaatgt acgttgtgca tgtaagcctt 51932214

tgtggttaag caaatgtcaa gaaaatccct agtcccattg cttacagtca 51932164

atatggggca attcaagcaa agtatatgcc tctaatatgg tttgaaaatt 51932114

ctgaaagttc agaaaaaatg ttgctacttc agccatctga tgttactgga 51932064

tattgagaat gagacctcct ctccctctgc tttcctcatt tccatctcct 51932014

ccttcctctt tctcctctct ccctctcctt tattctcctt ctccctcctc 51931964

tctctccatg cttcctccct tcctcttctc cctctttctt ctttattctc 51931914

cttctccctc ctctctctct ctcccctttt tcctcccttc ctctcctccc 51931864

tccctctcct ttattctcct tctccctcct ctctctctct cccccttttc 51931814

ctatattccc agattaggcc attttcaaaa ctggttaaac attccccaaa 51931764

gcatttagga cagagaattg actaggatct cacctgaatc acagagcttg 51931714

cccattgaac acaggcaaag atcaagccat ttcctctctg atgtgatgct 51931664

gcagcatctc atgcatttga aacaaatatt atgtagaaaa gagctcagcc 51931614

atttgggtga cagggattcc tttcctgatg tatctgtcag agaatcgcag 51931564

ccccacgtgc agctcatcaa ttctctcctg tcacttctcc ctcaccacct 51931514

gaggtctcag acagatttcc cctccagcgt ggtggtatat catggctaaa 51931464

gtcatttcat aatttcactg gccttttgcc ggggccagag gtgggtctgg 51931414

tgacactggg gctttaggaa aaagctaatt ttctttcacc atcaagtatg 51931364

caaaatagtg agcaacttga ttcactgttt tgcacccagg aagtccctaa 51931314

tgacccagca ttcactcagt ttcccaggat aacataatga ggagattcac 51931264

caactttggc gcacagaaga gccttttggg agaggttttt gtaaatctag 51931214

atttctgggc ctggaaatgt acatgtgatg tgactcaggt ggcctattga 51931164

ctatactcag agaaacactg gttcaagtgg ttaatcaaat tggaatcaga 51931114

aatgggccca gttctgccac agatcagcta tgaccttcaa cagatctcta 51931064

aaaaatcaga aaaacacagt tcccacttca taaacttatt gctcatgaag 51931014

tgttccagag tgttgggcac acaaaacaca tattaatttt cttgtctatc 51930964

tcttttcatc agagtaacag aagggtttta accttggaga tcatgtggta 51930914

acaacattcc caggcatctt ctcttctctt cccaccaccc agtcaacacc 51930864

tttagatttt aatctctctt ggtgcagctg cttcccagct gtggataacc 51930814

accattcctg ggcgtggtta caaaaggctt cttagaaact atttgcatgg 51930764

gtcccagtat agtctgaagc agggcactgc ccagcgaatg aggcccttgg 51930714

cagacatttg gttcctaata ttcagcagca atgctgaatg gattctaatt 51930664

taactccagc tcaggtcatg tagaatcaca caaatggtct gcatgtcagt 51930614

ccgatcactt tcccaccttc tccttccatc tcattcttta ttattgctct 51930564

ttgaaaccct tctgctccag ctgattttta ccttggatta aaatcgctaa 51930514

gcaaacaggc tttggtgttc agctgtcaca aggcaagatg gagttgaaag 51930464

cacgttacat gtatttcttt gaatgtagga aaagtcccac acccttatac 51930414

actcacatat acacacagct gcacatatac acccacacac agcaccatct 51930364

tttctgtttc tgtttgagag tagatgagga caggttctga gttgctggtg 51930314

gagttcagat tgtttagtaa cttctgtcag ctgctcactt tgatgcgtta 51930264

atatgactaa agggtctcag gattcctcct gagtggcagt ctggggtttg 51930214

ggtagctgta gtcaataagg aaatttcact cttgcctttt gctttcatca 51930164

ctctgtctgc caatccaggt tcaccactcc aaactgagtg ccaatcactt 51930114

gtcacttttc aagtgggttg ctgtcagcct gggcaactta aatttttgac 51930064

aacgtaatta cggctcttgc ttccacagtg ggaatctgag caggatggtg 51930014

gagcttttat tgattgttca gcagggaaat ttatcaatgt ctctcacttc 51929964

atttccagtt tctccctgag aaatttggct gacagtttct taggagaaaa 51929914

acagtctcat ggccttggct ggacttctgt ctttgtcctt ttcaagaaat 51929864

tacaagatat aggcattaaa tatacatgga aattcctgag aaaaagcagt 51929814

atgtggggca tgattgaaga aagcacgagt gcaattgcaa ggaacataag 51929764

aatttggtag gaataaataa aagcagtggt ctaaataagc aagcttagat 51929714

atggtttgtt ttccttctga aaatgccaag tgtctgcatg taaattccat 51929664

ggttgctatg agtactgtgt aatatgcact attttcatag ttgctagagt 51929614

atcaggctgt ctttaagcat ggtataaagt gtgtggaaca ggcacatgtg 51929564

tgggagtgtg tttccggtca gtggttttca cattgtgctc cacaaaatcc 51929514

aaatgtttcc tggaggggat ttaggggttc cctaaacaat gaatattgga 51929464

ggtcaagtaa taaaggttta aattgctcaa gtaattgatt tattgctttt 51929414

atctgttata tatttgtgtt caaagtaaca gtttgttaga agaaagagtt 51929364

ccactgttaa aactgtgatt aaaaaactct actaggtcat tcttttagct 51929314

gtggtgtatg gatccttttg aggtgtccag ggcctctctg catgattcct 51929264

gtttccccaa gactgattta gctctgggac attttctata aagtctgttc 51929214

tttgatgtag ggtgaaactt tctagagccc attttcatgt cataacagtt 51929164

cctcttatcc aacaatatat ttttaaatct ccactctctc gtcacctgat 51929114

taatagtctc caatgctgtc tcctcttgcc cctttcctta cctatttctt 51929064

ctagaccaag actcctccct tttcttctgt ctctcgttcc cttgagctag 51929014

atacaaacca gagctatgac atggcatttt tatatgtagc tttattactc 51928964

tgaaattgtt tggttttagg ggacagaagc ccactggaaa caaacttaga 51928914

accaaggatt tatgaattct tgtaatcaaa acgcaggatg gagagaaaga 51928864

caatggcctt agacgtgact gtcttcaagg gtccgaatgt ccacaggact 51928814

cacccctcag tcccttaccc tggctgtctc tgcatgtatt gacttcactc 51928764

tctcctactc cttattgctg ccttctctat ggttattggg acttcctgat 51928714

ttcatgtgga ctttgatttt ctactaccaa agaaaggaac actgtattct 51928664

tttcaaaaaa taaccagggg aggcctccca aagtccgcta gagttactta 51928614

gcagactaag gactatacat ggtgcccagg gggaaagtgc actctgactg 51928564

tccaagctca agccacattt tcacttctgc tttccccttg catttatcac 51928514

cacaaaatat tacctgtgat ttcatgggaa acttgagctg atgtggtgtg 51928464

taaatttgcc acaggcctga gcaaatgcaa ccgacacaat tttagggatg 51928414

tttggtagat gcaaaccttt cagacagaag tctgactcag aatagatttt 51928364

atttttcttt agtcactacc ttcgtctgta ttctgatgga tcctttttct 51928314

tgtcctttaa aaacaccttg gttaccaata gctttccagt tgatttcaga 51928264

tattgaaaat gccagtcctg attaatctag tttaaaaact cagtctccta 51928214

ttcatttaat gttaccttcc tcacccacaa agcttcaact tgaggcactt 51928164

gggatggtag ggtctgctcc ctcactcttc ctctaatcct tcttatttca 51928114

tattgtcagt atggggcagg tggaagaggt aaggtgagag gtttaacaag 51928064

cttaatactt aacggtgcac ctatatcctc tgttgggtgt tgctctctct 51928014

ctgaataata attgctgact attgagtctc cctcctaaga tgcctgcatg 51927964

aaatcactgg agtcttgtag gaggcttttc cactgcacag tttctcaatg 51927914

tggaagcccc acttgggttt tcaatccgtt agcatccacc ttgggggttg 51927864

gtcttggtgg agtactagaa agttggttca agccaagcta tcttccctac 51927814

aattcagcta tccagaggaa acttacaaat ccacatgaaa gatgtttcac 51927764

ttatcacccc tttctctgct ctgctctttc tctaattgtt tcccctgctt 51927714

agataagcat gagcagctga gcaaataggc tgcatatgca gacattccac 51927664

ctgggaaaag aagccagtct ccccttctta caggtcactc tgtgattgat 51927614

acttatgcag ccctctttct ttgcttaata agagagaagt agtttcacac 51927564

ctcgctctat aggaagggga ggaaaggcca gggttagctc acccaggctg 51927514

atggctcatc cccatctctc aggatttctt tgaatctcct tgtttttggt 51927464

cattcataaa tgatggagtg gactctgctc cagggatggc aaaagtggca 51927414

gagttagatt agctttcttt aataagcccc aaggagatgt tttctccctg 51927364

tctgtggctt ccctataatg tggggtgctt atcatctcct gatcctatgc 51927314

atgtgtcctc ctggtaggtt ctagaggagc agaagtccca cccaacaacc 51927264

tgctatgtat gtaaaaaggg tgccctagag ggatgtgggg ttgaagggga 51927214

gagccactgt cattttgcgg ttgttatttg gctttgtttt gttggttttt 51927164

atttaggact gggaaggaag gaggattaaa tagaggggaa gaatggagaa 51927114

aggaggatga ggaaaattaa aaaagtattt attccttttt ctactcttaa 51927064

atttaaatga gctttaattc agtgttgggg ttctggtcag ctggcatgtt 51927014

gtggcagatc gtaattacac agttgagtta acatcagcaa gcatggtcct 51926964

ggcatacttg gaaccctagc gtggtaggac agccagtgac tgatgagtgt 51926914

ttctctcttt tgagcagatg gagactgacc cttggctcta tgtcctctaa 51926864

aatataacca acaccaccaa caaaaaataa ggtttttttt ctgttctgtc 51926814

taacaatact tcaaaaaagt ctaaacactg tataaccatt ctatttacag 51926764

tggcagatat gtgtctgcta aaatctcatt gatctggaca agagtaacct 51926714

tggaacaatc tttaagaaag ggttccttaa attaatagta taaaccacac 51926664

tttaggggac ttgtttaaac acatttaagt gaacatgctg tttttaaggt 51926614

cttttaattt caggtgtttg catgtaaatg tatactgcta attagaaatg 51926564

agttctagct attcaataat ccaagtacag caggaacccc acttagaaac 51926514

acattgtaag gtacttcaag tttctatata tacttgaaag tgtcggcatt 51926464

agtcaggtct ttttttggtt tcaagtgaca gaaaacccaa ttcgaacaaa 51926414

aaataagagc acttattgcc tcatataact gaaaataaaa aacttgaggc 51926364

gaaaagaaaa aacttgaggc acagctgagt ccaggtgctc caatgaagtc 51926314

attaagattt tgtttctctg cgactcttgg ttctgctttc ccctcagctg 51926264

gcttcatttt cagtcaaact ctgccctcat ggaggcagaa atggcagtcc 51926214

tgtgactcca gatgaaaggg aatgcctctt tcccaatggc tgtttaactt 51926164

ctgagcaaat ttcaacattt ccccatcacc gtttgacatt gctccttcgg 51926114

ttttcttctc cttagctttc aacattattt aatgtattat gtaaggttta 51926064

cttttcacat ttttttgtat ttattttatt acctctccca gaagaatata 51926014

tacatcatga gggcaagcac tttacttttt tttttttttt aatctgcatt 51925964

gcctagaaca gtgcctggac tcataatatg ctttaaaaaa tatttgcttg 51925914

aataagtgaa tgaaaaactt gagcaaaagc ctcaggatta actttcgccc 51925864

catttgagtc ataagccatt tgagagagag agagagataa aaagagagag 51925814

agagataaaa agagagagag gaagggagag agaaggaggg agagaaaaag 51925764

agaagcagat agagagtcca agtccaaagg cgtaagaacc aggaagacca 51925714

atggtgtaag ttccagtcag aaggccagca agctggatat ccaagaagaa 51925664

cctatgcttc agtctaagtt tgaagaccag ataagaccaa tgtctcagtt 51925614

caagttactt catactcagc ctttttgttc tattcaggcc ttcagctgat 51925564

tggataaggc tcatctacat taaggaaggc aatcttcttt acttagtcta 51925514

ctgattcaga tgttaattac gttagaaata cctacacaca cacacacaca 51925464

cacacacata cacacacaca cacacgaaga acaatttaca tttagctaaa 51925414

gttgtgggta ccccatagcc cagtcaagtt gatgcgcaaa attaaccatc 51925364

acagtcacca aagcaaacct cataactgac tctgtatcgt attttagaca 51925314

cacgaggatt tcaagcctct catcttgaca caaagcttct caaaggaaag 51925264

taactagctc caaggttcat ctcttccttt caaactttct gtagtttcca 51925214

ttttcctgct aggttgtgag gatctttgct ggcgttctgc atcttctcta 51925164

gatgagcttg actttgctcc gtcatagagt actcactcac tcatcttcct 51925114

ctgagtaagt atgaggagcc tgggctcttg aagtggactg cgtggtccaa 51925064

atcccatctc taccgtgaac tagctagtgg accttaaaaa actccccagt 51925014

gtttcagttc ccacatctat aaaacggaca ttattttaag acatttctca 51924964

tgatatttgt tatgtggttt aaatgaaaca aaacatgtaa tgtacttacc 51924914

acaatggcag atgttgagca agtactcaat aaatgtcagt tattatcatt 51924864

gttattattt gtttacactt ttgatttggt gaagttgtcc cattattagt 51924814

ctaaagatgg gatggtgttt accgttttcc aataatctct cagctagaaa 51924764

cctggttgtc attcttgata cctcctttat cattcctctt atcatgtcca 51924714

tcactaagtc ttgttgattt taattcttag ataacttgtg agcccatatc 51924664

cttctctcta tctccattac tgtcacctta gtttatggta ccttcaactt 51924614

atgcctggat tattgtgtaa gcttttaaac ttactttcta gttgccactt 51924564

ctgttctttc caattcattc tttgccctgg agccaagttg atcttttaaa 51924514

aacacaaatc tgtttatatt gtgctgctgc tcaaaactct tcagtggctt 51924464

tccgttgttt ctaaggtaaa gtccgaaatt tatagcatgg ctattaggtg 51924414

ctatttagct tcctgctaac accttctgtc ctgtttttca actctccccc 51924364

ttggccaccc tcatgcttca gtagtagtct tcttttaggt tactaaatgg 51924314

ttaatgtggt gtagattttc attttttaca tttttgagta ccacaagaaa 51924264

ctcaactttg ttaagtaaat ggaaagctac ataggcagaa gcttgtgatt 51924214

tttccttcaa agagaattct tccatatgca tcatcaaagc aatactatta 51924164

atagtattgc tttcagcctg gtcatggaaa aagagtatca ttgaattggg 51924114

tattatattt ggtatttgtc aaaattggat tttacctaga tcctggcact 51924064

ttataatttt caaagctgct tcccattctt tactctcatt taactctcac 51924014

aaccaccctg tgaagcctga aagactggga tcgttacttt cattttagag 51923964

atgatgaaac tggggcctgc aaggggatgt aactaaaact cattccattt 51923914

tcttcattgg acttaagaca cacatggcct cgcttctatt ttgtgtacac 51923864

atagctggta tttacttgtg gcagaaaggc agaatatact tctttctgaa 51923814

acagtctcct caattttaac tttttcagct tattttgaga tcccaattgg 51923764

ggctttctgg cttatagctc tctttgtaaa attcttgata gaggtacaaa 51923714

gaaccggttt ctttcacacg ttatttatct tttagtactt ctatggagtt 51923664

ttccaatctt tgtgatggca aatctacaaa tattttctct tatggtttct 51923614

gcctttgatt ttatgtttat caactctttt ctgtacaaag actatataaa 51923564

aatttaccta cttgtttttt ggtactttta ttgttttttt tttttctttt 51923514

ttttcacatt tgtgtctgtc tttaactagg gtcagcaaac tatgagccat 51923464

ggaccaaatc tggtccattc cttgctttta tacacaaaat tttattgagg 51923414

cacagccaca cccatttgtg taggtattat ctatggctgc tttgcactat 51923364

aagggcaaag ttcagtcatt atgacagaga ccacgtggtc tgcaaacccc 51923314

aaactcttta ttatctccct gttcttttta cagaaaaagt taccaggccc 51923264

ttattttaat cagtctagaa ttgattctga tatagtttgt cagttatcta 51923214

ttttttttca aatgaatagc caattttcac agcactattt attcaaccat 51923164

aggctaaaaa atgacaccca tgtatgtcca tgtcctaatc cttggaaccc 51923114

atgaacgtta ccttaaaaat ttggcaaaac ggggttgggt tccaagatgg 51923064

ctgaatagga acaactccag tctatagctc ccagcatgag caacgcagaa 51923014

gatgggtgat ttctgcattt ccaactgagg tactgggttc atctcaatgg 51922964

gacttgttgg acagtggatg cagcccatgg agtgtgagcc gaagcagggt 51922914

ggggcattgc ctcaccaggg aagtgcaggg ggttgtggaa ttccctttcc 51922864

tagccaaggg aagccatgac agatggtacc tggaaaatcg ggacactccc 51922814

accctagtgc tgcacttttc caatggtctt agaaaatggc acaccaggag 51922764

attatatccc gtgcctggct cggagggtcc catgcccatg gatccttgct 51922714

cactgctagc acagctgtct gagatcaaac gcaaggaggc agcgaggctt 51922664

ggggaggggc atccgccatt gctgaggctt gagtaggtaa acaaagtggc 51922614

caggaaactc gaactgagtg gagcccaccg cagctcagct aggcctgcct 51922564

gcctctgtag actctacctc tcggggcagg gcatagctga acaaaaggca 51922514

gcagaaactt ctgcagactt aaatgtccct gtctgacagc tttgaagaga 51922464

gtagtggttc tcccagcaca gagtttgaaa tctgagaatg gacagactca 51922414

agtgggtccc tgaccctgag tagcctaaat gggagacacc tcccagtagg 51922364

ggctggctga cacctcatac agctgggtgc ccctctgaga tgaagcttcc 51922314

agaagaagga tcaggcagca acatttgctg ttctgcaata tttgctgttc 51922264

ttcagcctct gctggtgata cccaggcaaa cagggtctgg agtggacctc 51922214

cagcaaactc caatagacct gcagctgagg gtcctgactg atagaaggaa 51922164

aactaacaga aaggaacagc atcaacatca acaaaaaaga catccacacc 51922114

aaaaccccat ctgttggtca ccatcatcaa agaccaaagg tagataaaac 51922064

cacaaagatg gggagaaacc agagcagaaa agctgaaaat tctaaaaatc 51922014

agagtgcctc ttctcctcca aaagatcgca gctccttgcc agcaatagaa 51921964

caaagctgga tggagaatga ctttgatgag ttgacagaag taggcttcag 51921914

aagatcggta ataacaaacc tctccaagct aaaggaggat gttcgaatcc 51921864

ctcacaaaga agctacaaac cttgaaaaaa gattagatga atggctaact 51921814

agaataaaca gcatagagaa gaccttagat gacctgatgg agctgaaaac 51921764

catggcatga gaactatgtg atgcatgcac aagcttcagt agccgattta 51921714

atcaagtgga agaaagggta tcagtgattg aagatgaaac gaatgatatg 51921664

aagtgagaag agaagtttag agaaaaaaga gttaaaagaa atgaacaaag 51921614

cctccaagaa atatgggact atgtgaaaag accaaatcta cgtctgattg 51921564

gtgtacctga aagtgacggg gagaagggaa ccaagttgga aaacactctt 51921514

caggatatta tccaggagaa tttccccaac ctagcaaggc aggccaacat 51921464

tcaaattcag gaaatacaga gaatgccaca aagatactcc ttgagaagag 51921414

caaccccaag acacataatt gtcagattca ccaaagttga aatgaaggaa 51921364

aaaatgttaa gggcagccag agagaaaggt ctggttaccc acaaagggaa 51921314

gcccatcaga ctaacaacag atctttatag cactaaatta taatttatcg 51921264

cactaattgc ccacaagaga aagcaggaaa gacctaaaat cgatactcta 51921214

acatcacaat taaaagaact agagaagcaa cagcaaacac attcaaaagc 51921164

tagcagaagg caagaaatca ctaagatcag aggaaaactg aaggagatag 51921114

agacacaaaa aacccttcaa aaaatcaatg aatccaggag ctggtttttt 51921064

gaaaagatta acaaaattga tagaccacta gcaagactaa tagagaagaa 51921014

aagagagaag aatcaaatag acacaataaa aaatgataaa ggggatacca 51920964

ccacctatcc cacagaaata taaacaacca tcagagaata ctataaacac 51920914

ctctacacaa ataaaatgga aaatatagaa gaaatggata aattcctgga 51920864

cacatacacc ctcccaagac taaaccagga agaagttgaa tccctgaata 51920814

gaccaataac aggatctgaa attgaggcaa taattaatag cttaccaacc 51920764

aaaaaaagtc caggaccaga cggattcaca gccgaattct accagaggta 51920714

caaagagcag ctgataccat tccttctgaa actattccaa tcaatagaaa 51920664

aagagggaat cctccctaac tcattttatc cagcatcatt ctgataccaa 51920614

agcctggcag agacacaacc aaaaaagaga attttagacc aatatccctg 51920564

ataaacattg atgcaaaaat cctcaataaa atactggcaa accaaatcca 51920514

gcagcacatc aaaaagctta tccaccaaga tcaagtgggc ttcatacctg 51920464

ggatgcaagg ctggttcaat atacgcaaat caataaatgt aatccagcat 51920414

ataaaccgaa ccaaagacaa aaaccacatg attatctcaa tagatgcaga 51920364

aaaggccttc gacaaaattc aacagccctt catctaaaaa ctctgaataa 51920314

actaggtatt gacgggatgt atgtcaaact cataagagct atctatgaca 51920264

aacccacagc caatatcata ctgaatgggc agaaaccaga agcattccct 51920214

ttgaaaactg gcacaagaca gggatgccct ctctcaccac gcctattcaa 51920164

catagtgttg gaagttctgg cctgggccat caggcaggat aaagaaataa 51920114

agggtattca attaggaaaa gaggaagtca aattgtccct gtttgcaaat 51920064

tacatgattg tatatttaga aaacccaatc ctctcagccc agaatctcct 51920014

taagctgata agcaacttca gcaaaatctc aggatacaaa atcagtgtgc 51919964

aaaatcacaa gcattcttat acaccaataa cagacaaaga accaaatcat 51919914

gagtgaactc ccattcacaa ttgcttcaaa gagaataaaa tacctaggaa 51919864

tccaacttac aagggatgtg aaggacctct tcaaggagaa ctacaaaccc 51919814

cactgctcaa ggaaatcaaa gaggacacaa acaaatggaa gaacattcca 51919764

tgctcatgga taggaagaat caatatcgtg aaaatggcca tactgcccaa 51919714

ggtaagttat agattcaatg ccatccccat caagctacca aggactttct 51919664

tcacagaatt ggaaaaaact tctttaaagt tcacgtggaa ccaaaaaaga 51919614

gcctgcattt ccaagacaat cctaagccaa aagaacaaag ctggaggcat 51919564

catgctacct gacttcaaac gatattacaa ggcaacagta accaaaacag 51919514

catggtactt gtaccaaaac agagatatag accaatggaa cagaacagag 51919464

ccctcagaaa taataccaca catctacaac catctgatct ttgacaaacc 51919414

tgacagaaac aagcaatggg gaaaggattc cctatttaat aaatggtgct 51919364

gggaaaactg gctagccata tgtagaaagc tgaaattgga tcccttcctt 51919314

acaccttata caaaaattaa ttcaagtttg attaaagtct taaatgttag 51919264

acctaaaacc ataaaaaccc tagaaaaaaa cctaggcaat accattcagg 51919214

acgtaggcat gggcaaggac ttcatgacta aaacatcaaa agcaatggca 51919164

acagaagcca aaattgacaa atgggatcta attaaactaa agagcttctg 51919114

tatagcaaaa gaaactatca tgagagtgaa caggcaacct acagaatggg 51919064

agaaaatatt tgcaatctat ccatctgaca aagggctaat ttccagagtc 51919014

tacaaggaac ttagacaaat ttacaagaaa aaacaacccc atcaaaaagt 51918964

gggcgaagga tatgaataga cacttctcaa aggaagatat ttatgcgatc 51918914

aacaaacata tgaataaaag ctcatcatta ctggtcaata taccatctca 51918864

caccagtgag aatggtgatc attaaaaagt caggaaataa cagatgctgg 51918814

agtggatgtg tagaaataga aacactttta cactggaaga tagtgtggtg 51918764

attcctcaag gatcaggaac cagaaatacc atttgaccca gcaatcccat 51918714

tactgggtat atacccaaag gattataaat cattcaacca taaagacaca 51918664

tgcacacgta tgtttattga atcactgttc acaatagcaa agacttggaa 51918614

ccaacccaaa tgcccatcaa tgatagactg gataaagaaa atgcggcaca 51918564

tctatactgt ggaatactat gcagccataa aaaaggatga gttcatgtcc 51918514

tttgcaggga catggatgaa gctggaaacc atcattctca gcaaactaac 51918464

acaagacaga aaatcaaaca catgttctca ctcataagca ggagttgaac 51918414

aatgacaaca catggacaca gggagggcaa catcacacac cagggcctgt 51918364

tagtgggtgg ggggcaaggg gaaagagagc attaggagaa atacctaatg 51918314

tagatgatgg gttgatgggt gcagcaaacc accatggcac gtgtatacct 51918264

atgtaacaaa cctgcacgtt ctgcgcatgt atcccagaac ttaaaaataa 51918214

atatataaaa ataaataatg aatatatata tgtatatatt tgtttttata 51918164

actatttcaa atacaactta aggtctttaa aacaggtcaa caaagtcctg 51918114

cattattttg cccagtcctc ttcatttgct ccaaaggtct gatatctagt 51918064

tcatagagta acacatcagg ctctcagttt ccctactggc tggctcttgt 51918014

ttgtcttagg atttgactca ttttccccaa catacagtaa gtccattttc 51917964

tcactaagga ttttcttctc ttagtttgat atgtgtacta tgggcttaaa 51917914

acagtttcac aacagtatca tttcttagat ttcatcccaa atattcattt 51917864

agtggtttcc aaataatttt taggataaac tctaagtgct atgggagggc 51917814

ctgtgagtca tttttggatg ggtcctgctc acctcttcag aatgaaggga 51917764

cagtcactag gtgcctatac cttctgtata cctgtactct ggccatgcca 51917714

catatgtagc agttattcga atgtccccca ccatcttaca catcattgtc 51917664

gttgcctagg gtacgcttcc cattttgtca tctggcacac tttggtttgt 51917614

ccttcaagac ccagctcagt tatcacctct tctgggaagc attcctggaa 51917564

aggaccactc ccttggtgtg attgcagtgc tccatgtctg tacacccctg 51917514

agtgtcactg caccttgcac agtgcacttc tgatttttgt ctatttcttg 51917464

tactgatcat gggccctgga ggaaagggac tctgttcttt gtgtttgtct 51917414

tcctagtgcg tgacaaatgt tcatccacat acaagacagc atctaatgtt 51917364

ttgctatgga taatggtgat gttgcatcca gaaataaggg ggaaataatt 51917314

tgtatatatt tgaggacaat atttctagtt ttttttgtaa gttcctttat 51917264

tctgatgcaa acattatttt aataaattat ccttttcttt ctcctttctc 51917214

tctctctctc tctctctccc ccccacctct ccctctctcc ctctctccct 51917164

cccccaccct aaatgatttt gaaaggcctt ggcagttatt cttagaataa 51917114

agatttaagt cctacaaagt aagcaaacag aggacaatta gtgattttag 51917064

tgtgttaacc cacaaggatt attttatttt tctccatgcc catttagtaa 51917014

gaatggtgct ctgagactgt gtaattatgg atgaatgaca ttgaaatgct 51916964

tgaacaataa tttgtaggaa atacaattat gagtagaagt cattagtggg 51916914

agtaaatgag tagtttgttg gttaacaggt caacatggaa agcccaaagt 51916864

gattaaacat agtattaaat tacaagttaa aagcatagtc ctttttcatt 51916814

tagcatattc ataaattatt gagcttttta tgcgtagttt tatgtgtttt 51916764

tgatttgtgg tacagaaagg aagggagcta cccaacctgg gtttcaatag 51916714

ttctatgaac agaaatgact cagatgtaaa atgtgtgcaa tgccttcttc 51916664

atcagagaag tcagttggtc caccttgtat gacatttaaa taacatttat 51916614

gaagtaatga gtataatttt ttgaacatca aagctaattg ggtacagtta 51916564

atttacagct atttccagag gctacaaatt ccatttactt gtctagttct 51916514

ctggtcttag attcagaaga actagtttca gaactttgtg ctgatatcta 51916464

ttaccatata atcttgtcct tgaagaatca tagtttccta tctgtacaat 51916414

ctgttaaaat aaataacaaa aataaaaaac caaagatttc ttacttgaca 51916364

atgaaactag tttgcatagg ttggggttat tctaagtttt caataaatgt 51916314

ttgtattttt ttctgctttt tgcatattga atattatata ctcacttggg 51916264

tatatatctg atgggagttt acaagtgatt gcccagaagg caatacttaa 51916214

aataggtcat ttaaaccact atgaattgaa tgttaattat gcgtccagtg 51916164

ctgtgttagg aattgtgcca tatataaagg agacatgagg cagtggcaca 51916114

gcagtcatgg tgccacctgt aaggtggaga gaaaagacac atgcacttta 51916064

gtaatttcag gatgatttag tgctgagata catgggactg actattgttt 51916014

atgtaattga agtctcccca ggcttccctg agcctgctca gcctgtggat 51915964

atttcaatag tgataaaaat tttactgtct gaggccccca actctcacaa 51915914

aaccttctcc cctttttagc agttctgctt gcttgttcta cgtgttctca 51915864

caatgtgttt tctgtgagtt catctgtctg ccttagtcac catgaggcat 51915814

ctttcatgtt cttttcctcc tactttggct tcttggtcat tgttctccat 51915764

ttaggaaggt agtaggggct gcctcatccc tgcatctact gctggtacct 51915714

gccatgagag tactgaacac atgggtttga gggtgtgggc tttcatttaa 51915664

aaccccaaga tgtgggagtg tactgtgtcc catgatgaaa tgtggcaact 51915614

gtctctgcat gccactcaga gtcccatctg atcaactgga caccaagaca 51915564

ttggggtgct tgtttctctg tctcatttgt gattttatgc attcaggatg 51915514

tatttatgga acacttacat gctagacact gtgaaaggca ttgatattgt 51915464

gacggtgaat gaacataggt atggtttttg ctgttatgtt tagtggggga 51915414

gacaaattct aagtacagaa atagaggcca aattgcagtt gtgttaagtg 51915364

tgagaaagga gacagccatg gtgatatgac agattatata cagggtttgc 51915314

ctactcagca agtcttggag ccttctctca ggattaagtt ctaaagaatg 51915264

cagcagagtg agttggtgag agaatctcag gtggagcagc atcaggtgac 51915214

aaagccatct ggagggttcc tccaaattat tccctcaggt tcagtcatag 51915164

gtccttgtgg tcaagagaga gggcctatat ctgagattga ccccatatct 51915114

tctctgtcat cttcttttct ctcatctgtt tctttgtgca aacttcctcc 51915064

cccacacaaa gcagctcaaa taaatggccc acaagctacc cagacatact 51915014

tgggaatgcc taaatcccag atgtacacac agattttgct gaaggaacga 51914964

tgtcactgat cactacaagg tttgtaggag gaagtgaaga tgaagtatgt 51914914

tctgaaattc actgaaaaga ttgggcttga gttgtgcttt aaaaggatag 51914864

atgaagagaa agaagcaagg acatgagcgg aaaggacgaa attgacaaaa 51914814

gattagaggc aggacgatcc ggttaaatga gaagaggtaa agagactggg 51914764

cttcttggaa cagaatttat taagaaatca gagaccataa agtagggtca 51914714

cattatggag agtctttgaa gtcaagcagc aaatttgaga ctttgttact 51914664

gagtattgca ggaaaatact gcaggttaat ggacaaagaa gggatgtaat 51914614

tgaaataact tagcacaaaa tttgtttaaa aaaagaacat aaggaggaat 51914564

acttaaagga ataaaagctg tttgcaagag ggtctagctc agataattat 51914514

tacaataatt tcaagatggt agtagctcat ctaaatgtca atatctacta 51914464

tgtagctaga aatatgaggc caacactcat taaacatcca ggcttgatgt 51914414

tttaaccata cacatagagg tgttattttt gcaatgggag tgcataagtt 51914364

ataagctagt tttactgctt tctagaggct ctgtcaatat ttacaaagat 51914314

gtaacttttt tgttaatagt ttaaaaatgt acttcaaaga ttatctgtga 51914264

attttttcat ccattcagag ttgaccatta tttataggag taactagttg 51914214

agctagacct ttgtggtctt tactcttggt tctgccatgc gtagcttgca 51914164

tgttgatagt cacatagcag gtatttgttg catattaatt gagaattgtg 51914114

aatactgatc acagagtctg acggcatttt gtcttggata aacatttttc 51914064

tgtgcttagt agagattttt ctatgtaggc attcaagaat gggttataaa 51914014

aattcacata tatatgcata tacatataaa taaattttat ttcattttat 51913964

tgtttccaag ggttaagata tacaaacaag aaataaagtt aaaattattt 51913914

tcttttggga tgatttatgt cttaattttc acctgcctta taattagaaa 51913864

ttttgaactc tgtacatttt tttaagacaa aattattgcc caagtaaact 51913814

tcagaaatta caatattaac ccagagacct ttctaaacct agaacattat 51913764

tggtacaagt gcttatgcac agagagacaa ataaataaag aggaaagttt 51913714

aaaataattt gaaaatgatt tattgtcggc cacctctgta gttagagatt 51913664

caagtattat tactttactt tagtacaaca agggaggaca gtaacttgct 51913614

gcgggctaaa ggtaaattat catccattgc aaaagaggaa ggaaatgtac 51913564

tacagaaaga ggaaggagta gggagtaagc catgtgtttt ctgaagtatt 51913514

cagataatgc cttgaaaaaa tctgtgcctt gacccttgct ggaaaagacc 51913464

agaataaact gtgagacaga tgaccttctt gaatctttga taattagaga 51913414

ttagcatgct ggtatgggga tggtcaggcg ggtatgctgg agtgtaatac 51913364

aaacaaagtt tatcttgaac cacaagttcc ccttcttcaa ctgcatttag 51913314

cagtcctatg ttagataggt ctagttttta gagtttgaag ggatcattta 51913264

atacaccaag acttatgaca actctaagag ataatttttg ttttcccctc 51913214

tatttttgtt atttgtgaag tcttcatatt ggaaattagt tatggaggtc 51913164

tacatcagaa agtctaataa ccacttgttt tttcttggaa taaaaaagag 51913114

gtggtaaaat ttcatcctca aacagtgtga cacagaaaag gaagagaaag 51913064

gactaacata cccttagggt ctattatgtg gtaagatcca agctagatgt 51913014

ttcatagata ctatttcatt gaatccttcc aaaaccctat gatggaagac 51912964

cctgctactt ctgtttttaa ctgaggaaac tgaagcccat tcatcaagtt 51912914

tattacccta aagaataggg ttagaatatg aaaagatcgt gattcaaata 51912864

taagtgtaat ctgaccacaa ttcttgtgct ttttacacgt tgctattctc 51912814

tagtctggct tacttttatt gacttctttt tatagataaa aagaaaacca 51912764

aggtcaaaca aaataaaaca aaactaatat aaaaaaatta gtgcttacct 51912714

atcctgaagc ttgcttttcc aggtcttatt ttatgggatt ctttggctaa 51912664

ataacatcac atttattaat gattaaatta atcacgtttt gattaatgat 51912614

taaattatct ggacaacttt tcctcgggct gctttagGTT CACTACCAGA 51912564

AGTAATTGTC ACCTGTCTTA GAGCAACTGC CCATGCCCTA GACACAGTGC 51912514

TGGCTTTAGA AGATGCTGTG GACTGGAACC CTGGGGATGA AGTTGTCATC 51912464

ATCAGTGGAA CAGGTGTTAA AGGTGCCAAA CCGATGGAAG AGATTGTCAC 51912414

TGTGGAAACT GTGCAGGATA CAGACCTCTA TCTTAAGTCA CCTTTGAGgt 51912364

actgagtgtc agcttggcta agttgacatg gaagaagatg agatcttaac 51912314

tgtattgggg tctggacatt tgtattgggg tctttcaatg atatatttct 51912264

tctgcttaaa taatggtaga cattttgaca agaaaattaa aaagcatgaa 51912214

atgttttgaa gatttagact ttgtaagtta gtttgtcttg tctctagaac 51912164

ttctgtctta cacaaatgtt tggggcaatg atcagcatag tttctaattt 51912114

tcatgtactt gtgtctatag ttcactattt ggtattgagt ttctaaagaa 51912064

acatgaatag atccccaaag gaagaattat gttaatctag tggcttatta 51912014

ttcctagtaa gatttggagt gatgtcctca gttctatcat cctctttttt 51911964

tctccagATA TTCTCACAAC TTTACAGAGA ATTGGGTGGC TGGAGAGCAC 51911914

CATATTTTAA AGGCCACTGT GGCTCTGCTC AGCAGGAGTA TTACCATACA 51911864

AGGAAATCTC ACTAATGAGA GGGAGAAGCT GCTTGTTTCA TGCCAGGAGG 51911814

CCAATGCTCC AGAAGgtaga agagtgtttt gttggaaagt ctaatgagca 51911764

aaaaagaata ttcttactgt ctgatgatag atggcattgc tgtggttgac 51911714

ctcttttaaa atagaataag cccttaaact ttggatgccc atacttttct 51911664

gtagttttca gaatgctctt gattgtcatt tcatcctcct ctctgcccca 51911614

ctgcccaaca accttgtgaa aaagataaca aaagacaaaa gaaataaaat 51911564

attatttctc tggggaaaat atttctatta aagaactaaa tctgaagagt 51911514

tgaattacat ttctgggttc aatgttaaaa ttccaggcca cttctaagat 51911464

tctcaggaaa gccatatgcc agagttctgg gctcaggcag cacattctta 51911414

ctgattagac ttgtagggct cccccatccc cattttggga tttgttttct 51911364

gagtgaacta ccacatactt taggtaagtg gtggaaaaat tcaatttatc 51911314

ttctagtaga atagcaggca ctgaatcaca ttgatgtgcc tattaagcat 51911264

ctatttcagg gatggttagt ttagtaggtc atgttttggt ttcccaggct 51911214

gtagattatg aggctttcac atgttgtgaa gacatcattt gtcaactttg 51911164

gtccaggatg gcgtgggtgt caaggatgac ttccaggcat gagctctgga 51911114

tggatgatga ggctatttgc tgggatggga agaggagcag gttttggggt 51911064

gggagagtgg caatcgtgag tttaattttg tatatgtcat aactgagatg 51911014

ccagcaggcc agccaactgt gtagagatgt ctggtaatgt gtggagcctg 51910964

gaagaaaggt caaagggagc tggagttaaa gatttgagtt gtgtctaaat 51910914

ataggtgcat gtgagtaaaa tgttgccatg tggttgggtg tggggagttg 51910864

ttagaagtag agaggcagtt tggcctcacc tccctcccta caaatcatct 51910814

actcacaaat gtgtcattct aaaaagaatg tttggataac agtgggttca 51910764

cttccatcaa ctgcccaact ttatcaattc tgcagaattg ggatctacat 51910714

tctattcaaa cttccttggt attctgagat catattttgc caaatattgc 51910664

atttgatcat gctgccagtg agatcatgct tctaggttta agccattata 51910614

aatctgttag ccccaaatgg aaaacatcct tgattgcatc acaaatcgta 51910564

aatacaacta caatattctc aaaataagtc atttcttttc tgtgtggggc 51910514

tggagtgtgg aacaaggtag ctgaatttaa taacacaagg cctgtccatt 51910464

tgaaaatctt atggatcagt ggcacaaata atcaaattgt gataaggcat 51910414

acaaatataa atatctcttc attcacctct tctctgggta atagcaaatg 51910364

attggattct gaaatttact gtgatatgat acagtgtttt atattattgg 51910314

tgcttctttg gatcattaac atgaaaaatc tttattatcc attggagaga 51910264

tgatttattc tccagattag tttgtaccac caaatgccat gtatcaacag 51910214

aaggtgccct ggatcctgag gtcacaacat tttggtagca atagtagttg 51910164

tgtgtgttag gtccaggtgg tttgctgccc tccctggcat tcatagttgt 51910114

gtgtgttagt tcaggtggtt gctgtcctca ctggcatttg tagttgtgtg 51910064

tgttaggctc aggttgctgc tgtcctcatt agtggcacag ctggggaagt 51910014

aggtgttggt gcaggagctg ctcagttgct tctctggagt cctttgacat 51909964

ttctgtggta gcgttattgc taagtcccca aaccataaaa cagcacagta 51909914

atggggaaac ctcattggac agcttaagat taaaaagtgc tgttattata 51909864

ttcagtgcta acatgtcttt cctacaatta tcaaccacaa gaaggtcatt 51909814

ttattgcaca tttcctccag aggatctttt agattgaaat aagcatctat 51909764

ttaggttggg tttgtgggtt atagtctgac tctttgtgac agtaattaag 51909714

gtgattgatt tgggagtttc ttgaaaaaat agaatgaagg caacatcatg 51909664

tcctgtttat cagatctttt aattaataat atacagagga gaatcaaaga 51909614

aaaggggaaa taagattatt aaatgaaata aacagtaatg gtttttcctc 51909564

ggtgctgaca gtacctttca aactgggaga tttgtctgga agcatgttct 51909514

acatgcttta ggttctctgg actttatttt gcatttcagG TAATCTGCAG 51909464

CACTGTTTGT ATTCCATGAG TGAGAAGATG CTAGGATCCA GGGATATGGG 51909414

AGCCAGAGTG ATCGTTCAGT CCTTCCCAGA AGAGCCCAGC CAGGTCCAGT 51909364

TGAAGGGAGT GCAGTTTCAA GTCTTGGGGC AAGCCTTCCA TAAGCATCTG 51909314

AGCTCACTCA CTCTGGTGGG AGCTATGAGA Ggtaaggggg tccggaccta 51909264

ggactttctc atgtttcttt ctcccatgtt taaggcacta catgcatggt 51909214

ggaatgatag atgatatgtg ggatttgagg gatttagaga tggataattg 51909164

ttatattcta ggtctatggt tcccaaactt cagtatgcct aaacaaatca 51909114

cttgtggagc ttattaaaat tcagagttat agaccttacc ccaacaaatt 51909064

ctggtctaag gtaggcttag gaatgtgtat tttaaataca aaccttttga 51909014

ttctggaaca ggcagtccaa ggagtccagt ttgagaacta tcactataat 51908964

acagcacaca agagtgaacc acacaatcct gtgttttgaa ttctgtctct 51908914

accacttact agctttgtga ctacaggtga attggcatta cattatcaac 51908864

actgtgggag tccaggcact tctatgtaaa gttgtcctaa atcagaggaa 51908814

tcttttgcct ggggaaatga gggggaatgg gctgaaaccc aggtgctttt 51908764

tctggaaatg aggagcagtt acatgtgcag atcttggcca gacatgaaga 51908714

tataagaagg gagcaggaaa catcaaattc aggtgagaac aactaggtga 51908664

aaaacaagat cagaatcaga aaaacagaat atgaccaaat gcactgataa 51908614

aagttctaaa ataaaagttg aatgtaggaa catccagggc aaaaactcat 51908564

taccaaaagc tgacatgcag agaatcacag aatgggggtg cagatgccaa 51908514

gtcaggagga cagcagctcc atttctgagt aatcctcccc attcatcagc 51908464

actttcaaca cccacacatt caagctttgc cttctttaaa gaggctgtgc 51908414

cccaggggtt cagaggttga tgcctgacaa aggacatcag ggcatacttt 51908364

gtggttcagg tggcttttga gagatgctag gattctaaca ggtaattgca 51908314

gagtaatcct tcaggtcatt gagggcagga ttctgaactg ccagaagcaa 51908264

cattttcctt catttcaaat tatctgcatg ctaaggacgt ctatttcttc 51908214

taatttttcc aatcttttta aatttatttg agtcatttca gaggatggct 51908164

ccgcatatgg cctctccgct agtgcttcgg attgattagt atctttattt 51908114

ccttctctct ggttctttgg tcagctgtat atagtactgc agaatatttg 51908064

acatgcggcc aattcagtaa aaaagagggt agctgtcaca aataagttat 51908014

caattgaaca taatcaaagc ccttccttga tcaaatttta cctaacctat 51907964

ctctcccacc tctgtttcaa tcagagtagc tgcacactca tctattttta 51907914

tagatatttt atattttagg ttttatttga aaaagagttc agtgcttaaa 51907864

aaataaaagt ttgaaaatta ctgcattaat acatttatta cctttaaatc 51907814

cctgttaaaa tgcagaggct agaaactttt ggaatgctca ttaaggaatc 51907764

ttttattgtt taacaccctg aagcccctca tgtcctacgc agctaattac 51907714

tcccagctac cagagttaga aagcattggg atatttgaac agtacttttt 51907664

aaaaaattta atttaatttt aagttctagg gtacatgtgc aggatgtgca 51907614

ggtttgttac ataggtaaat gttgcacagt actttttaaa ggttcactaa 51907564

tcccagtatt ccgcccataa gagctacaca aacacataag tacttactgg 51907514

tttttcacat ggtcaggcct atgctgtttg ggtgatatgg tgaagattct 51907464

gtgcactatg ggcagtgttt gctacagaag tagatatgga tgggttaatt 51907414

tattggggtg gatccttgat gagcaatgtg agggcaccta gtagtaggag 51907364

agctgagatt gaggggaatg tggagatcca gtgttgatag tgatgttaaa 51907314

gtttagaatt ttttggatag tcccaactgt aaaagtcaaa ttattctgta 51907264

aactaaagta acttttctaa tatcccagca cttggcatct gtatctttct 51907214

cactacctag taataataca aagctccctt tttaggattt atagtttaat 51907164

tattcaaata atggattttt attattttaa tgtcagtttc ctccatcaga 51907114

atgcaaatac atgaatgcag aggttactta gtttcattca tctttatgtt 51907064

tccagcacaa tgcaatgcac aattcctgaa acatatagtt gatactcagt 51907014

aattgtgtat tcattgactc atctaggcct cgtaaccaga tctggggatc 51906964

atagaatatg cctatggaac cagtgtaatg attttcctaa ttgtcaattt 51906914

tttagcgtag tagaggatag cttcctcttt agttgtataa acctatccag 51906864

ttcaaatgtg agagtcatga tcctcaggcc aacctttgac cttgcttaca 51906814

gttaggaatg agtctctggc tatcttgggc caagaatatt attgcctgat 51906764

aaattataaa tattaattca ctgctccagg tttcaaagat caaggctggc 51906714

ccataagcag tgctcttcac gttatcctta acttctcatc tgctgtatta 51906664

tgatgaaagc tgatactaaa gatgatagcc agttggaaat cttgacagcc 51906614

atgagttctt ttattgttta gacatacttt gtctttctca gattgttttt 51906564

ttttttctaa cacttgattg ttgaatttca ccctttttat tattgaggcc 51906514

cattggtttg agttactcat tctcttgatt cgattgctgc ttctaacttc 51906464

ttatctcctg agtttcatta ttgtgtggga gaatgtcttt agctacagtg 51906414

taggttgctc taaatatggt caacagaatc tcaggagcca tatctaattt 51906364

ttactttact ctttcctatt cagAGTCTTT CATACAGGGC TGCACAGTGA 51906314

GGAACTCCTT CAGTAGAGGC CTCAGCATGT GCGGGACCTT GGGCCTGAAG 51906264

GTGGACAGTA ATGTATTCTA CAATATTTTA GGTCATGCGC TGCTAGTTGg 51906214

taagtaaaac aagcttgttg aatttctgca ttcttgtgta ggacacagtt 51906164

tttcacaatg aattctcccc aaatttctaa ttcctaattt ataaaaatat 51906114

tggctttatg atcactagaa atgggctaca gtaaaacatt ctaaatttaa 51906064

atgtagtcat cactgattgg cttactaaac tttacctata ggatactgat 51906014

cttttaaagg ttagttcagg ttaataagtg tataatggga agttttaaag 51905964

tttactacca gtaattttca caataattct aagtcacatg catatgtctt 51905914

tgtatagtct tacagactgt caaacttgga tgttggccaa ggatttaaaa 51905864

atctggaatt ctcttcttaa tagaattcaa gctcctgtgg cttgctgaag 51905814

aagcccatgt ttcagaatct tcaactgatc aactctatct acttctgttt 51905764

cctaaagttc attccccttg caaaactcag aattatcctt aaaaatctca 51905714

gattgcatca tatcacttct ctcctttgag attcttattg cttttaaaat 51905664

agaatcccaa acttttcacc agacttaaaa gatcccttca gtgattttgt 51905614

ctctgttaac ttctgtaaac ttgtcttgtt ttttttctct ttctccatac 51905564

tctagtgaca ttaaaatatt ttattttagt tccttcaaaa gaccacactt 51905514

tttccttcct cagggtcttt gcacaagctc tctggctctg ttcatgccac 51905464

ttactcttct cttgcaacat tctctctccc agacaagtcc ttctgtttaa 51905414

gctctttaag cgccaatcag tacttcttga tttaaaatta tataccacat 51905364

ttctggtcat ctgattaatg tctttatacc accggatttc ttgaggacat 51905314

tgtctcctga acacttagca tattaactag tgcattgtag atctattagt 51905264

tgaaagaaat gaatgaatta agaaacaaag ggtctccagt tttatcagaa 51905214

taaaaaagca aatcagaggt tttcactgaa agtgagaata taactgtatt 51905164

tgttaaatac cgtttgatat ttaattctat agtatcatca gtgggaaaaa 51905114

tacatgtttc atttaagaac aatctgttga gataaaagct ataaaagttc 51905064

tatcctgaga tggaaactgt ctagtgagaa aatgtgaatc agatacattt 51905014

gctttaaaac atactctagc tctaaaagac aaaaactaag ggtaactgag 51904964

gtgatcaggt gcagaaaaat cttttgatta gaaaaggaca gccacaggga 51904914

agtcaactaa cagatgtagg attgactttg tttgttccta tgtttgtccg 51904864

tgcaagggaa aaggtgaaac atcaaggaga aattgagaaa ggtatcctaa 51904814

cagtattacc ttagcagaaa acaattatgt ggaatagata ttaactatgc 51904764

aaggaagaaa acctgtaggc agaatttagc ctttagtgct tgaatgttgt 51904714

gaattataag attttgacat ctattgtatt acaagtgagg gaattaaaat 51904664

ttttgtttat tgatgtgtgg tgggtaaagc actcaatctc acacataaca 51904614

agtatgcaaa cccagaccca tgaaatggca tgaggaagcc tagatactta 51904564

aagactttgt aatgaagggt tctttggggc agctctttat tgatagccct 51904514

taagtgacta atttctctat tagcatggcc catgcttgct cttctattcc 51904464

aacctcagtg gtttgggtga gaaggtccta gatgttgtcc atcctgttcc 51904414

tacaggacat ttcagatctt ccaagggaag gtgagggcat gcagatagca 51904364

ggtggccagt ttgaacagct aggaatgggg ttggtgttga cacaggatat 51904314

gtggcactta acagtggaga tagtcactta gactcctcct caaaagtaaa 51904264

acagatctat ttttctgttc tttttattta aaatgaactt ctgattcctg 51904214

atactctaga actgaagagt acataagatc tgtatctctt tccctgattt 51904164

acagataaaa acacaaaaac aaaatcaaaa caacccacac ccaaagaagt 51904114

agtgttgcag catctcttgt tttcctaagt gacataaaat atactcaagt 51904064

aatggggtct tttgttctca gGGACATGCA CGGAGATGAG ATATATCTCC 51904014

TGGGAGGCAA TTCATGGAAG GAAAGATGgt aaatatgtaa attgatttta 51903964

aatctattac agtgtattta aaattgtcat atattttata gacaagcctg 51903914

atggcaaaat gttaggtctc ttaagtttat tgtgcatact aaatattttc 51903864

taaatatata tatatatata tatatatata tgaaatgcat tatgtgaact 51903814

ctgatgtgta ttagtagaat caagggtgtt gagttgagta cattttaatt 51903764

atgtttgtgg atcccctgga tttgttgaaa cattagACTG GTCAGGACAT 51903714

GGAAATATAA TAAGAAACAA CGTGATCATC CAGGTTTCTG GTGCCGAGGG 51903664

ACTCTCCAAT CCTGAAATGT TGACACCATC TGGCATCTAT ATCTGCAGTC 51903614

CCACCAATGT TATAGAGgta agatgttcag ctctaccagg aagaccagaa 51903564

ctgagagggc ataaagttct ttctcaatca ggggtgtcca accttttggc 51903514

ttccctgggc cacattggaa gaataattgc cattggaaga attgggtcac 51903464

acataaaatg cactaacgct aatgacagct gatgagctga aaaaaaattg 51903414

taaaacaaat ctcataatgt gttaagaaag ttgatgaatt tgtgtttggc 51903364

cacattcaaa gccatcttgg gctgcatacg acctgtgggc tgccagttgg 51903314

acaagcttgc tccaaaagtt ctttaaggtg gcagcgttag tggtggtgtg 51903264

gtatgaaatg tttacttgct gcatattagt atcaagaaaa taatttataa 51903214

ttttgcatta aacaagtact ttaggataaa tgtaagcatt cctctcagga 51903164

tttctggaaa cacttttttg aagcaatagg taatggagca aaacaaagta 51903114

gatattgatc gtttcctggt catctaggta atgcaaacta aaatatctcc 51903064

ctgaactacc aactctgggt gctgattttt gtctcacttg attccaatac 51903014

caatttcttt ttaaaccttc actatcttac tatgttaatg tggccatatt 51902964

ttgtccttta agagtgttca aaactgagac atgaggtgta taaggtcatg 51902914

tcagattcca ggaggatgaa gtccacttca ataaccttga tttttaaaat 51902864

cccattattt agtacaactt aacattggtt tcccttggca catttctgtt 51902814

taaacattta agaaattaat ttttgagggg acaatgtagc tgtagacctg 51902764

agtgaacaag tgcatcagag tagtggcaag ccatttcatt tccccttttc 51902714

taattatttt atcccatgga tcttctatca aaggagttaa gggcctcact 51902664

gtttcaggaa actcctctca gcatccacta tgtcattatg ctgagtttct 51902614

aaggaactca gaggatgagc ttctttctca ctgatcatct gtttttaatt 51902564

accttcagct gaataaaccc tagtaaaagt agtggttatc tcttcttcct 51902514

tagattctta attatgtttg ttccaagcac agcactcaca caccatttta 51902464

ggtgcctaat gggagtggct aatatgccag taagcaaagg aagcagaact 51902414

acacggactg taggaaccca gatcccagat ccaggacagc tggagctgca 51902364

tttaacttgt tggtcactac aggccaaaaa tcctaatgat aattaggatt 51902314

tttttgttgt tattttaaac ttttaatttt aaaataattt cagacttaca 51902264

agaagctgcg taaataaaag agttcctatg tgccctttct atgtctgtaa 51902214

gcttttgggc ttaagaaacc atgtttttgt gtacttttct gggtagcata 51902164

atgttgacta catcaaatgc ctggaggaaa gtaaaccctc agggttgccc 51902114

agctcaccct gctgtgtgaa gctggaatgt ccttgtctca ctgggtagta 51902064

tgtggtctgc tggacggagt gctggccact ggctgacaag aagaagggtt 51902014

gagctggctg caggtgcaga gaaccagagg gtaatctgaa aagctgtggg 51901964

tggtgtgagc ctttgcaaaa tgacctgtag aataataccc agtcagcaat 51901914

ggaaaaattg agtctgcaac tagctgcttg ctctccctcc aacgctttcc 51901864

atttcccttc atttactttc ttactcttgt atctgcttta caaaattaga 51901814

aaaaaaatac aatgcatatg ttttgagaat ggagttttag gttaaactgg 51901764

taatgtagat tcattaggta tattcctgac atatttatcc ttggtgacct 51901714

taaagttctt tttttttttt tttaagtttt tttttctttt attattatac 51901664

tttaagtttt agggtacatg agcacattgt gcatgttagt tacatatgta 51901614

tacatgtgcc atgctggtgc gctgtaccca ctaacttgtc atctagcact 51901564

aggtatatct cccagtgcta ttcctcccca ctccccccac cccacaacag 51901514

tccccagagt gtgatgttcc ccttcctgtg tccatgtgat ctcattgttc 51901464

aattcccacc tttgagtgag aatatgcggt gtttggtttt ttgttcttgc 51901414

gatagtttac tgagaatgat gatttccaat ttcatccatg tccctacaaa 51901364

ggacatgaac tcatcatttt ttatggctgc atagtattcc acggtatata 51901314

tgtgccacgt tttcttgatg cagtctatca ttgttggaca tttgggttgg 51901264

ttccaagtct ttgctattgt gactaatgcc gcaataaaca tacgtgtgca 51901214

tgtgtcttta tagcagcatg atttatagtc ctttgggttt atatacccag 51901164

taatgggatg gctgggtcaa atggtatttc tagttctaga tccctgagga 51901114

atcaccacac tgatttccac aatggttgaa ctagtttaca gtcccaccaa 51901064

cagtgtaaaa gtgttcctat ttctccacat cctctccagc acctgttgtt 51901014

tcctgacttt ttaatgattg ccattctaac tggtgtgaga tggtatctca 51900964

ttgtggtttt gatttgcatt tctctgatgg ccagtgatga tgagcatttt 51900914

tttatgtgtt ttttggctcc ataaatgtct tcttttgaga agtgtctgtt 51900864

catgtccttc acccactttt tgatggggtt gtttttttct tgtaaatttg 51900814

tttgagttca ttgtagattc tggatattag ccctttgtca gatgagtagg 51900764

ttgtgaaaat tttctcccat tttgtaggtt gcctgttcac tctgatggta 51900714

gtttcttttg ctgtgcagaa gctctttagt ttaattagat cccatttgtc 51900664

aattttggct tttgttgcca ttgcttttga tgttttagac atgaagtcct 51900614

tgcccatgcc tatgtcctga atggtaatgc ctaggttttc ttctagggtt 51900564

tttatggttt taggtctatc atttaagtct ttaatccatc ttgaattgat 51900514

ttttgaataa ggtgtaagga agtgatccag tttcagcttt ctacatatgg 51900464

ctagccaatt ttcccagcac catttattaa atagggaatc ctttccccat 51900414

tgcttgtttt tctcaggttt gtcaaagatc agatagttgt agatatgcag 51900364

cgttatttct gagggctctg ttctgttcca ttgatctaca tctctgtttt 51900314

ggtaccagta ccatgctgtt ttggttactg tagccttgta gtatagtttg 51900264

aagtcaggta gggtgatgcc tccagctttg ttcttttggc ttaggattga 51900214

cttggcgatg cgggctcttt ttttggttcc atatgaactt taaagtagtt 51900164

ttttttccaa ttctgtgaag aaagtccttg gtagcttgat ggggatggca 51900114

ctgaatctgt aaattacctt gggcagtatg gccattttca cgatattgat 51900064

tcttcctacc catgagcatg gaatgttctt ccatttgttt gtatcctctt 51900014

tgatttcctt gagcagtggt ttgtagttct ccttgaagag gtccttcaca 51899964

tcccttgtaa gttggattcc taggtatttt attctctttg aagcaattgt 51899914

gaatgggagt tcactcatga tttggcactc tgtttgtctg ttgttggtgt 51899864

ataagaatgc ttgtgatttt tgtacattga tattgtatcc tgagactttg 51899814

ctgaagttgc ttatcaggtt atggagattt tgggctgaga caatggggct 51899764

ttccagatat acaatcatgt cttctgtaaa cagggacaat ttgacttcgt 51899714

cttttcctaa ttgaataccc tttatttcct tctcctgcct aattgccctg 51899664

gccagaactt ccaacactat gttgaatagg agtggtgaga gagggcatcc 51899614

ctgtcttgtg ccagttttca aagggaatgc ttccagtttt tgcccattca 51899564

gtatgatatt ggctgtgggt ttgtcataga tagctcttat tattttgaaa 51899514

tacatcccat caatacctaa tttattgaga gtttttagca tgaagggttg 51899464

ttgaattttg tcaaaggcct tttctgcatc tattgagata attctgtggt 51899414

ttttgtcttt ggctctgttt atatgctgga ttacatttat tgatttgcgt 51899364

atattgaacc agccttgcat cccagggatg aagcccactt gatcatggtg 51899314

gataagcttt ttgatgtgct gctggattcg ttttgccagt attttattga 51899264

ggatttttgc atcaatgttc atcaaggata ttggtgtaaa gttctctttt 51899214

ttggttgtgt ctctgcccgg cttaggtatc agaatgatgc tggcctcata 51899164

aattgagtta gggaggattc cctctttttc tatggattgg aatagtttca 51899114

gaaggaatgg taccagttcc tccttgtacc tctggtagaa ttcggctgtg 51899064

aatctgcctg gtcctggact ctttttggtt ggtaagctat tgattattgc 51899014

cacaatttca gatcctgtta ttggtctatt cagagattca acttcttcct 51898964

ggtttagtct ctggagagtg tatgtgttca ggaatttatc catttcttct 51898914

aaattttcta gtttatttgc gtagaggtgt ttgtggtatt ctctgatggt 51898864

agtttgtatt tctgtgggat cggtggtgat atccccttta tcatttttta 51898814

ttgcgtctat ttgattcttc tctctttttt ttctttatta gtcttgctag 51898764

cagtctatct attttgttga tcctttcaaa aaaccagctc ctggattcat 51898714

taattttttg aagggttttt tgtgtctcca tttccttcag ttctgctctg 51898664

attttagtta tttcttgcct tctgctagct tttgaatgtg tttgctcttg 51898614

cttttctagt tcttttaatt gtgatgttag ggtgtcaatt ttggatcttt 51898564

cctgctttct cctgtgggca tttagtgcta taaatttccc tctacacact 51898514

gctttgaatg tgtcccagag attctggtat gttgtgtctt tgttctcgtt 51898464

ggtttcaaag aacatcttta tttctgcctt catttcatta tgtacccagt 51898414

agtcattcag gagcaggttg ttcagtttcc atgtagttga gtggttttga 51898364

gtgagattct taatcctgag ttctagtttg attgcactgt ggtctgagag 51898314

atagtttgtt ataatttctg ttcttttaca tttgctgagg agagctttac 51898264

ttccaagtat gtggtcaatt ttggaatagg tgtggtgtgg tgctgaaaaa 51898214

aatgtatatt ctgttgattt gaggtggaga gttctgtaga tgtctattag 51898164

gttcgcttgg tgcagagctg aattcaattc ctgggtatcc ttgttgactt 51898114

tctgtctcgt tgatctgtct aatgttgaca gtggggtgtt aaagtctccc 51898064

attattaatg tgtgggagtc taagtctctt tgtaggtcac tcaggacttg 51898014

ctttatgaat ctgggtgctc ctgtattggg tgcatatata tttaggatag 51897964

ttaactcttc ttgttgaatt gatccgttta ccattatgta atggtcttct 51897914

ttgtctcttt tgatctttgt tggtttaaag tctgttttat cagagactag 51897864

gattgcaacc cctgcctttt tttgttttcc atttgcttgg tagatcttcc 51897814

tccatccttt tattttgagc ctatgtgtgt ctctgcacat gagatgggtt 51897764

tcctgaatac agcacactga tgggtcttga ctctttatcc aatttgccag 51897714

tctgtgtctt ttaattggag catttagtcc atttacattt aaagttaata 51897664

ttgttatgtg tgaatttgat cctgtcatta tgatgttagc tggtgatttt 51897614

gctcgttagt tgatgcagtt tcttcctagt ctcaatggtc tttacatttt 51897564

ggcatgattt tgcagtggct ggtaccggtt gttccattcc atgtttagtg 51897514

cttccttcag gagctctttt agggcaggcc tggtggtgac aaaatctctc 51897464

agcatttgct tgtctgtaaa ggattttatt tctccttcac ttatgaggct 51897414

tcgtttggct ggatatgaaa ttctgggttg aaaattcttt tctttaagaa 51897364

tgttgaatat tggcccccac actcttctgg cttgtagggt ttctgccaag 51897314

agatccgctg ttagtctgat gggcttccct ttgagggtaa cccgaccttt 51897264

ctctctggct gcccttaaca tttttccctt catttcaact ttggtgaatc 51897214

tgacaattat gtgtcttgga gttgctcttc tcgatgaata tctttgtggc 51897164

gttctctcta tttcctgaat ctgaacgttg gcctgccttg ctagattggg 51897114

gaagttctcc tggataatat cctgcagagt gttttccaac ttggttccat 51897064

tctccccatc actttcaggt acaccaatca gacgtagatt tggtcttttc 51897014

acatagtccc atatttcttg gaggctttgc tcatttcttt ttattctttt 51896964

ttctctaaac ttcccttctc gcttcatttc attcacttca tcttccatcg 51896914

ctgataccct ttcttccagt tgatcgcatg gctcctgagg cttctgcatt 51896864

cttcacgtag ttctcgagcc ttggttttca gctccatcag ctcctttaag 51896814

cacttctctg tattggttat tctagttata cattcttcta aatttttttc 51896764

aaagttttca acttctttgc ctttggtttg aatgtcctcc cgtagcttgg 51896714

agtaatttga tcgtctgaag ccttcttctc tcagctcgtc aaagtcattc 51896664

tccgtccagc tttgttccgt tgctggtgag gaactgcgtt cctttggagg 51896614

aggagaggtg ctctgctttt tagagtttcc agtttttctg ttctgttttt 51896564

tccccatctt tgtggtttta tctacttttg gtctttgatg atggtgatgt 51896514

acagatgggt ttttggtgtg gatgtccttt ctgtttgtta gttttccttt 51896464

taacagacag gaccctcagc tgcaggtctg ttggagtacc ctgccgtgtg 51896414

aggtgtcagt gtgcccctgt tggggggtgc ctcccagtta ggctgctcgg 51896364

gggtcagggg tcagggaccc acttgaggag gcagtctgcc cgttctcaga 51896314

tctccagctg cgtgctggga gaaccactgc tctcttcaaa gctgtcagac 51896264

agggacattt aagtctgcag aggttactgt tgtctgtttg tctgtgccct 51896214

gcccccagag gtggagccta cagaggcagg caggcctcct tgagctgtgg 51896164

tgggctccac ccagttcgag cttccgggct gctttgttta cctaagcgag 51896114

cctgggcaat ggtgggcgcc cctcctccag cctggctacc gacttgcagt 51896064

ttgatctcag actgctgtgc tagcaatcag cgagactccg tgggcatagg 51896014

accctccgag ccaggtgcgg gatataatct tgtggtgtgc cgttttttaa 51895964

gcccgtcgga aaagcgcagt attcgggtgg gagtgacccg attttccagg 51895914

tgccgtccat cacccctttg tttgactagg aaagggaact ccctgacccc 51895864

ttgagcttcc cgagtgaggc aatgcctcac cctgcttcgg cttgtgcacg 51895814

gtgggcgcac ccactgacct gcgcccactg tctggcactc cctagtgaga 51895764

tgaacccggt acctcagatg gaaatgcaga aatcgcctgt cttctgtgtc 51895714

gctcacactg ggagctgtag accggagctg ttcctattcg gccatcttgg 51895664

ctcctccggt gaccttaaag ttctaattct attttcatta gcctttagac 51895614

actagcacaa tttctaaaac atggtagttg ctcaaaaaaa aatgtattta 51895564

atataacgaa tgaaggtata aacctataac caaattatgt gggggaagaa 51895514

aaaggaaagt aaagaacaag ttccaaagtt ctaaaatcat tttgatgact 51895464

gaaaaataag tttagtcagt ggaagcattt agattctgtt gggctatcag 51895414

cattaaatct tgcaaagtct agtccagttt ttcagttgtg ccattggctt 51895364

tctgttattc agtctttttt tgcattctat tgtctgtgat gtgccattac 51895314

ttaaagacat aggtggtaac tgggtatacg tgaaaaaaac ctgtgttccc 51895264

taggcgagtc tcaaactctt ggtctcaagt gatctcccca ctttggcttc 51895214

ccaaaggatt ggaattacag gtgtgagcca ccattcttgg ctgagttagt 51895164

gttaattgtg tcctgtatgg atgatataca gagtactttg aagaacatat 51895114

tttagaaata tacctttatt ccaaagggat aataaggagg cttccacaat 51895064

aacaaggtgt gtgtgtatgt atgtgcatgt atttgtgtgt atgtgtataa 51895014

tatgtggaac agaaagagat gtgatagaaa attgtgatta attaggattt 51894964

ttctttgttg ttattttaaa cttttaattt taaaataatt tcagacttac 51894914

gagaagctgc ataaataaga gaattcctat gtgctcttca tctagctccc 51894864

tccaatgata acataacgat aaccatagtc atggagctgt accaaggcca 51894814

ggacattgac attggtatga tagtattaat taaacaaatg tatttattta 51894764

gacttgaaga agatggccta atcttcatgt ttgggcaacc aactctgaaa 51894714

gcctaaactc tctctcctca catacctgag tctgaccttg aaatctctga 51894664

cctggaaggt aggtaggcag gggaaatgat tcttaagtct gtgcaatggt 51894614

ttgtggtttt atattattct caaattgccc tgatgcagag ctgggaccaa 51894564

actctcagcc acaacataag gaattcagct gggcttgcag tcagtcacct 51894514

tgctagttca cttacattca acctggcatg atgcaagtaa atttcaaata 51894464

tgatattctt ttttagtttt gatgttcaca ggtggtctgc ttctctccct 51894414

gcccagcctg cagctgaggt gagtccaggg cagtttcact gagaagcaaa 51894364

acctgagctt tgtaccttct tgccagtgag gacccatggg tgataagtgc 51894314

ttgagtctcc aggggcctgt ggcattccct ggtacatttc ttaaataggc 51894264

gtttgccatg ctttccaaaa gcaagttggt ggtggttctt ttgtgtatca 51894214

cctgtagctt cttagagcgc ttcaccctca ggctgtcttc cctcagcagc 51894164

tccagctccg gagtctagga cttctttgac aggagctcct tgttatctgt 51894114

caagaggctg catctttcca gaagacataa cctgtgtgaa tctgttctca 51894064

ttctctctgg ttgggaagtc tttgctctca aacagcaagg gactgttcac 51894014

ttccagagct cagagtctcc catgtttatg taggtgttgg aaatttccta 51893964

taaccagacc cctgtttagg atagtccgtg gaaaaactct gaagaagagc 51893914

cctttggaga catgcattta atttgaggag aatttgttct ggtttgtgaa 51893864

tcaattttgt aaggaattct gtttaaaggc ccaacctcag ttctcaagct 51893814

ttccccactc aataggtaat gcatatttaa gagctgcctg aagggttaac 51893764

tcactttttt tctagtgact atagatgtac acctcaagga gctggcttac 51893714

ttgggcagtt aatttctctc tggaatttct cttgcttgaa tgtccataat 51893664

acattgactt ccgcaaataa ttgatttcca cacaaaattc cctgcttgcc 51893614

ttaaaccttc cccgcaagct gccagctgcc tgcataaata tgtggttttt 51893564

cctcatgaat catttgtagc atacacaatt ggagttgaga gtaagaaggg 51893514

ccaggaagga atgcgatctg actgttaaag tgcttctttt gtaagaaaag 51893464

tgagtcttat cagctaacag aggaccaaag ttgcagtctc ctgcccacct 51893414

ataaatgcgc ttggaaagtg tttatatgtg atcacccaga tgtgccataa 51893364

atgctaatgg cactagggca gatgattcaa caaacccatt tattcaggga 51893314

aacacgtgct ttctgagcat ctgtgctggc aaaggtgatg aataaggatg 51893264

cagtccttgg aatatatttt ttaaatttaa gaatcttttc tttcctcata 51893214

aaatcttggt aatgaaatag catttccttg gtaatgaaat agagctgtgt 51893164

ggacaagtga gatgatcact tttagcttcc agtccacatt tctcattgta 51893114

tacttgcaga caaggtgggt gtttaagaag cccccttctc tggccctcgg 51893064

ttcttatgta ccgctgacct ttcccaaggc tcgtggatat agagagacac 51893014

acctagagaa ggtggagttt cacttccctg gggaaagttt gtgttgtgta 51892964

atcgtgactg agaacaacag ctgtggtatt tctttgtata tttacaaggg 51892914

ctgaagagat acactgggca cttatatttg ccaactaata gacagtgatt 51892864

cttcttgagg ccaagaagca ggagtgcata ctctgttttc tagcacaaga 51892814

gaaaaattga gatagctgat ttaatgctaa taaatgtttt tttaatggga 51892764

atgcctgatg cctcatctaa tggttttaaa tgatatcaat agtttcctag 51892714

taaagactat taaagcattc ttattgtaat taaccatgtt ttcatattta 51892664

ggcttgtctt tccatcaaaa tttggagatg ggatactgga aaatgagtgt 51892614

gggttatttt gctaatatgt gactctagtg tagactatag accaaggttt 51892564

ctcaactacg tcaatattga cattttgggc tgggtaattc cttgttgtcg 51892514

agcctatcct ctgtataaca gcatccctgg tatctatgca ctgaatacca 51892464

gtagccctct tctctcttct tcatcctcca agttgttaca ataaaaaatg 51892414

tatccagagg ctgttaaatg ttccgtaggg aacaaagtca tccctgattg 51892364

acaaccacca ctctagacta ggccacccta agaccattga agtcttagaa 51892314

atggacctga ttctttgaag tcgtgttggc atctttgata gtgattcatc 51892264

ttaatattca gtgatatcca aaagtcactt ttggtgagca ccctgtggta 51892214

ggtgagacat gtgattagaa ttctaagtgc ttttaggaaa ttggagaatt 51892164

gctcagactc caaaataatg aagtgcagga gtgactcggc caattagtcc 51892114

acaaaggaac aaaacatcct gtaaccgaat gaaaaatgag gaagaaatgg 51892064

ctgtctattt acaaataccc agggtaagaa cctttgggac ccacagtgaa 51892014

ttgaagctaa agctaaataa acagcccggg gcaattgtgt cagtatgtgc 51891964

tggcctccct gaccaggtcc tggctgctgc ctgctggtca ggcttctagt 51891914

ttcaggggga actctggccc tgactcacac ttcccccaaa actgaaggcc 51891864

tccaggggtt gaggcattgg ttctttctgt cacacaaggc agggaattgg 51891814

gcgttattgg gttaagagca atctttttca gttttctccc ccatactgtc 51891764

tttgcttggc tgaatgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg 51891714

ttccttgtgg aacatgtggt acattcagga aggaataggg tctttaagtt 51891664

cttctcctgt tgggggtgcc gctatattat cactgccagt ggatcagcca 51891614

tgttcagaga gttaccctta ataataccta aagttggctg ggcacggtgc 51891564

ctcatgccta taatcccagc actttgggag gccaaggtgg gcggatcacc 51891514

tgaggtcggg agtttgagac cagcttgacc aacatggaga aaccccattt 51891464

ctactaaaaa tacaaaatta gccaggcatg gtggtgcatg cctgtaatcc 51891414

cagctactca ggaggctaag gcaggagaat cgcttgaatc cgggaggtgg 51891364

aggttgcggt gagccgagat cgtgccattg cactccagcc tgggcaacaa 51891314

gagtgaaact ccatctcaaa aaagaaaaca aacaaacaaa caaaaaaaca 51891264

aaaccccaaa acctgaagtt ttcctttcat ttggaaatta aagtcaataa 51891214

aaatattagt ctagaatgac tgaagccata ggatgaaatg agtttactta 51891164

gtctaaggat aaagaaatgg agaatagcta caagtaaaag ggtatggagt 51891114

cctcactctc aatccatcct tactgagaat gtagtaaaac tccctgagct 51891064

gtgtgaaagg ctagtgcaag accctgtcct tggatgggtc agaacttcct 51891014

cattaaattc taacccttgt ctgcattcag tccatagccc tactgtctgc 51890964

actgatagta gatgacaact gcagataatc tcagtctttt catctgtcat 51890914

tgctcaaaat tcctgtgtca gaagccagtc ctcatcaaca tgtctcagcc 51890864

ttaataacac ttgatctcca taatgctgaa attccagaac cctcatcctc 51890814

cttaaatgta ctcttcaaaa tgtcatgtct tcttcctact cttgagaaat 51890764

gtcccacacc cctacccatg tatctctctg tgcacgctaa gctgtgcatg 51890714

cttttttccc catgtggtga gaatgagaag gattttacat tctctggatt 51890664

tggggtgtga aaagagcaac tccttagtta aatctggcct gcaagatgct 51890614

ctccagattt ggagaaatca aacactacct ccggtgcctt aaggattaat 51890564

tcactttttt tttttttctg gtgactatag atgcacacct ctaggagctg 51890514

gcttacttgg acagttaatt tctctctgga atttcccttg cgtgaatgtc 51890464

catgatacat tgacttctgc aaaggatgtt gttcaatatg ttgtctccac 51890414

tactggggag gccacagcaa atgcctgttc tgtccgtgac cgggtgacaa 51890364

gacttttctt tgtactctct tgtttatgtt tcttcacttg caccctatta 51890314

ttgggcatcc tgcctttggg tcctaccttc atttctctac tctagtctct 51890264

aacttttcca gacttggact tggatggagc tggctctgac aactatttgc 51890214

tctgtgactt tgggaaagtt actcaacatc tctgagcttc agtttctttg 51890164

ctatgaaact gtaataataa tacaaaactc ataaaactat tgtaaaaata 51890114

aatgagactc taaaatccag tacctggact gtagtgcctt ctctgtagat 51890064

tttcactatg agtgttatta ttctactcat cattacttaa aaaaaaaata 51890014

cttctaaggg aaaaaaaaaa tccaccataa atataacttg cactgagctg 51889964

ggcagcattt ttgctgggta cctggcaatg gattctcccc ctgatttcta 51889914

ggtctctatc ctccttcagt tttcagcagt ggcttccatt tgcagtgggt 51889864

tcccaaagca actcatggca aaaaacttca ccaggaagtg gtttttctag 51889814

tgtctctctc ctctttgaat gtctcctagg aacgttagta acccttagcg 51889764

ttactctctc aatcacctgt agagaagtag ttctcaaaat ggggtcaaaa 51889714

tatcacctgc agcagaccta tcagagcacc ttgtgatggc caagagtaaa 51889664

gaatactgtc cctcatccct tcctcatcac ccccctaata aatcaaaata 51889614

tctaaaaacc tttggctaat atacccccag gtaaagcctg ccagataaaa 51889564

tacagcatat ttggtcaaat ttaaatttca gatagtgttt gcgacacact 51889514

tatactaaaa tattttattt tttatctgaa atttaaattt cactgggcat 51889464

tctgtgtttt tatttgctaa atatgacaac tctaccaggt tgcacacgaa 51889414

agtttaagaa actgttccaa ggggatgctc acagcgtagt ccccactgag 51889364

ccctgcatag agggctgcac tgaagtattg ttttttaaag aaaggcattt 51889314

aatgtcttgt tgagtggcac agtgtcatgg tccttatgac tccccattct 51889264

ctttactgtg accctaatgc cagtgttcag gatgagctct ccaagcccca 51889214

tagtttgtgt tcccgggatt gagtgacttc caaggaggat actccagaca 51889164

ttccttgtct cgcaccagcc aggccatgga aaacccccag gtgatcagga 51889114

ttgaatcatg tgggagcctt ggagactccc ttcatctatg tagcacaggg 51889064

cttacacctg agcagcctat tccttaactt ctgttctcca ggtagacatg 51889014

ggcatcttga ctttggacaa ccactcagac tgagagaggt cagatgcacg 51888964

tgggcacata ggaagtagtc tcatagcttg atcgattggc cctttgttcc 51888914

tcccactaat agcatcactg cagtgcagca gcctgatagg gccccgattt 51888864

ttctcagagt tctttctccc tgatgataaa gagaaggctt gggatcctta 51888814

agatgtgagc gtgtgacact gagagaactc agatgtgatt caggaaagca 51888764

gaaatagaaa ctttcataga atagccaaca tgttatttac tttgttgcct 51888714

gtagttgagg ttgcaaattc aaatactgca gagactaggc agggatcata 51888664

aatgagtgaa ccaggaaggg tgaggactgt ggaaaaatca tccacagtcc 51888614

aagaaggaag gcccttctta tcttcacctg acctgtggct acttcacagg 51888564

aatttgggct cagaaaagct gaaagtctga attttttatt aaatctcttg 51888514

gtttgaacat gttggaacca aaaaaatatg aacattgggt aggccaaaaa 51888464

aaaatacatc tgtgtacagt cttaaacctt taggaagtca gttttttaat 51888414

ttgtcttaag tctatgttac atagggatga acatattgta ggtacttcat 51888364

tgaatttata aagataacct cattgtgttc agtttgatca gaattagatc 51888314

cccaaactca tatggtccaa gagagagaag tcagatttta tatgaacaca 51888264

taaaatacat gaaattattt agatagtaag acctataaag aaatatcaag 51888214

gcgacttaat agtctattca ggacaagagc actttgaaga gatttgagtt 51888164

gtagttgtac tcagtcaccc tgtcttggta ctaagtcatg actggtccaa 51888114

tcatgtggcc ttcagccaat agacaaatcg ttgagttgtt caaagagcca 51888064

gagagaacac attgtgtagg cttgacttca aggtacacct ttgccttgga 51888014

gagctaccat atactgttgc attcaccaaa gaggagaatt ttagatgtca 51887964

tgagtaaact cactgtggaa gcttagaaag aggcttgagc atgagatacc 51887914

agttattaag atgggcaaat tgcagtctag ttgagctggc tggaggaaga 51887864

agaatgacaa tatttttatt agttcattct cgcattgcta taaagaaata 51887814

cctgaggctg ggtaacttat aaagaaaaga ggtttaattg gctcatggtt 51887764

ctgcaggcta tacaggaaac atggaagcat caatttctgg ggaggtctca 51887714

ggtctcaggg agcctttact cacggcagaa ggcaaagcag gagcaggcaa 51887664

cttacatggc aggaacagag gcaagacaag gtgggagcca caaggtgctg 51887614

tacactttta aactaccaga tctcatgaga actcacttac tatggtgagg 51887564

acagtactaa ggggggacag tgctaaacca ttcacgagaa actgaccccg 51887514

tgatccagtc acctcccacc aggccctacc tccaatactg gggattacaa 51887464

ttcaacctga gatatgggca gggggacaaa tccaaaccat atcactattt 51887414

ttgttcccaa aaggaaaaaa aaagaataaa tgagtctata atagagtttt 51887364

aatgtacttt ggcagaaagt gaatataaaa ttgggatgag tacaaacaag 51887314

agtctttctt tccagcaacc ttatcataca tggggtaact attttttaac 51887264

tcttcttaat ttctgtagGG GAACAGAGTG TGTGGTGCTG GCTATGGCTA 51887214

CTTTTTCCAT CTCATGACCA ACCAAACATC ACAAGCTCCG CTTCTTTCCT 51887164

TCACTCAGAA CATTGCACAT TCTTGTACCA Ggtaactttg gggaaattca 51887114

tctatgtttt ggctgtctta tgatttcaca ttttactgta gaatgctcac 51887064

aatgagagca ctttgggcat ttgttggaga ttgggtgatg ttcctgtgca 51887014

ttttctgaaa ctgctttttt gaggtataat tgacatacaa aaagctgtcc 51886964

atatttaatg tatgcaactt gatgagtttg gagataagta tacacccctg 51886914

caaccatcat caccatctgt gtcacaaaca tatctatcac ctctaaaagt 51886864

tttcctccag agcctcttta tttgaattat tattattact gtaagaacgt 51886814

ttgacacaaa atctgacctc ttagcaaatt tttaagtata gaatatagta 51886764

ttgttaattt tgctgtattc tatactttgg cattttgcca tactgtatat 51886714

ctctaggact tattcatttt gcatagctga aactttgtac cctttgacta 51886664

atacttccca ttttcccctc cttccagccc ctgccaacca ccattctact 51886614

ctctgcttct ataagtttga atattttaga tttctcattt aaatgatatg 51886564

atgtactatt gcccttctgt gtctggctta cctcacccag cacagtgtcc 51886514

cccaggttta tctgtattgt cacaaatggc aggatttcct tctctttaaa 51886464

ggctgaataa tattccattg caaatataca ccacattttc cccagccatt 51886414

aacctattga tggacatctt ggctgcctct atgtcttggc ttttgtatat 51886364

aattgtgtta gcattatttt ctagatcata acagttcgat ggtaaagaga 51886314

agagagtcac atgaaaaggc agaaggacag aatgtacctt ttgtggccag 51886264

agataattca atagagagag caattaaact tccaaatatg cagagcccct 51886214

gggaggctgc taggcttggg ctctggagta atctgcattt tgttgggatt 51886164

cgggagcagg tcacagaggg taaaagtggg agggctgagg ggtaggcaag 51886114

aacagttagg gggagggtca cagattccat ctaccttcat tctccctaat 51886064

acattacttt tactttgtat ttttcaacaa gaaaaagtag aaagttagaa 51886014

acataaaaat tggcttaatt tcattctgtt tcacttttta gGTATGGTCT 51885964

CTTTGTATAC CCTAAATTTC AGCCACCTTG GGATAATGTC ACTGGCACCA 51885914

CTCTGTTCCA GAGCTTCACA GTTTGGGAAA GTGCAGGTGG TGCCCAGgta 51885864

agcttttttg ttgttgttgt tattgttgtt gtttttaaaa ttaaaactgt 51885814

cacttgtttt ctcacagcaa ttcattatgc atatctactt aaatgggatt 51885764

gacttgccct tgaggggagc attgctgtgc tgtcacaatt ttaaagcacc 51885714

aatggatcat aggtgcttgt agaatagttg ttaaacaaat tcctagtcac 51885664

taatccaggg ttaggtcatt ttctccattg ggtgtttttg gcaaccctag 51885614

aagagaacaa cagaatcata aagatttata atcaggggag atcacagagg 51885564

ttccctattc cttctttcca tctctactta gagatagaaa ttaaggctaa 51885514

gaacgggaag ggacttgtca aagatcacac aattggttag tagtacaacc 51885464

aagtgcagaa tttagactcc aaatgttgtg catttgatgt cccgatatcc 51885414

tgaataatac atgccccagt cttaagaaaa agcactgttc gtcattgata 51885364

cacaaacatt ctagctcaag ataccactct tactttagaa gaaataagct 51885314

aaattttctt ctattttttt cttaaaggaa aagaaaaggt tcatgttcaa 51885264

tcatttactc ttcattatcc caatgatttt cttataagga agctttgcat 51885214

gctcactgct aacagcaaca tgtaaaaatt attcagggtc actatttgat 51885164

gcaatacaga caaaattaca tacactttgt ctctgcctag aaatctggaa 51885114

cataagatat ataggtgaag aactatgttt gtagagcctt caggaaatag 51885064

aatacaaaca tataataatg tcacaataag aaagtcaaac atttgtttca 51885014

tatatcccat aaaagaaaga taactgtgga tgaagaaagc ccaaaaatat 51884964

acaattagga cagctaacag gtggagtccg aaatgtattt agtattttgt 51884914

tctcatttaa ttttataaaa tgcttcccat gagcactata aatataccct 51884864

ataggggtaa caaatctagt ggaaacattt gttgagtgcc ctcttatgca 51884814

gagaagtgat ttatacctgc aggggcttaa actctgtctc cctgctcttg 51884764

agtagcctgg ttctagagga aataatctag taaaatgaaa atattaaaag 51884714

atgctaataa agccattttt tgaaattctg caatcagaaa tgctaaacct 51884664

atgaaggaaa aaaatacaga actacaactt gaactcttgt gcactcaaat 51884614

ttgattaatc aaaaagttta aataataaaa atattcttgg aattgcactt 51884564

ttatagtgaa gaataagggg aaaattaagt aacataatag cagcaaattt 51884514

aaaacgtaaa cttccctcga actataccaa aaaagaagaa tgaagtaaga 51884464

ggatttatcc ttccctattt taaaacttgc tacaaagcaa caataatcaa 51884414

gacagtgtgg tatatgggca caaagataga tatatatgtc aatgaaatag 51884364

aagtgagagt ctggagataa acccatatat ctataaacaa atgatttttg 51884314

acaaaggatg ccaagaccat tcaatgtggg aaatatagtc ttttcaacaa 51884264

atggtgcttg tataactaga tggtcacaca caaaagaatt aagttgtatc 51884214

ctaccttaat ttatgctact tacaaaaatt aacttcaaat gagtcattat 51884164

gtattaataa taaataaaat tagcaaaaaa ttggtcaaag acgtaaacat 51884114

aagcacaact ctgtctccca gaccagtggt gtcttagtcc cttttgtgct 51884064

gctataacag aataataaaa tttgggaaaa ttataataaa cagaaattta 51884014

ttagctcatg attctggagg cttggaagtc caagattgag aggccagcat 51883964

cttctgagga ccttcttgct gcatcagtct atagcagaag ggcaaagaag 51883914

tcaaagaagg agcaagtgat agaactcaca gccccaagtt ttttttgtaa 51883864

tcagcactaa tccattcata acctacacac ctcctaacac tgttatatca 51883814

gggattaagc ttccaaaaca tgctttttcg gggacaggct taaaccatag 51883764

caagtagtag acttacaact ctaccaagct aattttgtta ttatatgacc 51883714

cctgtttggg ttatcataaa catatatgta cataacttat gttgaaatta 51883664

caaacagtga ctctgtagtc atgctgagct gcttatttca tatttgcaat 51883614

cttctgacag tatgagttaa tatataatac attgaagaaa atgttaagca 51883564

ctagagttct tggatgcaat gtttttctct gttacctttg tgtgatttgg 51883514

ccactccaag tttattttag atatgtggag aattcatatt gatcttttta 51883464

atgtattggt tattatgagg agaaatgaaa agtacaaagg ggtgttacca 51883414

aaggagactc attagtgctg acctcacagc aacttgagga tgcctatact 51883364

gacattgatg gacaaaaggt gctttaatac aatatagcat gcttctttct 51883314

acttaatcaa taattttaaa agctacagga agtccgcaag aaaaaccaag 51883264

cctcagacct ttgctgtaac atgctgtatt ttatagATTT TTAGAAGTAG 51883214

CAATCTTCGC CTGAAAAACT TCAAAGTTTA TTCATGCAGA GATTTTGGAA 51883164

TTGACGTCTT GGAAAGTGAT GCAAATACTT CAGTTACTGA CAGCTTATTA 51883114

CTTGGTCATT TTGCCCACAA Ggtaagtgcc ttagtgtggt tgttttaggc 51883064

tgtcaatcac aacaaaatta catgtgctgg gccccctgat gatccaggat 51883014

atgcaatttt aatagcattc tttagtgaat ctcatattta attagtaaaa 51882964

gttaaaagac ctttttattt gtaatagtgg tgatattgat aatagaactc 51882914

atatatacac agtgctttag tgttatgagt acagataaat cacagaagtc 51882864

ataagtagct gacagaattt tatttggttg caatttagaa ttattactca 51882814

tagtaagagg tcaaatcatg aaatagaaat ttgcctagtt cgttattttg 51882764

tatgtgattc actaatatgt gcctaagtat ggatttccac atgataaaaa 51882714

tcagactcta gatgacttct cagggtacaa ggatgcagat ggggcaaaga 51882664

gtactcccgg gtgggaagca ctagttccta agtgggggtt cctggctgcc 51882614

attggtctct taggcttcag gtctataatg gatcccctat gttcttgttt 51882564

ttattagaac tacattcata ctagtcatca catcattatg gaaatcatag 51882514

atttattggg agccaaggaa gaatattctc ttcagtttgt tcctgagtgc 51882464

ttagttcaat tgaaatttaa atgataagtt ttgattctta tacttccatt 51882414

gaagattatt tatttcacag ctatagataa aaatgtgaag attttaaaag 51882364

tcattttctt attgagctac attttcctgg atttaactct caacttttct 51882314

tagtaaaatc tcctttgaac tatacttttc aggagataaa taagtgccag 51882264

tttttttttc cctctaaaag gattaccacc ttgagagatg attcttcctt 51882214

tcagactgtg tagttttcaa gagaggatgg tacccagatt tagattctgt 51882164

gatgctgtgg tacatcagag gtccttaact tttccagaaa taaccttaga 51882114

gtagatgtta aaaacaaaat tcccagcaaa ctgagtaact gtcttggtaa 51882064

attaatgttg cagtatctta attgatgtta aatagacatc ataattaatg 51882014

ggaaagtgac aaaaattaag atgtaaatta tgacaaaagg gtggctatca 51881964

tgagataatc aaaaataatc acacccttgg ggtgtaattc actaggaatg 51881914

tagtacagct gagggccttt cagtctctta agtaagtgca ggacaagagt 51881864

cccctggtgg aaaatgttaa acagttttgt tctaggggat gtctagatgc 51881814

tggttagtta tccaaatcat aaaaccacat aattaaagag ccaactatta 51881764

cctaagagat gatctggtta acttcttgaa cttaggggaa aatggaggct 51881714

tggaaacttg aatggcagtt taaggttcat gcctagtatt gtggagctag 51881664

gaccaccctg atatcctccc actcctggtc aaatattctt caattgcaca 51881614

tggaaaatgg ctttggcaaa ggacatttat tagtgttcat accaatgttc 51881564

cctgaagtgt ttttcatgaa aagctagccc ttagatagtg tctggaaaga 51881514

gaagattatt tggttataat tatatttata ctgtgctgtt taccgtaccc 51881464

tctatttccc aaaatctcca acaaatccag agatgtaatg tacaacataa 51881414

gcattagaga taataaaatt gtattgtgtc agggaatttt gttaaataag 51881364

tggattttgg ctgctcttgt cacagaaaag taactgtgag ataatagata 51881314

tgttgatttg cttcactata acctatgtgt accctgtaat atgttgtaaa 51881264

tctcaaatat acagaataaa attcattgaa aaaatacact aaaggctctg 51881214

agaaattcta gcattaaagt gaacaagcaa aaaaaaatct attaatcttt 51881164

acttagcaca gtatttttca gatttatttg ggaaccacta tgttgccagg 51881114

tgtcagttgt tccaaaaaaa gaaaaaaaaa aaaaaaaaga aagaaaaaga 51881064

gggttcctga cctctgtggt tatgggactc tgattttagc ctctgtcttt 51881014

tgtgcctgcc attcctttag gaattaacac tttctttttt ttttttttga 51880964

gacggagtct cgctctgtcg cccaggctgg agtgcagtgg cgcgatcttg 51880914

gctcactgca agctccgcct cccgggttca cgccattctc ctgcctcagc 51880864

ctcctgagta gctgggacca caggcacctg ccaccacgcc tggctaattt 51880814

tttgtgtttt tttttttttt tttttttttt ttttaatttt tttttttatt 51880764

atactctaag ttttagggta catgtgcaca ttgtgcaggt tagttacata 51880714

tgtatacatg tgccatgctg gtgcgctgca cccactaacg tgtcatctag 51880664

cattaggtat atctcccaat gctatccctc ccccctcccc cgaccccacc 51880614

acagtcccca gagtgtgata ttccccttcc tgtgtccatg tgatctcatt 51880564

gttcaattcc cacctatgag tgagaatatg cggtgtttgg ttttttgttc 51880514

ttgcgatagt ttactgagaa tgatggtttc caatttcatc catgtcccta 51880464

caaaggacat gaactcatca ttttttatgg ctgcatagta ttccatggtg 51880414

tatatgtgcc acatttgctt aatccagtct atcattgttg gacatttggg 51880364

ttggttccaa gtctttgcta ttgtgaatag tgccgcaata aacatacgtg 51880314

tgcatgtgtc tttatagcag catgatttat agtcctttgg gtatataccc 51880264

agtaatggga tggctgggtc aaatggtatt tctagttcta gatccctgag 51880214

gaatcgccac actgacttcc acaatggttg aactagttta cagtcccacc 51880164

aacagtgtaa aagtgttcct atttctccac atcctctcca gcacctgttg 51880114

tttcctgact ttttaatgat tgccattcta actggtgtga gatgatatct 51880064

catagtggtt ttgatttgca tttctctgat ggccagtgat gatgagcatt 51880014

tcttcatgtg ttttttggct gcataaatgt cttcttttga gaagtgtctg 51879964

ttcatgtcct tcgcccactt tttgatgggg ttgtttgttt ttttcttgta 51879914

aatttgtttg agttcattgt agattctgga tattagacct ttgtcagatg 51879864

agtaggttgc gaaaattttc tcccatgttg taggttgcct gttcactctg 51879814

atggtagttt cttttgctgt gcagaagctc ttgagtttaa ttagatccca 51879764

tttgtcaatt ttggcttttg ttgccattgc ttttggtgtt ttggacatga 51879714

agtccttgcc cacgcctatg tcctgaatgg taatgcctag gttttcttct 51879664

agggttttta tggttttagg tctaacgttt aaatctttaa tccatcttga 51879614

attgattttt gtataaggtg taaggaaggg atccagtttc agccttctac 51879564

atatggctag ccagttttcc cagcaccatt tattaaatag ggaatccttt 51879514

ccccattgct tgtttttctc aggtttgtca aagatcagat agttgtagat 51879464

atgcggcatt atttctgagg gctctgttct gttccattga tctatatctc 51879414

tgttttggta ccagtaccat gctgttttgg ttactgtagc cttgtagtat 51879364

agtttgaagt caggtagtgt gatgcctcca gctttgttct tttggcttag 51879314

gattgacttg gcgatgcggg ctcttttttg gttccatatg aactttaaag 51879264

tagttttttc caattctgtg aagaaagtca ttggtagctt gaaggggatg 51879214

gcattgaatc tgtaaattac cttgggcagt atggccattt tcacgatatt 51879164

gattcttcct acccatgagc atggaatgtt cttccatttg tttgtgtcct 51879114

cttttatttc gttgagcagt ggtttgtagt tctccttgaa gaggtccttc 51879064

acatcccttg taagttggat tcctaggtat tttattctct ttgaagcaat 51879014

tgtgaatggg agttcactca tgagttggct ctctgtttgt ctgtttttgg 51878964

tgtataagaa tgcttgtgat ttttgtacat tgattttgta tcctgagact 51878914

ttgctgaagt tgcttatcag cttaaggaga ttttgggctg agacgatggg 51878864

gttttctaga taaacaatca tgtcatctgc aaacagggac aatttgactt 51878814

cctcttttcc taattgaata ccctttattt ccttctcctg cctgattgcc 51878764

ctggccagaa cttccaacac tatgttgaat aggagcggtg agagagggca 51878714

tccctgtctt gtgccagttt tcaaagggaa tgcttccagt ttttgcccat 51878664

tcagtatgat attggctgtg ggtttgtcat agatagctct tattattttg 51878614

aaatacgtcc catcaatacc taatttattg agtttttagc atgaagggtt 51878564

gttgaatttt gtcaaaggct ttttctgcgt ctattgagat aatcatgtgg 51878514

tttttgtctt tggctatgtt tatatgctgg attacattta ttgatttgcg 51878464

tatattgaac cagccttgca tcccagggat gaagcccact tgatcatggt 51878414

ggataagctt tttgatgtgc tgctggattc ggtttgccag tattttattg 51878364

aggatttttg catcaatgtt catcaaggat attggtctaa aattctcttt 51878314

ttttgttgtg tctctgcccg gctttggtat cagaatgatg ctggcctcat 51878264

aaaatgagtt agggaggatt ccctcttttt ctattgattg gaatagtttc 51878214

agaaggaatg gtaccagctc ctccttgtac ctctggtaga attcggctgt 51878164

gaatccatct ggtcctggac tctttttggt tggtaaacta ttgattattg 51878114

ccacaatttc agagcctgtt attggtctat tcagagattc aacttcttcc 51878064

tggtttagtc ttgggagagt gtatgtgtcg aggaatgtat ccatttcttc 51878014

tagattttct agtttatttg cgtagaggtg tttgtagtat tctctgatgg 51877964

tagtttgtat ttctgtggga tcggtggtga tatccccttt atcatttttt 51877914

attgtgtcta tttgattctt ctctcttttt ttctttatta gtcttgctag 51877864

cggtctatca attttgttga tcctttcaaa aaaccagctc ctggattcat 51877814

tgattttttg aagggttttt tgtgtctcta tttccttcag ttctgctctg 51877764

attttcgtta tttcttgcct tctgctagct tttgaatgtg tttgctcttg 51877714

cttttctagt tcttttaatt gtgatgttag ggtgtcaatt ttggatcttt 51877664

cctgctttct cttgtaggca tttagtgcta taaatttccc tctacacact 51877614

gctttgaatg cgtcccagag attctggtat gtggtgtctt tgttcttgtt 51877564

ggtttcaaag aacatcttta tttctgcctt catttcgtta tgtacccagt 51877514

agtcattcag gagcaggttg ttcagtttcc atggagttga gcggctttga 51877464

gtgagattct taatcctgag ttctagtttg attgcactgt ggtctgagag 51877414

atagtttgtt ataatttctg ttcttttaca tttgctgagg agagctttac 51877364

ttccaactat gtggtcaatt ttggaatagg tgtggtgtgg tgctgaaaaa 51877314

aatgtatact ctgttgattt ggggtggaga gttctgttga tgtctattag 51877264

gtctgcttgg tgcagagctg agttcaattc ctgggtatcc ttgttgactt 51877214

tctgtctcgt tgatctgtct aatgttgaca gtggggtgtt aaagtctccc 51877164

attattaatg tgtgggagtc taagtctctt tgtaggtcac tcaggacttg 51877114

ctttatgaat ctgggtgctc ctgtattggg tgcataaata tttaggatag 51877064

ttagctcctc ttgttgaatt gatcccttca ccattatgta atggccttct 51877014

ttgtctcttt tgatctttgt tggtttaaag tctgttttat cagagactag 51876964

gattgcaacc cctgcctttt tttgttttcc attggcttgg tagatcttcc 51876914

tccatccttt tattttgagc ctatgtgtgt ctctgcacgt gagatgggtt 51876864

tcctgaatac agcacactga tgggtcttga ctctttatcc aacttgccag 51876814

tctgtgtctt ttaattgcag aatttagtcc atttatattt aaagttaata 51876764

ttgttatgtg tgaatttgat cctgtcatta tgatgttagc tggtgatttt 51876714

gctcattagt tgatgcagtt tcctcctagt ctcgatggtc tttacatttt 51876664

ggcatgattt tgcagcggct ggtaccggtt gttcctttcc atgtttagcg 51876614

cttccttcag gagctctttt agggcaggcc tggtggtgac aaaatctctc 51876564

agcatttgct tgtctataaa gtattttatt tctccttcac ttatgaagct 51876514

tagtttggct ggatatgaaa ttctgggttg aaaattcttt tctttaagaa 51876464

tgttgaatat tggcccccac tctcttctgg cttgtagggt ttctgccaag 51876414

agatccgctg ttagtctgat gggctttcct ttgagggtaa cccgaccttt 51876364

ctctctggct gcccttaaca ttttttcctt catttcaact ttggtgaatc 51876314

tgacaattat gtgtcttgga gttgctcttc tcgaggagta tctttgtggc 51876264

gttctctgta tttcctgaat ctgaacgttg gcctgccttg ctagattggg 51876214

gaagttctcc tggataatat cctgcagagt gttttccaac ttggttccat 51876164

tctccacatc actttcaggt acaccaatca gacgtagatt tggtcttttc 51876114

acatagtccc atatttcttg gaggctttgc tcatttcttt ttattctttt 51876064

ttctctaaac ttcccttctc gcttcatttc attcatttca tcttccattg 51876014

ctgataccct ttcttccagt tgatcgcatc ggctcctgag gcttctgcat 51875964

tcttcacgta gttctcgagc cttggttttc agctccatca gctcctttaa 51875914

gcacttctct gtattggtta ttctagttat acattcttct aaattttttt 51875864

caaagttttc aacttctttg cctttggttt gaatgtcctc ccgtagctca 51875814

gagtaatttg atcgtctgaa gccttcttct ctcagctcgt caaaatcatt 51875764

ctccatccag ctttgttctg ttgctggtga ggaactgcgt tcctttggag 51875714

gaggagaggc gctctgcgtt ttagagtttc cagtttttct gttctgtttt 51875664

ttccccatct ttgtggtttt atctactttt ggtctttgat gatggtgatg 51875614

tacagatggg ttttcggtgt agatgtcctt tctggttgtt agttttcctt 51875564

ctaacagaca ggaccctcag ctgcaggtct gttggaatac cctgctgtgt 51875514

gaggtgtcag tgtgcccctg ctggggggtg cctcccagtt aggctgctcg 51875464

ggggtcaggg gtcagggacc cacttgagga ggcagtctgc ccgttctcag 51875414

atctccagct gcgtgctggg agaaccactg ctctcttcaa agctgtcaga 51875364

cagggacact taagtctgca gaggttactg ctgtcttttt gtttgtctgt 51875314

gccctgcccc cagaggtgga gcctacagag gcaggcaggc ctccttgagc 51875264

tgtggtgggc tccacccagt tcgagcttcc cagctgcttt gtttacctaa 51875214

gcaagcctgg gcaatggcgg gcgcccctcc cacagcctcg ttgccgcctt 51875164

gccgtttgat ctcagactgc tgtgctagca atcagcgaga ttccgtgggc 51875114

gtaggaccct ctgagccagg tgtgggatat agtctcgtgg tgcgccgttt 51875064

cttaagccgg tctgaaaagc gcaatatttg ggtgggagtg acccgatttt 51875014

ccaggtgcgt ccgtcacccc tttctttgac tcggaaaggg aactccctga 51874964

ccccttgcgc ttcccaggtg aggcaatgcc tcgccctgct tcggctcgcg 51874914

cacggtgcgc acacacactg gcctgcgccc actgtctggc actccctagt 51874864

gagatgaacc cggtacctca gatggaaatg cagaaatcac ccgtcttctg 51874814

cgtcgctcac gctgggagct gtagaccgga gctcattttt tgtgttttta 51874764

gtacagacgg agtttcaaca tgttagccag gatggtctca atctcctgac 51874714

ctcgtgatcc gcccgccttg gcctcccata gtgctgggat tacaggcgtg 51874664

agccactgcg cctggccagg aattaagact tttaaagaat ttggcctgtc 51874614

cattgttaga ctttccactc atatataatt ggtggcatac aattatctgt 51874564

gagtcacatc ctaaaataaa cattactttc tggaagaact ttttatcatc 51874514

agaaggaatt tttttccttt aagcatacct gtacgtgtgt tggtactctc 51874464

acagccaatg ttacctttgt attgagatga atagaataat tttcagtacg 51874414

aatgacttaa atatacaaga aagacatgtg ctatatagca tgacgatata 51874364

tcctagtttg ggtgcgtagt ttgtttatac ctattgtccc agcattctgt 51874314

ctaattaaca taccctttca cactaaaaaa aatgtctaat tttaatttaa 51874264

attacggtca ccctacttat cgaagtatct gtaggatggc tgtcttcgtt 51874214

gttattgtaa ttaatttgag cagatgatgc tactttaaaa aataccgtat 51874164

tcagacagat gctgatggag ttgcttcatt cttcctccta tttctctagg 51874114

ggtgatttcc cattttcact tgtggatttg tcttcttcaa tttagacctt 51874064

tcatcttttt gtttccctaa attctgttgt agggcccctt ttcttctcaa 51874014

tatactagct ctccctggga gaaatctcat tttctctagt ggtttcaatt 51873964

accttccaca tgctgatgtc tcccatatat ttgcatttat ttctaccatc 51873914

ttattttgca ctttcaattt gcaatccgtt tttggtttct gtttttttct 51873864

tcttttctat tttgatttgt cttgtgttgc atatttttat atttactcat 51873814

ttgaaagtta tccattctgt tatgattatt ttagctattg gccttaagtt 51873764

tttaatgtgc ctgcttgtct taacaaagtc taaattacat cagcactgtt 51873714

aaactttaca taagtaatgc aaggacatta aactccttta gcttctttcc 51873664

ttaccctctc atcttctatg ttacctttct ctagtatttg tcctactttt 51873614

taaggtaaat gtttcatgga aatataacat ttatggagaa atgtgcacaa 51873564

atcatagggg aatagctcag tggattttta caaagcaaac caaccatgta 51873514

tatgtataca actaagaaca agaaatagaa cattgccaga gcaagatcct 51873464

gtctctaaaa aataaaaact aataataaat aaatgaacat tatcagctcc 51873414

tctaaagcct cttcttgtcc ccccattcaa ccccactccg cacgccctag 51873364

ccaaagggca agcattattc agccttctat cgatatagat taatttctcc 51873314

tgttttttaa gttggtctaa atggaatcat aaagcatgta acttattgta 51873264

cctggttgtt ttcatcattt gtaagtttgg ttatttacaa ataataatgc 51873214

tataagcatt attctatatg ccttctggtc ttcatgtgca tgcatttctg 51873164

ttgaatataa gccaagttgt aaaattgctg gatcatcgtg taactttagt 51873114

ggataatgcc aagcaacaat ccagagttta tgcttacacc agcaatgtat 51873064

aagaagggtt tcaaagctcc atcttagaat ctcccttgaa cattatcctg 51873014

gagatttcct tcatgtctgt ctagtattgg aactcttgtt tctgattcgt 51872964

acatcttctt cttttctggc ttaattcctc attttgtttg aacataccct 51872914

aaggtaactt tctgaaaaaa aaaaaaaaaa aaaaaaaagg aaacgatgga 51872864

aggtgaaagt tctgagctat atatggagac ccctttatta gtagattgtt 51872814

ggttacagga taccaggttg aagttcattt tgcattgaaa ttttgaaggc 51872764

aatattccat catcttgtag ctccttctgg tcttgaggct gaatagtttt 51872714

aagatactca gattcagtgg ctcacacctg taatcccagc agtttgggag 51872664

gccgaggtgt gcagatcacc tgaggtcagg ggttggagac ctgcctggcc 51872614

aacatggcaa aaccctgtct ctactaaaag tacaaaaatt agccagatgt 51872564

ggtggcaagc acctgtagtc ccagctactc gggaggctga agtaggagaa 51872514

tcacttcaac ccaggaagca gaggttgcag tgagccgaga tcatgccact 51872464

gcactgcaga ctgtgcaaca gagtgagatt ctgtctcaaa aaaaaaaacc 51872414

aaaaaacaaa aactcagatt ccaggatttt tgtacgtaac ttattttttt 51872364

tctctctgaa agctcttagg aacttgtcct tgtccctggt gttttgcaat 51872314

ttcaatatga tgcactttgc tgtggctctt tttctaaaca ttgtgctaga 51872264

tactgagtgg gacttttcag tctggaaaat tatatccttt ccttctgcac 51872214

agtattcttc aattatttct ttgataattc tttcccctat gttttcctct 51872164

tttccttaaa gctatgatta tttaaatatt gggcctcctg gaatgttttt 51872114

ctcatcttaa tgttcttact gattttccat ctctttgtct ttttgttcta 51872064

ctttctatga tattgaattc cttttttcta ctctcctatt tccttttttt 51872014

tctaaaaata atattttagg cttctatttg tttcatggat ataatatact 51871964

tatttctcca aggccattaa ttatagtttt tgttttcttc tgatttctag 51871914

actagctttg tgtccactga gtttcttttc tgctatttgt ttattgtttc 51871864

atcatttttc atgttgggag tgattgcaaa aattctggta atcctcaaat 51871814

gtaagactat ttttaacaat ggaacagtga ggcactagca gcttgattgg 51871764

atagtgtttg tcaaagagat tttgtggaaa atcatgaaaa cacttattgt 51871714

ttctttcttt tcagactttt tgttaaagtt tttaaaatat attaatatac 51871664

agcaaaactg actttttgat gtacagttct atgagcttta acacatgtac 51871614

acatttgtgt aacaaccacc acgacaatca agacacagaa cagttgcatc 51871564

caccccagtt ccttgctcca tctttgtagc cacagcctcc tcttgcttta 51871514

aaccactggc aatcactaat atattctctg tcactatagt tttgcctttt 51871464

caacagtcat ataaatggag tcatatagta tgtaaccttt tgggactggc 51871414

ttccttcact cctgaatgcc attgggattc atctaacttg ttgcacatat 51871364

caatattaca ttccttatta tcgacgaata gtattccatt agatagatgt 51871314

aatgcagttt gttaatccat tcatttattg aggtgcactt gacttgtttc 51871264

catatttggt gattataaat ggaactgtta tgaacatttg tctcaggttt 51871214

ttatataaat gtaagttttc atttctccaa ggtaaatacc taggagttga 51871164

attgctaggt catatgataa gggcatattt aactttataa gaaactgcca 51871114

aagttttcca cagtggctgt ctcattttgc attccactag aaacaggaga 51871064

gttttaatac tttctcatcc tcatcagcac ttactattgt cactgtattt 51871014

ttatttattc attcaatagg tgcatagtat attttagtgt gatcttaatt 51870964

tgcatttccc tagtgaataa tgatgttgaa catttttttt ttctgtgctt 51870914

atttgctatc tgtatatttt cttttctggg ttatcttttg aaggtttttt 51870864

tttcctgatt tttgaattgc gttgtctatt ttcttgctgt tgaaacctaa 51870814

gagttctttc tatattctgg atataggtcc tttgtcatat gtgtgattgg 51870764

caaatatttt ctcttagtca atagctcgct tttttatctt tgtttttatt 51870714

catgcattat gaattgtatt tcatgtgtcc agttttctta ttttgctttc 51870664

atcttttttt cttttaaatc acagGGAAGT CTGTGTATGT CATCTGGGAT 51870614

TAAAACTCCT AAAAGATGGG AACTGATGGT GTCTAACACA ACCTTTGTTA 51870564

ATTTTGATCT CATCAACTGT GTGGCCATTA GAACCTGTTC AGACTGTTCC 51870514

CAAGGACAAG gtaattattt gaatagacag aacagatgat aaataaggcc 51870464

catattcaag tcagtattat aaatagtggc aaatactttg tgaatcatta 51870414

tctctttcag ttataagatt gcatcagtag aaactgttgc ttaaatctcc 51870364

taaaagacat cctggaggtt ctcccagtac agcttctgca gctccctgtc 51870314

ctgctcctat tatggtgcct atcacattct atcattatgg tcctatgtct 51870264

ctgctggact ctgaccttca taaaggcaga gatcatgtat ttcttgctca 51870214

gagttttaat tattagtagc tagcacagag ccagatgcct agtaggcagt 51870164

ttattgatta aatgaaagaa tggagttaga tgggtagata cctggtataa 51870114

actaacatgc atacagcctt tcctgaagga gccaaagttc aggtacttaa 51870064

tgttttcaac agtccagggc ttgatgtatg cacaaaggga aacataggag 51870014

ttcttgctca ctttttaacc acatctcaga ggtggtaaga aataacttgg 51869964

aggactcatg ggccaaggtg aaagaggtag agagtaatct agttgatttg 51869914

atcatcgtaa acagccaaac caagtaattt aagtaaatat gctcttgtgg 51869864

tttgaatcac caatttagat aattgtttgt ttttttaatt aaatgaataa 51869814

tcaacaagtc tccactttac ttttttttcc tatgtaggca gaatgaaaga 51869764

ttgtttttat ttgggtggca tctgagttta ggattgtaga aataataata 51869714

gaaataaaaa tgcctcataa caagtgcttg caatcgcaat tcctcaattc 51869664

tttaatatct tgactatttc atatcattca tgagacagtg aaaaaaaatc 51869614

acactactcc tatgaactct aatccctttt cactgaatag tattggctaa 51869564

cccctctttt catttgctta aataccatct atttcaggct ctgcttaagg 51869514

acctaggggg tacaaatata aaaaacacat agtttctgtc ctccaggaac 51869464

tcttgatcta ggcactaaaa taaatgtcca agcctattat tgtaagagag 51869414

catgatgaac gcagtaatag aggactcaac aaagtcagtg aaggggccga 51869364

ggaagggggt caggcaagag ctcatagagg ttattcttga gtagggttta 51869314

ggaaggtgaa tagaagtttg caagaaggta tatgcaagga agaatttcta 51869264

ggaacagtat acacacaaaa aatagaatcc aagaagtaag ttgtgcttgg 51869214

gaaatcacaa agaagtccag tatgactgaa atgtagagct gcaggtggtt 51869164

tgtggtatca aatgaaatac agaagttgca agaggtgcaa ttgtgtagcc 51869114

tttcatgtat gaatcaattc actgcatgta ctctattggg ctgcagaatg 51869064

aaaacattag agcctctatt tgtatctttt tcattttatt ttcttttttt 51869014

tatattttat aatgtacata atatattatg gtatggtagt atgtgtactg 51868964

ggagatgtgt acttagtttt cttcctttaa tgacatgggt gtgtgaatta 51868914

gaagatcact gccatacttt ccttttaggc aattggactg atagtaccaa 51868864

tgagtcacat ggcagtggtg ttggggaaag actgccaaga agtgtggccc 51868814

tacagctaat acttagaaag tgtattacta atactatttg cccaagtgat 51868764

taattgagtt tgcttttgaa agtaaatgtt taaataaacc ttatagtaag 51868714

aggtattgga ggggttagac tcaccacaga ggaatgaaag ctgaaagatt 51868664

ggaagactaa accatagcat ctttggtgct tagtaattaa taaattaatg 51868614

ttttctgctt ctatttccca ctagaccaga gtttcttacc cttggcacta 51868564

ttggcatttt gggtgagata attctttgtt gtggggattg tcctgtgcat 51868514

tgtaggatat ttagcagcat ctctggtttc tacctactag ctgccagtag 51868464

cactgccagc tccccaattg tgacagccaa aaatgattga aaatagtgcc 51868414

atgtctcttg gaaggtaaaa tcaaccatga tagaaaaatc actgccctac 51868364

aatgtggact atagactgca tgaaggtagg gccaatgctg cagttatacc 51868314

tcttagtatc tctagcacac cagagcttgg tagacagtaa acactcactg 51868264

taaaacaccc acagaaaaca ctttttttct tgcatgaata ggtgaattgt 51868214

aaaactagat aaatatgcaa tttaaatcct aagaccatca ctccagtgaa 51868164

tttagttgct atttgtgcca ttgtgtaata atctttctgt tttccaattt 51868114

atagGTGGAT TTACTGTGAA GACCAGCCAG TTGAAGTTTA CAAACTCTTC 51868064

AAACTTAGTG GCATTTCCAT TTCCTCATGC AGCAATTTTG GAAGACTTGG 51868014

ATGGGTCTCT GTCTGGGAAA AACAGAAGTC ACATTCTTGC TTCTATGGAA 51867964

ACCCTTTCAG CTTCTTGTTT GGTCAATTCA AGCTTTGGTC GGGTTGTCCA 51867914

TGGCAGTGCC TGTGGAGGAG GTGTTCTTTT TCATCGTATG TCTATTGGTT 51867864

Tgtaagtgga attaactata ctttttagct tgccgatggg catgcatctg 51867814

ttattctggc tgtcgaggct tatagaaggg aaattgtttt ctagattatt 51867764

tgaagtattt agctctaaag aagtgaaatg ggaataattt tgacagctgc 51867714

tgaatcatga gtgtatggta gttttaagct gactcaaatg gcagctaact 51867664

agcaatatct ttggaccaga tctcatagct tgtgacctct cattgacatt 51867614

ttgggctaat aacttcttct tagaaagact tacagccaac agagagtttg 51867564

aaatatattt aaattaaaag tattattaaa aaattctaaa aatgtccatt 51867514

ctcatttata tacatgtact cttcccaagc tctttttaag tgttcaatat 51867464

gctccaggga agcaattgct gatgcctcct attacttgca aggttgcttc 51867414

actccagttc attttccttg ttaatttcat gaactattgg attcctacaa 51867364

tacatttcct attaatattg gagcaaggac tccttggtta tgctactcaa 51867314

actaccatta agtcagcagc ggggctgttt ataatgcata ataggattgc 51867264

tcctgccctc tttaatttcc aggtaatgat tgctgaatgt ctagggttct 51867214

gtcttttact tattccaaat gcattgtata tatttagcca cacttatttt 51867164

cttcctttgt cttaagtgtc ctaactccat gagtattaag tcaagtaatt 51867114

cagtcagacc tcattggcct cttacttgaa caagtaaact tcagggagtg 51867064

agaatcattg tggttaggat tgcactaact ctgtattttg aatgcatgtg 51867014

gaatcagtgc tttggcattc tgttttagaa gccttagcga tgcactggta 51866964

gcactgaata gtctggaaat ttttcatttt tgctttctag acattcatta 51866914

ttctacctga cgttaatgag cccaattcca gtgagtaaaa taataatatg 51866864

tagggatata tttttatttc taatcatttt gattgtgcag agcatgactt 51866814

tttcttcatt ctcagggatg cagcctgatt tttattattt tagtgttttt 51866764

accaaggatg ttttaaatga gtgttttgag agttataaaa attagtgatt 51866714

tatttcttac atgcatttta tcaaatgagg aaaatagatt tgtgtactta 51866664

aaaggaacat tatatgcttc tataatattt atttctgcgt gttcctgata 51866614

gtcctttatc atgctttact ttgagatcta ctggtaggct gtctcttgga 51866564

gaggcacttg tcaatgtgat gttagaaggc tctgtagtgc ctgaaacttg 51866514

tttgagcatt tgctctttga gatctttggg acaggatatt aaggtacttg 51866464

ccttggcagg tcatgatccc accacttggg gactgacaag gtcaagaaaa 51866414

atgtaatact gatactgtgt tctaagtaga ttcaaaaggg tctagcagga 51866364

tgaaaaactt atcctggttt tcctggattt ttttcttgtt ttaaaaaggc 51866314

aaattccatg ttctggaaac ttcctcagtc atctaggctg attggtcact 51866264

ctactcctta gattctattt aaaattttca ggttgactca caggtctatg 51866214

gacaaatact caactgaccc taattagtca cctggaagtc tcagcgtgct 51866164

tccagttata aatctcttgg ccctgatgtg ctcacctcta ggagaggcaa 51866114

ctgaattaga tgatctctaa ggtcttgctg ctcaaaatgt tgtccatgga 51866064

ccagcagcag cagcagcacc agggattttt tttagaaatg cagactctca 51866014

gactgggccc cagatgtcct gaattacaat gcccaggtga ttggtattaa 51865964

agtctgagag gcactcctct aaggtccttc taattttatc tttctatgat 51865914

tctatcccta gctatttgtg ctcagtggct tgatctttgt cccaaagcat 51865864

tataacctca ttaggaacat gtcagagcta atgagcaatt tgaattcagc 51865814

atagatgcaa actttgctgc atttcatgga gaaaggatta atttgttgtg 51865764

ctatttgccc tggggcaagc accctaagag ttgatttaca aagctctcac 51865714

agttatgatc ttttggggtt gcatgttgat ggagatctaa tatggcataa 51865664

gcaccctgct gtcttcactt tcaaccctta actccctccc tcagtaagag 51865614

gtccagagag ggcagggagt gaggctttac atagctgcat aaacaagaca 51865564

tcctcttcct gttctgctaa gaaccaagct cttggagtgt gagttcttcc 51865514

ttggtaggcc ccctctctgg tccattttca ctataagtta tttgtttgac 51865464

attggcaacc ttctgttcct gtccctcact gccttaaatc tgacggtgct 51865414

tacctttgtg gcacttccta ctttattggt tcctatgact caaagccagc 51865364

agttgggatg acagaagtat ttaaatattt gaagttggcc acactattta 51865314

atatttgggt gaagaaaaaa ctgccactct acaaggcaga gtctagttta 51865264

tgttttgtta aaatgacagc atgcttgatc tgcgtgagtg ctgcttatat 51865214

tgttttctct ctcatcagct ctgaaaacat gctttctgta gaagccgcag 51865164

gtattctgga tagcgttcct ttcccagctt ctgtttctac cagcttcccc 51865114

ctatgaacct cagtgttcct ggtgagacag gggtagtgtt agttctgcca 51865064

atgtaagtca ggacctcata tcagaaacac atgccagtga cagtttttct 51865014

ccagggtccc ataattataa aatgtcccac atagttcttg gatttatcta 51864964

tcccaaactt taggtaaaca tttttttttt ctgtatagaa ataattacac 51864914

gaaacaagta caatattatc agtaggattt tgtgtgctct ttttagatct 51864864

ccctagtcca aattgtgatg tgccgtaaga gtgaattacc caccatatag 51864814

ataagactta atatgaaaaa aagaatgtaa aatatctcaa taatttgttt 51864764

atattgatca tgttgaaata atattttgga tagattgggc taaatatatt 51864714

actaaaatta atttaacttg tttattttga gctttttagt gtggctactc 51864664

taaaactcaa cttgccaaaa tgggatttat gatttttttc tgtagacctg 51864614

tttctctctg ggtgctcaga atcccactga ggcaaatgct ggtctaaacc 51864564

tgaaacatgg agtcatcctt gactcatctt tgtaccttat ttcccacact 51864514

aatcacctat cagctcaatt ttcctcctta ataaatccct tttgagtctt 51864464

tctactactc tccttcccca aatccttctc cagtctgggc taccattact 51864414

tttcacctgt agaaccacaa cagccactta gcttgccatt tttcggtgtt 51864364

tcaatctctg aactttctaa atgcagatct gatcttgcca tccattccct 51864314

tgcgtgaaac ttttaaagaa ttctcagtgc tttccaagga aagtctgaca 51864264

ttcctaatgt gtcatggagc ttccgtgtcc tgctgtctgc tttgggttcc 51864214

agcattatct ctcagcactc tgctctacct ttcctgcatt ctgtccctta 51864164

gccacattca acttatttgt gctcttcaat tcataatgtt cagcttccat 51864114

gaactcagca tagaggtcgt tttctctgct aggcttccct gagcatgctg 51864064

cgcaggtttt gatatctctg ttgtgtgcta gctctttata cttgctctaa 51864014

tcagtactta tagcacctgc atagctttct aaattgtccg tctgtcctta 51863964

taaatggcaa ggagggcaaa tagggatttt ctttgtatta tgatgcccca 51863914

aactctgttt aacacatagc aactcaacaa aattggtgtt gagtaaaaaa 51863864

atataaataa aaaatagtgg actgccccca gatcttcctt tagtgtcctt 51863814

attgtctatt tctctcctag gacatgttca tgaggagtcc acagcattcg 51863764

gcttttcttc agaagaccca ggagtaaaat gctatctcca gtcttctaaa 51863714

attcctagga atatctagta tttaagaatc ttctttcata atcttctctg 51863664

ggcttttact ttcctggggc aatcatttga ctggaggatt tattctaatt 51863614

gctgattcct tctctatcca acccctctct acccccattc aatcatcagt 51863564

ttgcctttat ttgtaattgt tttcttgtcc tggtggaata ggtacataaa 51863514

actgtgatag agaggatgta agctcaaccc ttataattat tttctcgaaa 51863464

atttttgtca ttgttgttta cagcaatgta taacttcttc acttgtcgta 51863414

gactcattga gatatcaaca gatcagacct tgattctgtc ttcgaatttt 51863364

tgactgtatt gagtgtgagg gagattagaa gagcttgcaa gattttgtag 51863314

gttggctgac cagtccttct gagtttttac aggacgtaca taaaatagtc 51863264

aagacatata tacagtacat gtttgaaatt atttttcaga ctgaagaata 51863214

gagaagtaat taacaatcct ttgtgggtac aagtcatatc ccctctactt 51863164

cctaggtata tttctttgca caagttactt taccgctttt tgtttcagtt 51863114

ctttcatcac taaaatgggt ataatggtat ttatccctca gggtcattgc 51863064

ttgacatgta gtaggtactc tttaaagaat atctatttta catttgtgat 51863014

ttacaaaaca acgcataggc ataatactaa ttgaataggt tactgcagaa 51862964

ttttttgttt ctgagaaaca aatgcctggc aagggaatta ggtaatgtaa 51862914

cttaatccaa ttcctgaaaa atagggaata atttgtaata atcatatgac 51862864

gttgtactga cccagcaaaa cctcccaggt ggttgtagaa cctcaggtca 51862814

ttcagggcgt tgactttgat tcatcgtgcc ccagtacctt ctgtttcttc 51862764

cttcccacct ctcctggaaa ataaaaggtt agtgttcttg ttgatcacct 51862714

tgattcttag atcttgctta atatcctctc ctgtagtgct tgcgttcagt 51862664

ttttacctat gtaaccactc ttaaggtgtc agtgttcaaa gtacgagtca 51862614

ccccctgcct ctgtgaatgc aaaaataaag aagagttcaa atggaaattt 51862564

tggcctacct tttcctctaa taatcgcttg actttccttc ctagggataa 51862514

ataggcatgg catcactaat ggtatctttt cagtccttaa aaaacaaccc 51862464

tgtgagacaa gaaaattcaa agatgtatta tcttttcttg gcagcaaagg 51862414

ttacagaatt aaagtagaaa aagatctaaa aatcacaatg gaccccaaac 51862364

tgaggaatat catcaacaat attacatggt tattaagttt tatgaataat 51862314

aaaaggttgc agtggtatgc tggtaaatgt ttaacaacta gctctccaga 51862264

ataaaaagct ctggtttatt tcatttgcct aattctatag tgaaaatact 51862214

ctcacatgcc ttattttaag cttccaacct aaaagcactg aacatatagt 51862164

tgggaagaag ggtcaatgat gggcttctgc cagccagtgt cagtcatccc 51862114

catcacagct ctggtatgca tatatatggg aggacaagct tcttagtcta 51862064

acttcctacc tgctggataa aatatttttc aatatccctg acaagcagtt 51862014

gtccacctgt ctaccttctg gttgcatagc ttcaataaca gtgttctcgt 51861964

gttctcaaat agccattcca attggactca gcagatcaaa agtagagatg 51861914

caatggtata tggtcaccta aagtaggata atggacatct attgcttttc 51861864

ttcatatatt aagatagaat gggcaaaaag tattgtccta atataacagc 51861814

agataactat gttgcaaaaa ctgtagatac ttccttagag gagaaatatt 51861764

taagtgtttc tgaatccata aggctgtgga tggaaaaact taatgataca 51861714

atgataatga aatattacgg aatggtggca ggtgttagca gatagaatag 51861664

tggtgctgtg acaaggattg ttatgagcat ggtgtatttt taaaggatgc 51861614

tcatgcaaaa ccatgccaca gaaatttgtt ggctgtgccc acagttttga 51861564

tttttcttcc cctttgtgca gtaaaagatg agagtgacat caacaagcac 51861514

aaatactcag aagatgtttg caacacaatt tgaggttagg tattgtggtg 51861464

tgtctggctt aggagatgga taattacaga ggatttattt cacaactgtt 51861414

ccaaatcaag agcatttaga gctctgtgca atgcttgtct ttaatacaca 51861364

gatatggacc ctcaggaaaa gtaagctaat ggtaaacaaa aaccagggag 51861314

ttaatatctg ctctcattgg tattattgat tgcctaacaa atcctttgtg 51861264

ggattcaaca gttctttaca gtacatgggc actaagttac ataactcttt 51861214

aagtaactag tatggtaaat tggtactttg accaggaagt tttaccaagt 51861164

gatagtgtta tatttctaat ggaacatttc cctgaattaa aaacaggttt 51861114

gggccaggca tggtggctca cgcctgtaat ctcagcactt tgggaggctg 51861064

aggcgggtgg atcacctgag gtcaggagtt cgagaccagc ctggccaaca 51861014

tggtgaaacc ccatctgtac taaaaatata aaaaattagc tgggtgtggt 51860964

ggtgggtgcc tgtaatccca gctactcagg agtctgaggc aggagaattg 51860914

cttgaacctg agaggcagag gttgcagtga gccgagatca tgccactgtg 51860864

ctccagcctg ggcaacaaga gtgaaactcc atctcaaata ataataataa 51860814

taaaataaaa aataaaataa aaaagaacaa acattaagac agcccacaga 51860764

aaagaaaaac aacatgtaag gcttatagcc cttttgtctt tttgatcata 51860714

gacaggagga gctgttgctg atgcagaggt aagggttaac atttaaaatg 51860664

gactggttgc ctcctgattt cttgcacata aagccatgag aagttcaggg 51860614

agagacttct tcccctagta atgaagctct ctactgctaa tggcccatgc 51860564

agactccctt ggctcctcca aattagaaat acttttgtgc tcctttgctt 51860514

cattaacagt aaagagtggg agattggtgg ctatttaggg catggggaaa 51860464

ttggtggcta tttagggcaa gtgaaaattg tagtaattat tgttggtaag 51860414

ttctcttcat ggtgtttttt ggactcttga tgttcttttg gtgcttttca 51860364

gaagacccct ccatggtcaa ttctggcatt tggcctagga ggacaggaga 51860314

tgacctgact gaatttttgg cccctggtga tggtcagtac aagccatctt 51860264

gcctgatggg agatgggtct tttgcttttt gagttgcttt tcagagtgga 51860214

aagcatatct gaatgcttac catatgaccc tctctcctat cagctgtgat 51860164

aaaagtgtag tatatatgat aacctccttc tctacctgta ttgcactaca 51860114

gaaagctggt gctgcacatg agtgcctatg aaattgcatc cctaataaac 51860064

cttggttgag atgggtgagg ggagcttgat agactcaagg ctctgagaga 51860014

atgagcagtg catgaaggag aaataagaaa gtaatttagg atcacagtgt 51859964

gctatggtat gtctctggtt ggccaaggag tttgcatcag attattggat 51859914

tctgactaga aggagaagaa cctcaaaagg aaggtgcaat gtttccaaag 51859864

acaaatagaa ccaaattatt gctagcattt agcagtttga cactatttga 51859814

agagggacca catttgtatg ggccttcaga aactggggag attatctgaa 51859764

aaatgcttcc ttcaataatt gaaattgtaa tctacagaaa ctgagtcagg 51859714

ggaaataaca tcctaaaaat tggtctgtaa atgtggtgtt aattgaaatt 51859664

tgacgagcaa ttaagtccag ttaaggtgac caggggaatt cttgggacca 51859614

cattgctgga attaaaaaat atttctggaa atatctaccc aattgattat 51859564

actatcacat attgaggtaa tttttttttt ttttttttgg gacggaatct 51859514

cgctctgttg cccaggctgg agtgcagtgg cgcgatttct gctcactaca 51859464

ggctctgcct cccaggttca cgccattctc ctgcctcagc ctcccgagta 51859414

gctgggacta caggcgcatg ctgccacgcc cagctaattt tttgtatttt 51859364

tagtacagac ggggtttcac cgtgttagcc aggatggtct cgatctcctg 51859314

atctcatgat ccacccgcct cggcgtccca aagtgctggg attacaggca 51859264

taagccaccg ctcccggccg aggtaatttt ttttaatgat caacgtggta 51859214

tgcatgagaa gataggtgag gcaggaggaa ttaaatgtga acagatggat 51859164

gcttttgaac agagatcttc ttttggtttg tagttaaaac tatttttaaa 51859114

aagtggttta attgacagca cttgactagg attgcagaaa tatgagtttt 51859064

caaggaaatc atagcatttt cctagaccag agaccattat tagtgcacat 51859014

tgcttgtgtg tgcctaggag aggttttctg accactgact atgtttgtcc 51858964

tcttggcaaa tatcctactg atatggggtt gattgtatca agctctaata 51858914

acttaggatc acccaactgc tgatttcttt tgaaaataag tttgcaggaa 51858864

atctcttgac cctcatgtga tttttctagg tagacttcca agttggggag 51858814

aaatgttact gcataaccag ctggagtgtt ctgatgcata taacacttgt 51858764

ttattcagtc agaaaatatt tgttaaactc ccactatatg aaaggcactt 51858714

ttatttctta tggtcaatca ttaactaaaa attctgattt atcaattagt 51858664

ctctcttgga tttaggtctt gtgatttaaa taaatcacaa gatttattta 51858614

aataaatcca agcccatatg tctcagtaaa aactggaagg atatactttt 51858564

ggaacctgaa acacttataa tcattccctg tacttgagga aatttagata 51858514

tttctagtgt gttttattta ctgaccacag tacctactgt agccaatttt 51858464

gacatttctt agttcgaact tacctcttat catgtttgtt ttacacttat 51858414

gtccccaaag cttattttta tttgctaaat atagttgggc caaattgttc 51858364

ctggaaaata tcctgggatt atgggactca tggtttccat caggggaaga 51858314

gagagccatg atgactgagc gcaaatggct agaaattcta agaagggaaa 51858264

tttaacattc taaagctttt ctaaagatta caatttaaaa ctaaatccca 51858214

tatatggaat gttttctatt cgaagatgta aacaccccat aactgaaaga 51858164

aggggaggga tgaaatatgg tgggaattcc tgcactgaat tggaaattag 51858114

aacagatgat ctttgtgttc attctgattc taagaatata ggttgagaat 51858064

tgtccattag ttccaattta aatcctgaag gggtgggtgg ggaagggtgg 51858014

acaacaaacc taagtatcta aaacccaaag aaaggaagac attttcccct 51857964

cctcacaaga tttctaaagg ttcagttaat gctgcatagg gaaatctgaa 51857914

aaaagaatag ttctttcatt cccaaatgcc ctgagcattt ttcatccctt 51857864

tcatttcatt agttcatgga tgaaacaaat acatttaatc ttgcaagaaa 51857814

tatgtgtcaa gtgctacatt gccagggtca atgatctgta ccatggaagg 51857764

gtttttggta tgtttttaaa tgaccgaata tcctgaataa acctctaggc 51857714

attcaaataa gtagtgcaga atggtaaatc tggcatattt gaggttctta 51857664

aatgagacct aagtagatgt tattggcctt ggtgagtgct ttatgtagat 51857614

tatctttatg tttcatagta cctatatgag atctattcta ttgttgcctc 51857564

cattttaaaa agaaatgaat ctaaaggtta aataggtgct gaaatttgcc 51857514

caggtttaca cacctactga gtgccaatct agatttcagt tgttacccat 51857464

ttgttccagt gcccaagtgt gcaacactta aaaaagttcc tttttgaatt 51857414

attccacggg cttataaatt ggctttagat atactcatgc cccatctcac 51857364

tgtgaaaacc caatgtcctc ttttgactca tttcccttac tttgagaatt 51857314

taattatctg cctgcggcaa aatgccacag ttaaagattc tcatgaaaac 51857264

taaaccaaag gaggaagaac agtcataatg tgtattgatt tttttttttt 51857214

ttggattttg ctttatttct ttaggtccac tttcactctc ttttaggggt 51857164

ctaatcattg gctaaatcta cttatgcttt aatgaagtct taaaaatcat 51857114

tttctgggat ggctgtatag aataagttgg gtaactggat tcacaaattt 51857064

cgagttctac tttgtgatac tcacatattg cttttgctct accctgcctc 51857014

agtctcctca tttggtaaaa tgcagttctt ctgaacgttt ttatacgttc 51856964

tatatataga actttatata cattagaaaa tgtcactggc tgcttttgga 51856914

agatctcatc tatgcattgt tcattcatat aacaaacatg atttgggtgc 51856864

cactgtgtgc tgggccctgt gccagggcag aggataccaa taagaaaggg 51856814

gaaaacacct ctaacttagg gatcttataa tctatgtttt taaaaaggca 51856764

aagccaagaa cacataggta ctgtaatagc agtgagtact aggcattaca 51856714

caagactgca ggagaggagc aggttacctc atcattctag agaaggatgc 51856664

tgaagccact cctgctgggc attttgagca ggacttctga gagtctcagc 51856614

acctaggcat gtcaggtccc aggcctctgt caattgttcc tcatgtgaat 51856564

atccaattac caataataat gttttttgct gttgataaat ctggtccaag 51856514

gcaaaattct ggccatagac atttctttgt taaaatcata gtatatagtc 51856464

ttggttcata caaaatcatt aatgtgacat ttattagtgg tggaggttgc 51856414

agtgagctga gactgcgcat tgcactccag catgggcaac aagagcgaaa 51856364

ctccgtctca aggagaaaaa caaaaaacaa acaaaataaa aaacctgaga 51856314

gtcaccacct ccagttcacc aggacattgt aatttgcaaa tgatccaatg 51856264

gcaacttccc actgggttgt tttcactcac acagtgactg ctaaaacctc 51856214

cctagacata caactaaaga gggcctaaga catatgtgga gagaatggaa 51856164

agatgattgc aattgatgaa agaggaatgt attggattca gaatgagcaa 51856114

ataatctctc aacccatttt ttttcctttt aaaatcacct tagAGCGAAT 51856064

ACTCCTGAAG TTTCTTATGA TTTAACCATG ACTGACAGCA GAAATAAAAC 51856014

AACCACTGTC AATTATGTAC GTGATACATT GTCTAACCCT CGTGGCTGGA 51855964

TGGCTCTGCT CTTGGACCAA GAGACCTACT CATTGCAATC TGAGAACCTT 51855914

TGGATCAACA GATCTCTGCA Ggtaacccaa ggaatccatt agttggtatg 51855864

ctgcattctc atttgttctt atctttcttt gtttgagata atgggttgaa 51855814

agaggagcag gttatctcgt tattgaaagt cttggcatat tctgatgcag 51855764

ataaagaaaa cttcaatagt attttggcca gatgaatata agctaaatat 51855714

gagatttggt tgctttttaa acttgaaaat tttagaatct atttatgtgt 51855664

tattgtgaat gcagaatggt tacgcctgaa aatttaaatt tattaataca 51855614

atgagaaaca acctctacac atcttatagc attgcatttc tttaaaactt 51855564

attggtcaat agccaattta ccctagagag aagtgtttgt agccagagaa 51855514

aatgccttac caaagcattt atacattgca tactgccacc ttgtggtcaa 51855464

agattaactt gccaatcgaa gtctgtatga gtccccaggc tggattgggt 51855414

taagggagac aaataagagc agtgaagata gaaatggccg tgtggcaaga 51855364

tggcttacta gaaacagaga cgttcggagg ctaccatcga aaaaacaaaa 51855314

caaaaacata ataagcatgt gaagccttca tcggcaacca aggtatccag 51855264

gttctcttat caaaattgac tagaaggctg gcgtgaccca cggagagaag 51855214

gaagagcagt gtggtgcggt ggcccacctg agagccacac ggggaaaagg 51855164

aactccgttc cccacagcca agggaggcgg tgagtgagcc gctacccagc 51855114

cggggaaact gctttttcca cggaattgtg caacccatgg gtcggaagat 51855064

cccactcgcg aacccacacc accacccggg cctagagccc taagcagatt 51855014

cttacagcct ctcagctgga atctgcttaa gcctaccaaa ctcccgcggg 51854964

gaggggcgac cagcactggc tgcagctgcc tgctgtctaa gccatttgag 51854914

ctcccagttt ggagctcagg agaggcagca gccagcactg ggacttgcaa 51854864

ctgcctaaca tgctaagctc tgtggatggg ggaaaggcag cacccatttc 51854814

tatagctcta ggctgcgttt tttccctgtt ggagccaggg aggctggatg 51854764

gctttgtccc aagacttgtc cccacagccc aacataccag ctgtggctgt 51854714

ctgcagccag agtgcctctt tgggcctaac tctgacccat ccttcctcag 51854664

tgggcaggca gggcttcccc gcaggatctc caataactcc agccagaggc 51854614

tccgggacag aattcatatc tccctgggtc tgagccccag ggggagtggg 51854564

tagctgcagt ctccgtggac cagcagactt ggcctgtcct cctgatagtt 51854514

ctgaggaatc ccggcagccc agacgagtgg gtttcccccc agtgaaacac 51854464

accctctcca ccaagggaca aagtgctttg ttgaacgggt cctgctcctc 51854414

atgccaccaa actgggtgag atcctccaac agaggttgtc agacacccta 51854364

tacaggagcg atcctactgg catcaggttg gtgcccctcg aggtcagagg 51854314

tcccagaagg aacagacacc catctttgct gcactcctgt ctccttgagt 51854264

gacatctcca ggcatgggag caaatcagat gaatagggcc tgaagtgaac 51854214

ccccagcaaa ctgcagcagc ccaacagaag agggacccga aagaaaaaca 51854164

aacaagcaga aagcgacaac aacagcatca acaacaacaa aaacaacaaa 51854114

aaggccccca caaaaatcct atccaagggt caacagcctc aaagaccaaa 51854064

actagacaag ctcaaaagga tgaaaaagaa tcaacgagaa aatgctgaaa 51854014

accaaaaagg ccagagtgcc tcttctcctc caaatgatca caacatttct 51853964

ccatcaaggg cacagaactg gatggaggat caaatggatg aattgagaga 51853914

cgtaggcttc agaagatggg taataaaaaa ctacaatgag tgaaaggagc 51853864

atgctctaac ctaatgcaaa gaggctaaga accttgataa aaagttagag 51853814

gaattgctaa ctagaatatc cagtttagag aggaatataa acgacctgat 51853764

ggagccaaaa aacacagcat gagaattttg tgaagcacac acaagtatca 51853714

acagccgaat tgaccaagta aaagaaagga tatcagagtt tgaagaccac 51853664

ctcactgaaa taagacatgc acacaagaaa aaagaatgta aaggaatgaa 51853614

caaggtctcc aagaaatatg ggatttcata aaaagactga acctatgatt 51853564

gattggagta ccagaaggag acagggagaa tggaaaaaag ctggaaaaca 51853514

cacttcagga tattattcag gagaagttcc ccaacctagc aagacaggcc 51853464

aacatgcaaa ttcaggaaat gcagagaaca ccattaagac actctatgag 51853414

aagaccaacc ccaactccat gagaagacca acatataatt atcagattgt 51853364

ccaaggtcaa aatgaaggaa aaactgttaa aggcagccag agataaaggc 51853314

caggtcacct acaaagggaa gcccatcaga ctaacagcag acttctcagg 51853264

agaaactcta taagccagtg gagattggaa gccaatattc aacattctta 51853214

aagaaaagaa ttttcaaccc agaatttcat atccagccaa actaagtttc 51853164

ataagcaaaa gaaaaataaa atcttttcca gataagcaaa tcctgaggga 51853114

tttcgttacc accagacctg ccctgcaaga gctgaaagaa gcactaaata 51853064

tggaaaggaa aaaccggtac cagccactat aaaaacacac caaaatataa 51853014

agaccaatga cactacaaag aaactgcatt gactagtgtg caaaataact 51852964

aaattatatc aagatgacag gatcaaattc acacataaca atactaacct 51852914

taaatgtaaa tgggctaaat gccccaatta aaagacacag attggcaaat 51852864

tggataagga gtcaggcacc catcagtgtg ctgtattcag gagacccatc 51852814

ttatgtgcaa agacacacac aggctcaaaa taaagggatg gaggaaaact 51852764

taccaagcaa atggaaagaa aaaaaaaaaa acagggtttg caatcctagt 51852714

ctctgataaa acaaacttta aaccaacaat gatcaaaaaa gacaaagaag 51852664

ggtattacat aatggtaaag ggaacaatgc aacaagaaaa gaaacgctaa 51852614

ctatctaaat atacatgccc ccaatacagg agcacccaga ttgataaaac 51852564

aagttcttag agacctacaa agagacttag actcccacac aataatagtg 51852514

ggagacttta ataccccact gtcagtatta gacagatcaa tgagacagaa 51852464

aattaacaag gatatgcagg acttgaactc agctctggat cgagtggacc 51852414

tagtagacgt ctgcagaact ctctatccca aatcaacaga atatacattc 51852364

ttctcagagc cacatggcac ttaatctaaa atcgaccaca taattggaag 51852314

taaaacactc ctcagcaaat gcaaaataac tgaaataata acaaacagtc 51852264

tctcagacca cagtacaatc aaattataac tcaggattaa gaaactcact 51852214

caaaaccaca aaatttcatg gaaattgaac aatctgctcc tgaatgactc 51852164

ctgggtaaat aatgaaatta agacagaaag aagttctttg aaaccaatca 51852114

gaacaaagag aaaatgtatc agaatctctg ggacacagct aaagtagtgt 51852064

taagagggaa atttatagca ctaaatgccc acatcagaaa gctagaaaga 51852014

tctcaaatcg ataccctaac atcacaatta aaagagctag agagtcaaga 51851964

gcaaacaaat ccaaaagcca gcagaagaca agaaataact aagatcggag 51851914

aagaattgaa ggagttatag acacaaaaaa ccctccaaaa aaatcaacga 51851864

atccaggagc tggttttttg aaaaaattaa caaaatagat agaccgctag 51851814

ctagattaac aaagaagaga aaagagtcaa atagaaacaa taaaaaatga 51851764

taaaagggat atcaccactg accccacaga aatacaaact accatcagag 51851714

aatactataa acatgtctat gcaaataaac tagaaaatct aggagaaatg 51851664

gataaattcc tggatgcata caccctacca agactaatcc aggaagaagc 51851614

tgaatcccta aatagaccaa taacaagcct tgaaattgag gcagtaatta 51851564

atagcctaat taatagccta caaccaaaaa aagcccagga ctagatggat 51851514

tcacagctga attctaccag aggtacaaag aggaactggt accattcctt 51851464

ctgaaactat tccaaacaat tgaaaaggag ggactcctcc ttaactcatt 51851414

ttatgaagcc agcatcattc tgataccaaa actgggaaga gacacaatga 51851364

aaaaagaaaa tttcaggcca atatccctga tgaacatcaa tgtgaaaatc 51851314

ctcaataaaa tactggcaaa ccaaatccag caacacatca aaaaacttat 51851264

ccaccattat caagtcggct tcatccctgg gatgcaaggc tggttcaaca 51851214

tacacaaatc aataaacata atccgtcaca taaacagaac caaagacaaa 51851164

aaccacttga tttttttcaa tagatgcaga aagggccttt gataaaattc 51851114

aacatccctt catgttaaaa gctctcagta agctaggtat tgatggaaca 51851064

tatctcaaaa taataacagc tatttatgac caacccacaa caaatgtcat 51851014

attgaatggg ccaaagctag aagcattccc tttgaaaacc agcacaagac 51850964

aaggatgccc tgtctcacca gtcttattca acatagtatt ggaagttctg 51850914

gccgggtaat caggcaagag aaagaaataa agggcattga aataggaaga 51850864

gaggaagtca agttgtctct ctttgcagat gacatgattt tatacttaga 51850814

aaaccccatc atctcagtca aaaaatttct tgaactgata agcaacttca 51850764

gcttcaaagt ctcaggatac aaaatgaatg ttcaaaaatc acaagcattc 51850714

ctttacacca acaataggca agcagagagc caaatcatga atgaactcct 51850664

attcacaatt gctacaaaga gaataaaata cctacgtata cagctaacaa 51850614

gcagtgcgaa ggacctcttc aaggagaact acaaaccact gctcaaggaa 51850564

ataagagagg acacaaacaa atggaaagac attccacgct catggatagg 51850514

aagaatcaat gtcgtgaaaa tggctatact gcccaaagta atttatagat 51850464

tcaatgctat tcccatcaaa ctaccactga cattcttcac agaattagaa 51850414

aaaaacattt taaatttcac atggaatcga agaagaccct gtatagccaa 51850364

gacaatccta agcaaaagaa caaagctgga ggcatcacac tacctgactt 51850314

caaagtatac tgcaagtcta cagtaaccaa aacagcatgg tactggtacc 51850264

aaaacagaca tatagaccga tggagcagaa cagagacttc agaaataaca 51850214

ccacacattt acaaccatca gatcgttgac aaacctcata aaaacaagca 51850164

atggggaaag gatctcttat tcagtaaatg gtgctgggaa aactgggtag 51850114

ccatatgcag aaaactgaaa ctgaacctct tccttacacg ttatacaaaa 51850064

attaactcaa gatggattaa agacttacat gaaaaactca aaaccataaa 51850014

aaccctagaa gaaaacctag gcaataccat ccaggacata ggcataggca 51849964

aagacttcat gacgaaaatg ccaaaagcaa ttgcaacaaa agcaaaaatt 51849914

gacaaatggg atctaattaa actaaagagc ttctgcacag caaaagaaac 51849864

tatcatcaga gtgaacaagc aacctacaga atgggagaat atttctgcaa 51849814

tctacccatc tgacagaagt ctaatatcca gaatttacaa ggaacttaaa 51849764

catatttaca agaaaaagac aaacaacccc atcaaaaagt gggcaaagga 51849714

tatgaacaga catttctcaa aagaagacat ttacgcggcc aacaaacatg 51849664

aaaaaaagct caacatcatt gatcatcaga gaaatgcaca tcaaaaccgc 51849614

tatgagatac catctcatgc cagtcagaat ggcaattatt aaaaagtcag 51849564

gaaacaatga aagctggtga ggctgtggag aaacaggaac gcttttacac 51849514

tgttggtggg aatgtaaatt agttcaacca ttgtggaaga cagtatggca 51849464

attcctcaag gacctagaac cagaaatacc atttgaccca gcaatcccat 51849414

tgcagggtat gtacccaaag gattataaat tattctactg taaagacaca 51849364

tgcacatgta tgtttattgc cacactattt acaatagcaa agacatggaa 51849314

aatgcccatc aatgatagac tggataaaga aaatgtggta catacacatc 51849264

atggaatact atgcagccat aaaaaggaat gagatcatgt ccttttcagg 51849214

gacatggatg aagctagaag ccatcatcgt tagcaaacta acacaggaat 51849164

agaaaaccaa acactgcatg ttctcactca taagtgggag ttgaacattg 51849114

agaacacatg gacatggaga ggggaacaac actcaccagg gcctgtttgg 51849064

gggtaggagg tgaggggagg gaacttagag gatgggtcaa taggtgcagc 51849014

aaaccaccat ggcacacgta tacctgtgta acaaacctgc acgttctgca 51848964

cctgtatcct gttttttttt ttttcagaag aaataaaaaa aaaaactaaa 51848914

aaaaaaaaaa tggccatgag gaaagtgggt acatttttcc atatttttaa 51848864

acagcaatcc agtggaattc cctaagctta ttttcatact tttaacacat 51848814

atatttcttc ctatcttatc atacacattc ttgctaacag tcctgagagc 51848764

ctatcttagg gagacagaag ccctgccatg gtcatgagga attcagaaca 51848714

gaatcacttt tgatcttctc tccatggctt tcagaaagga tgtacgcctc 51848664

tcttttcttg ccttgagatt cccgtgagag cactctggag aattttcatg 51848614

cagtgaaaac agtagggtgt gcctctggag gtggataccc taggtttatg 51848564

tcctgacact gcactcttct gctttgtgat atggggcaag ctactgaacc 51848514

tctgcctgcc tcagtttcct caatgtaaaa atgggacagt aagagtaaca 51848464

atgacagggg tgcctttcga ggactgaata gtgctgattg catagtaaat 51848414

gctcccacaa tgttagctat tactgtgata aatggatgac atgcctatca 51848364

ttgcctgtcg cttcaagtcg tgggaaaagc tggaaaggaa ttctagacct 51848314

ggccttgtct cttctagctg tttgacctga gacgtgtcaa ttcatatgtc 51848264

tgggccttgg ctttctcctc tggtaattga gattgttaaa cgagatgaac 51848214

cttatggcat ctttcagtct tcatagtctg attttgtagc tctagttatg 51848164

aattttttat gaagtagatt taagtattcc catttcccac aagaaaagta 51848114

caatctgggt ctaaattgta tgatttctaa actactccat ctgcgttctc 51848064

tgtagttgtt ttggcagggt ggtgtggtgg agtaggtgga atgatggggt 51848014

tccttactaa atgagcacta ttgtgttttt ctttcacttc aagTACTCAG 51847964

CAACCTTTGA CAACTTTGCT CCTGGTAATT ACCTACTGCT GGTGCACACA 51847914

GATTTGCCGC CTTACCCTGA CATCCTCCTA AGATGTGGGA GTCGAGTGGG 51847864

TCTGTCTTTT CCATTTCTTC CATCACCAGG TCAGAACCAA GGCTGTGACT 51847814

GGTTCTTCAA TAGCCAGCTG AGGCAACTCA CCTATCTGGg taagtatcca 51847764

attggatgaa tgttttgaga gcacatagtc agaaatcacc aatcaccctt 51847714

caattccaga catttgtgct gtgaagtgct gaggaactga aagggacagc 51847664

tgtgtgttat ggttgagtga atgttccctg aagtctgatt gcctgggttt 51847614

aaatcccagc tccaacactc accagctagc atacacagag cctctctaag 51847564

gctcagcctc ctcctctata gagaagtatg accatagggc ctacctcaaa 51847514

ggataggaaa ttaaataaag aataacatgt aaaactcttg agcagaaggc 51847464

ctagcccaca aaaaatgctt actagacatt ggtagttagt actaataata 51847414

tctttaattc atcttagggc agtgtcatat ttgtttgtag tggaacaact 51847364

gcacatgtaa agatggatgg ctgtgcttta gtctaggagt ttgagaccag 51847314

ccagggcagc aaagtgagac cccatctctc caaaaaaaaa aaaaaaaaaa 51847264

aaatgctggg catggtggca tgtgcctgtg gtcccagcta cttggaaggc 51847214

taaggtggga ggatcagttg aggccaggag tttgatatca gcctagacaa 51847164

cagagtgaga cctaatctct acaaaaaatt aaataaatta gctgggtgtg 51847114

gtggcgcatg cctgtagtct cagttacttg ggaggctgag gtgggaggat 51847064

agcttgagcc caggaagttg agcctgcagt gagccatgag catgccactg 51847014

cacttcaacc tgggcaagag attgagaccc catctcaaaa ataaaaaaaa 51846964

gaaagagaaa aaaatggatg gctgattatg accattggta tgaggaacag 51846914

tagagagtcc aaggtagaga gtaccaatgc agagagaggc tgaattaaga 51846864

cggaagttta tgtagaaggt gagaaggaaa acttctgatg agaatctgag 51846814

gtcaggaaga tgagtagcat ggagggctga tatgagcact aggggtgggc 51846764

tgtgtctgtt ttacgtcaag attaacatga ggttgaagta atcaggaacc 51846714

ctactgtgac tgcagagtca cagaggccaa aggtttttcc ttatcttctt 51846664

actgtgcatg tttctcagga taccagtgtg tcaggaccat ccacttcttt 51846614

tgatttcctg gagtttattt catattcctt ttctatacca tgtcagcatt 51846564

ggtctctctg agcaccatgg tacctgcttg ttccaatcgc agctcactgt 51846514

gaggccactt cttacagtaa aaaggagaat ctggctaaat aggtctcaag 51846464

agtgacaatt ttgttataaa ttgctcttag tagatcctgg tcaaatccag 51846414

gggatcttat tagcataaca agttctagcc cctgccacaa gcccaaggtg 51846364

gccatggatt tagagggcga ggcaatggtc ctgagtccac cctttgcctc 51846314

tttcacttgt gcctaaccat aagtccagtg agtcggacct acaggctagc 51846264

cccagaactg ttaaatttta atagcatcag agagagagtc tggtgctccc 51846214

ttggtctttt tttatgtctt tgccaaaagg attgtcgtat attttatttg 51846164

cactgaatta taccattcaa attttatttc tgatttgatc cattcataaa 51846114

tgtaacctaa aactataaaa acttgagacg gacagagatt cctgagattg 51846064

ttttaccact tcagccgaat acagccataa ataagagtaa atagttacca 51846014

ttaactttat ggctattcac ttgatatgta ttctggaaca aaattttaat 51845964

ctgaattgct ctctttccat tacttagcct gcttctgaag aggctgtctt 51845914

gtccataggt catattctgt tcatgaactg caaaataatc tgaatactca 51845864

aataaactaa acgtaataaa aaccatttat ggtacaaaga aaaaaaatta 51845814

aatcatgcag ctatagattt tcttccctta tgatagcatt attaattgaa 51845764

ttaatagcaa gttatactat tatatataca catatggtat aaatgcacat 51845714

ctgtgtaagt agctgtgtga atgtgcatgt gtgcttatat gtagaggtac 51845664

atctgtatct gtgcatatgt atgatataaa tgaatgtctt agtataaaac 51845614

acttctatta ggtagatagc ctttattaat ttttaaaaat tatttgtatt 51845564

ggaataccct agtatctcct cctttgaata tgagttggaa aaggaataag 51845514

aagtcacaga ggatttgttg aatgtttaac aaacttggag actcttgctt 51845464

cttgaaggga ttccccgtag gatcttttat ggtcattggt gcctccttta 51845414

tcctctgagt gtatggagtg gatagctggc tagagccact tctgttctca 51845364

tttctgggct gtcacagtga tggtatgagg actcagcagg aactgaggct 51845314

caccctgctc ctccatggca gtgcgccatg tagctatact gggttgtgta 51845264

aatttagctg taattttgga tatcatctgt gtaaagttta taagatcttt 51845214

agcaaggtgg tgattaggct tccacgtttt ccatatacct gactgcattt 51845164

cccaatgcca taatggtagt tgctgttgtt ggtacccgag caagagccca 51845114

agaagtagag ttccagttct gtgccatgca ttttatatat tgattagatt 51845064

gtaactttca cttaactgtt tttttcagac cacttgactt tataggacca 51845014

tgactgggat aatttacata aaatacattt aatctatgca gatggtgtaa 51844964

gtcaagacca catagtctat gtggacatat tcctgggatg aaaaacatgg 51844914

gaaatgtgtg tatacagaaa tttattttat tgtagggaag ctgcttgatc 51844864

tctatcatgg ccacggaatt ccatattaga tttttttggg ggtgtggctc 51844814

cttttcttgg ctggcatttc cttcagagtg ctgcttcact gacaactggc 51844764

tgaattttca ttcactggtt gaccacttct aagtgggcca tcttttgtat 51844714

tgttttacca cttcccccag gataggaagt tttagaaaaa tcacaattat 51844664

cttcatttcc tctgtttggc tgctgcatgt gtgatttaag atacctgact 51844614

catcttcaac ccagctgagt ggaaaaaacc tgaacccagg cattctagct 51844564

cctggctgtg gctctctcca ctagagtgtg ctgcccacta aataattgtg 51844514

gatcactgac cagaaaggat ggcgggggtg ctaggcaggg ttgtgggaga 51844464

acccttctca aggattccca gtgacaaaga aaaaaatcat acgcatacaa 51844414

tatgttttga cccttgcatt tttcttttct accaaggcaa gttttgcctt 51844364

tgctcagcaa acatcttcac ggagtgcagt ttttttggaa agctcatggc 51844314

cagtgcttgg ggcttagggt tttaatcagt ggctggctgg ttattttacc 51844264

tggggcattg cattataatt gctccatgcc tcagtggctt tgtttacaca 51844214

gcaaggttaa gaaaatactt acttgtctct tggaattgtg gcacaaaaca 51844164

tccaaatata ttcaagtgtg gttaatgtgc catgttattt caccaacgtt 51844114

ttcctgatag actatttctc tagaagtttt ctttcttttt agaagattaa 51844064

caataccatg tgtcatgagc tcagtgtata tgttataacc tttctgaaag 51844014

ggtctccctc tattttcttt tactagattt ttgtgagata aatgggattc 51843964

accataatat gacatatatg atatattgtt cccgtgattg aaatgtgatg 51843914

ccacttaagc aattgttagc cacagaataa gataacctca ctcatttaaa 51843864

aagatctgtt agggagattg gttcatgttg cctttctaaa gctgctgaga 51843814

attttgccca aggagctact tatgaaacag accacaagtg aagaaccttg 51843764

tgtgcactat tgtttgtgtt aggatgctgc aggagcaata tttgatgtga 51843714

taaacaatta tgaatacgat gaactattat cgtgtatccc aactgtagct 51843664

tctatgccgt gcttgggaat gggtatgact gtagaacaag tgttctttta 51843614

tatttgcaaa gttgggagaa aaatccagca agcccatttt tcccttcatg 51843564

cgatttgatg ccctgactgc tcatgtcttt gccttacaga gccagtttcc 51843514

cactgcctct ttccctgctg tttttttcca aggatgtttc agttcatggt 51843464

gaactatttt tattttttag ttacattaac gctatgaaat aattagtcag 51843414

ctaattaatc tggtttacaa gctttgtagg attcttcagc tgtcagtcag 51843364

gcccaggcct gaggcctaca tcgagtctca gctctcttgc ccatgtgatt 51843314

cctgttgcca tggctactgg ctacatctgc tgacacccca ctctctattt 51843264

attgcttaat taagaatttc acgctcagcc tttatctgcc tctaagaaca 51843214

agcgcacact gttaagaaat tccaaattta ggcccaggca caaggaaagc 51843164

ctttcttatg ggcttggctg tatggagcct ctctaacgat cctctcggca 51843114

tcccagccgc cacccttcaa tcaaaaatca ttaaatgggg cagagataat 51843064

gagcatgtag catatcaaaa gaaggatgtt tgcttggtcc aaaggaggaa 51843014

aagctgcttg gccccacgct cagctccact tcaaagggag atgagacctc 51842964

tcaacactgg ggcctgataa tgcctcattt gttcttggct tgacttatgc 51842914

aaaaggtctg gtatgtcaga gtccagtctc acagacgtgg gtttccccca 51842864

cctcttgcct ccacctccac cagccccctc cctggccttc tgcacactcc 51842814

tgtgtcagca cttaggcagc tgggtccccc aaagcatcag agggagcgta 51842764

taatcactga ctttccactc acaatggcca cttgtagggg ggtggccagg 51842714

aggaggtctt catcacaata ggaacacaat tattgcagct gctagggagg 51842664

gctatgcttc ttcctgtaga aatagaatag gacttgccca aaacaggagg 51842614

agaagattgg agggaggcgg ggggaggttg agaagggtgg agaaaacaat 51842564

cttgagttga ttattcataa tctgactctt ggaagcccga tgcagagtca 51842514

gtggggttcc agcagctgct cgcacacagc cttcttctaa taattgtaca 51842464

ttctgtcagg ggtcaactta cttttgaccc tgtcctttta tattggtaaa 51842414

aggctcttta gggcaaactg ttgggttgtg gcagggtgca ttaaacacag 51842364

ccccttcccc tagcttgatc cccctcccga ccagcagccg gtgataaatt 51842314

catatcagat gctgtgccat tcacagttgc cctcccgagt tcacacagcc 51842264

cccactcatg gagcagagat gcagccgagc tgggacattg tgtgaggcgg 51842214

cagctgagaa ggtctgcctg taaggctgag gctcctgctg caccaccacc 51842164

ttctgatctg actgagaaaa aaaggacatg tctagccagg ctggccaaca 51842114

cttgtgtcca aatgtccgcc tcaccacgaa taaagggcaa gagggctgtg 51842064

catggaaagg cagatggact ttattgtgtg tgccaagttg cctagaagaa 51842014

ctcaggtctg tctcatcaca aagatgggtc agaaaagatg ctgttaattt 51841964

gggagagcct aaaaaatcag gagtgctttc ctgggttgga gcctaggctc 51841914

ctgatcctgt ctaccactgc ccaggtttcc tttcctcaat gcaacaaggg 51841864

ccctggagcc aagcaggctg cttgcataaa tcttctcttc ttcagctggc 51841814

ctagaagact gcctgcaaat cctggaaaat aattccttta ggatctaagg 51841764

aggagagtgg cgtcagctgg ctcctgtgac ctcttgggga agattttgta 51841714

ggcagagcgg aatcagaatc tttttgcaac tctgcagcca ttcccatgct 51841664

gagcccctct aaggcaatcc acagcattct agttaataaa ttaatttaca 51841614

ttcttatgaa aaactcattc ccaaagatcc ccaaggattt ttaccagtat 51841564

gtagagaatt gacttcaggg aactgcacta acctttatgg caaaaatata 51841514

gataacagaa cagaggctgg ggatgtgaaa agggattttg cctcttggtt 51841464

ggaaacaact ccaaaaggaa aaggcaggaa gagaaggaga aaaggaagga 51841414

aaggagagga gaggagagaa gaggagagga ggagaaagga aagggaagga 51841364

aacttagaat caaatacatc ttttaggaat cactcaggtt aaggagttaa 51841314

tgctccgcaa tgctgagttg ctagccttaa ttcacacagg tcataggtgg 51841264

tgcaaccagt attcaaatag cttttctgac tctaggttca gtgctttttc 51841214

tagtatacca tcttttcttt ttttaaatct gagcttatat acctaacctt 51841164

ttaaaccaac tcttcttctt tcaatttata agaaaaaaca atacttagtt 51841114

aacactgtgc ttcctgaact ttagatattt tagtaccatt ttcataattg 51841064

tgtcatatcc ttatacctct tgtctgatta tttacttaat atttttctta 51841014

aatcaatttc tacactgtct tatttttaaa acctaacttt tcttaataat 51840964

atccatgaaa tcatgggttt aatgggttag ttgttttttt ctaaaatact 51840914

ttacaatgta tagatactaa aatgaaactt tttatgcctc taaagtaacc 51840864

attgtgcatt taacatcttg ggaatatgat ttggtctgta agggtttggt 51840814

ataattgata aaaagtacga attgtgaagt aaggatcttt tccatctggg 51840764

tctcgctctt tacttggtaa gaacacctgc tcctgagaac aaacaatatt 51840714

ttaagagtgt agtatgagaa aatttgttta gttccttaca tttgtgtttt 51840664

tttgcctcct gtgtaaacag ctgaaatgct tattcccagg accctcctga 51840614

gagattcagg ctgtgtaggt ctgtggcagg gtctgggaaa tcacaaatac 51840564

ctccacagaa gtatgaaaaa cattgctctg agtcagaata acaattgtta 51840514

ttcttctctg agttaattaa gaaggtttaa ttgagctaac tttcaggatt 51840464

gtggctaatg cagatatatg tgttggtgtc ttgatcaagt tcttttcctt 51840414

ttgtcccccc caaaattcac tgtttcataa gtgaatgata cagggataat 51840364

agaagactca aaggtaatca caggattttc atatactatt tctgtgaacg 51840314

cctttaaagg atcatgtttt atgagggcca agatgccttc cgtggctgcc 51840264

tctgaggctg gaatcagaca ggagtgtggt cctgtaaatc aagctttagc 51840214

tgccaaggac taactgacaa gcaagccttc tctgtggcta agccaaagag 51840164

gtcagcttct gaggaatgag gtcaaattca ctgagcagga caggaggaat 51840114

agaaggagtg tacagatttg tgagtcagga cagggaaaag atgtggaggc 51840064

aacagaggag gtaacagaga ggttgtggag gtaagaggta aaaatgcaga 51840014

gagagccaac agccagcaca agaagacaga gctggggctt gggtccaggg 51839964

caggcagaga cggaaagaga agtcatgagt cagggtggga ctgcatgaca 51839914

tttgcagaca ctgattgcag ttgctgtttt atgttctttc actgtttagt 51839864

cagtggctga cacactagat aaatgtggcc tgagtgagag gtcctaatat 51839814

gtgcataaac taaaacgaca aagtgagaat gagaatatga atgaaagagt 51839764

gaaataggga aggagtctat aacctactaa gattccatgt gttttttatt 51839714

tttaaataaa tgggtgctta tttctccctc taaaatttca agagagaatt 51839664

agacctggtt agggagagaa ttaattaatt tttctgtttc ctagagcctt 51839614

aagtgaggat agagttcttc agacacaaca cattaacctg gtaggacctc 51839564

gtatcacatc tactttagta actctctttt ctcttaccag gagccatttt 51839514

cttagcacat ttcctcttca ccctagatgt ctgtgtttat agcaagttta 51839464

gatcacatag cactcgtcag aaaaagttgg caataattgg cccaaagact 51839414

ttttttttgt ctttttgagc atcagatctt cttacaatct gggaaggatc 51839364

aactacaatg gggctccatt tataaacacg gaagattaac cattctcata 51839314

ttacaaatac aaaatcagaa atcataagca ctgagaaaac atatgtacaa 51839264

tatcacagct tgtgtaaggc ttttaaactc ttcccaagtc aataccttca 51839214

ttctcaaatg attttcatcc ctctttgtat ttattcaaat tggaaatgac 51839164

acttcacatt tacagttctt tgtagagtca acacacttaa caaactttag 51839114

cagatctggt taagttgctt acaactctgt aatactacag ctcatcatga 51839064

ttagatacag ctgtaaaaag agtagaaagt aaaagcatgt ttcttgaacc 51839014

ttgttgactg gcacctggaa tcatgaacat gccataatga cagtattgat 51838964

aatagttaac atttattgtt catgatgtgc caggcactgt gctaagcatg 51838914

ttccatggac tattctatct tttctttcta atagccatat gagatagata 51838864

gtatgattat tcccactttt agatgaaatg aataaggttt agaaatggca 51838814

aataacttgt cagtggccca tgtctaggaa ccagaagagc caggattcag 51838764

attcaggctg ttgggctcca gcacccacat tcttcccacc attcactatt 51838714

gtcatgacca tgaccaggaa atggtgtttg ggaagagata gccctctgtc 51838664

tcatactcat ctgcccccag atgcatgtag atggtggtat aggaaatcag 51838614

acttctaatt tttcctgctt ttgttaactt ttctgtatct gttctgatcc 51838564

tgaaactact tctcttcact gactggcatt cacacactca acgttaatga 51838514

agtgagcaac agattttcaa tatatttttt agttttgcaa tgtctgtttt 51838464

ggtagggagt tctcctggag gtagggacca tttgtgcgtg tgtagaggtt 51838414

taagaaaatc attcaccact cagtccagaa gccattggtg cagtgtagtg 51838364

gaaagagcta cagatacaag attaaaccta ggatttctaa attggcccat 51838314

gaaaatgaag tatctacatt tctagcaata tctggtctca taaggtgcat 51838264

gagaaaaatc tctctctcaa aaatttgaag acaaagctaa ttattgatga 51838214

aatcttaaat tatcagttgg tgcttaataa atatttatta aattgagaac 51838164

aagtttggga tgaatatcac aggatggatt tagaagtact ttagaacttt 51838114

agagaatgca caaatcaacg tgaacagaag tggatgagtt agaccttatt 51838064

ttaaaaaaag gaaatgacac cttgactggt ggctttatta ttagtattaa 51838014

gttagaaaga tgcatgaaat aagcaacagg gtgaaggaac aatttaagca 51837964

aagtcttgga agtggtgata aaggtagaac atgtcaagag catgttgtca 51837914

ttgtaccagg tctcaacatg tggcagtgta aggagaaaga cacaaactca 51837864

tgctttacat ccttagaaaa attttaaaaa gagaaaatga ccaaaataag 51837814

attagagaaa ttgaagaggt ctcatcatgg atctctttgg ggatcatttt 51837764

ctttgtaata ttctgaggct tatattttat ttttattttt cattttttag 51837714

ttttttcaag acagagtctt gctctgtcac ccaggctgga gtgcagtggc 51837664

gtgatcttgg ctcactgcaa cctccacact gcagggttca agcaattctc 51837614

ctgcctcagc ttccctagta gctgggatta taggagtgca ccagtacgca 51837564

tggctagttt ttgtgttttt agtagagatg ggttttacca tgttggccag 51837514

gctggtcttg aactcctgac ctcaagtgat ccacccacct cagcctccca 51837464

aagtgctggg attacaggca tgagccacag cgcctggctg cttatgtttt 51837414

atatttagaa agaatgatcc tgtgtttatt tcatctgatg gaggaaaggg 51837364

tttagggttc caggaaaaca aaagtggaga atgtgaattt ggccgagtcc 51837314

ccaaggctgc agccttcagc aacaaggggt gctccagtgg tggaaggtgt 51837264

ggctcatgtg acaaacaata aggcagaaag gtaattaacc aataagagac 51837214

aaggtgtgac tgaaaaatgg agtttgtgca cctgattact aattaatcag 51837164

gcgtgagagc accttgtaga tgcattcact atttaattat agcagcctct 51837114

cttggcaaag gagcatatgt tcccagctta atctactggt ttatcctgac 51837064

atcaaattgt cattatcaga aagaatcagg ccttttgatt atttccacta 51837014

atttattgaa cgcttaaaat taatgaaccc caggcctttt aaatgtgctc 51836964

agttggcttg gatgatagga ggaggatagg gggtggggaa aaggcttcat 51836914

taaaaggaca atttgtttgg ataaaggtaa ccaaatacat ttcatggatg 51836864

atctgaactc tattggtgaa aaacacatga attctaaaag ctgagcctac 51836814

aaaatgatga agagaaaata ggatatgagg tatatgccct gctggacacc 51836764

attggcttcc ttagaacata tggctaaagg tttcgtttct gtttttgttt 51836714

ctcctaatta tttatgtgcc agttctcctg gagacctcat tgcaattaca 51836664

tttaatcaaa tgaaagcaat caaaatcaaa tgttggaaat caattgttag 51836614

attaactaac aaggatttca tttttctgtt ttgaaaattt aggcaactag 51836564

aatttagcat aaattcttct tttctcacgt gtgactgtct ttaatattaa 51836514

gatgatcttt gtatcacatg caagttgtgg cttttggtat ttagTTTCAG 51836464

GTGAAGGCCA AGTTCAAGTC ATTCTCCGGG TGAAGGAAGG TATGCCCCCA 51836414

ACTATTTCAG gtgagtatta acacacgaag tagaagtgtc tagtatggca 51836364

gaatgtcctc cagtagttct acaaattcca ccttgtcata ctgttaataa 51836314

acaggcaggt atcagtccta aagcttatat gtctgataac tctctattgt 51836264

gttgccctgt aactaaaata tgtatctgca tgtcaaaaaa ggatataaag 51836214

gtggatttat ttttcaaagc aatgaaagta agaattgaaa catgtaaata 51836164

agcacatttc ataaattatg gaccatatgt gcacatagga ctccagatct 51836114

gcagatgggc tattaggccc cctccaaatg gaaagaaaaa ttcagggtat 51836064

ctctaaactt taattgttcc tggtaatttc aggaaatcag ggtaaacaaa 51836014

ccctcctcaa aagtcagatg gttctatgaa atctttctaa ctcaaaaagc 51835964

caaattctca aaaactaaat gtctcctaag caccttctga tgtatttcat 51835914

tgtttgtttt tgtttattct gagtcaattt aactatacat ttgcaagagg 51835864

aataaatctt ttcaaacgca gagatttctt ttaattttca gtggcatttt 51835814

tgtgctatgt cagagcagag cccatgctaa tcagaaaatg atctaattcc 51835764

tctgtttaaa ttaataggta aatgaggtaa gaggactgga ctaaaactat 51835714

aaatgataat cctgaaggtt actactccat gcttattgga ctatgaagaa 51835664

tgtgattcaa gattgttttc agaatgtttt ctgagctgcc accacacttt 51835614

gttttttatg ttccttgtcc ttcatctctc tttgccttta ggtggttcaa 51835564

aatgccttgt ttattgagtg ccttttatgc aaggtgtggg ggataccatg 51835514

atgagcaaga tggaatgaac tttgacttta tggggtctta tgatctcttg 51835464

gggatgtcag tcaaactact aagtaatcaa ttaatacagt tgtttaaaaa 51835414

ttactgttat aaggaaaagg atagttttct cttctttgaa agtttctatg 51835364

ttcaaattct ccaaggagag atttgatttg ctgtgtcagt gcctattctg 51835314

tagaggacac acctgttggg gaagctctca tgccaggccc ccttctgtgg 51835264

atactggacc atctatgaat ggccattctt ggttcaacca tctgtagtca 51835214

gggtggcatg tcactcagca tgtagtatga tgatttctgt actaaggatt 51835164

ctctggaagg aacattcaga gctttttaga aggggtcagt ttaactggag 51835114

atgcttgcat tacaactgtc aattacaact gctgagaaat agaaagccca 51835064

tacttcatag agttgtgggt tttaacaaag gtggagacct tgcaggctat 51835014

cctatccagt tgcctcattt tacaaatggg gatgtgaagc ccagatatta 51834964

aacttagtca tatcagtagt cagtcatatg agcctagata ggaactcaga 51834914

tgtctcaact cagcccagtg ttccttgtgc tatacaatgt agcctctaat 51834864

gtgtttaaat tgccttattg agcatagatt aatttatgag ttatattaaa 51834814

atctagccag ttttcctacc tcatatagtt gggaacagaa aactatttca 51834764

aaacacaaag agttacagat ttagtacaat atccttcatc aggaggaaat 51834714

tttaaataac atactttcaa gacattgcct gattctcatg tatgtagtat 51834664

ctgtgctagt gccaaaattt aaatatggta atgtattttg tttaatgagt 51834614

agctctacgt aaaacagtaa aattattgca atatcgtttt tgccaaaact 51834564

aagaatgaat gaatgaatga gttaacacat ctatctgtgt taactcattc 51834514

attccattgt ttgaatgggt caatccaatg tttgaatgag ttaaccatct 51834464

atctatgtgt taaccgatat gagtatgtaa tatgtacccg tactaagtgc 51834414

acatattgtc catggtcata taagaacatc cagatcatcg ggtattcttt 51834364

tcctaaattt tcccacagac ctaagttttt gtcgctttct ttgatctctg 51834314

agaatcaggc agccctagtc ttgttcaaag ttaactcatc ccttcctgca 51834264

tcttccacac tttcccccat cagcgaacaa ctcattgtct cgtgtagtta 51834214

acctttcttt ccttactggc ttcttctgtt cagtgcctcc catttaaaaa 51834164

caaaacaaat ttgtggatac tgaattttcc tttagcagac agctgtcctg 51834114

caaacttctc aaaagcctag cctcctcttc atgcagagcc atgaaaacct 51834064

gggttgatga agagcaaagg tgtggaggcc aacatttggc tcatgtatta 51834014

gacttgagac tacctaaaat cttaagtgct tgttgaggga caaatttgta 51833964

cagggaagca aggagaggcc tcatcaggag tgttggtcca gaccaaaatt 51833914

catgggctcc agttttgaaa ctagtctaat ttatctaaag cttcagaaga 51833864

cagatcaaag gctgtggttc tcaactctta agactgtcca ttcctcagtg 51833814

agctttttgg atggtctgac ccaacatctt tccttcctta cctccagtgc 51833764

attcctcaat ccactgtaat atggtttctg tctcaaccac tcaactggga 51833714

ccactgtcat ctggatcacc catgccttga ttgctaagtt taacagtgac 51833664

ttctaattct ctctcttacc agaactctac tattaacaag gtcacttgtg 51833614

ctctctggag atgctgtatt acttaggatt ccaagacctt cctctcttct 51833564

gattctccca gtagatctct gactgctgct tctttaactc ttgtaggctt 51833514

ctttttctct ccacaaattt gattgtcaat aatagtcata tagaaccctg 51833464

atattagttg tatagaaatc tgataactct gacaggagac tgaaacatgt 51833414

tttcttatcc cttagtgttc ttatcttaag caggatggta tagaataatt 51833364

aaatttgtac ataataacat tccttcatta gaatagctac cttaaggcct 51833314

aatttgtcca actaaagact gtgtcagccc tcttataagc aagagtaaag 51833264

gtgaaaaaag tacagaatgt ttgtttccat catctgtgat ataaaattgg 51833214

agtaactaaa gattcctgaa gcttggcgtg aggttttaga gaacaatcat 51833164

tgcttgtttg aaatatcact ggaaatgagg catcagagac attttatctg 51833114

gactttgtgg ggcaagctag gggtcaccct gacaaatacc ccttactcta 51833064

cccccagctg agtattttgg gtctaatgtt gggaagcagg caacattggg 51833014

aaaaaactta gaaaggtatt acagtattgg agtttatgaa atatttataa 51832964

agcctcttac tgagtgatgc ttattccaag acattgcctt attcccaagg 51832914

tgtgtggtat attttgtact aattaagttg cctatggttt ttgcttgacc 51832864

acaatctata tacttttagg ttatcctggg tctctaatta aaccatgact 51832814

actgaggaat tgggtctggt agaaaaaata actaagtgtt cctcatgttt 51832764

ctgatatcag gtattttccc ttgtcacctt gaaatcctct ggagctatta 51832714

caaccaccct cagagtttca aatacagctt ctaggccgat gatgccaaat 51832664

tcatctctgg gctcagagct cttcccatct ttccaattca tatttttcca 51832614

ctgcttgctg tatagctcca tctggagacc acagagatac cctgaatgcc 51832564

ctatggcaca aactattcat ccacttctgt cttaatgtgc tggaagtctc 51832514

tggaccctcc acctttatta tctttcatac tctggcctct gtttatttta 51832464

ccaaccttgt cacttacctc tcttctagct ctgtggttca gcaacaccaa 51832414

atttcttatc attcctccac ttgacttccc aatttttgcc tcggctcatg 51832364

ctcatccttc tgtctgcagt gcaaccctct tgtcatacac tcatcacaac 51832314

ctccccttta cctgaataac ttctaaggct ttaaaatgca gctgagttac 51832264

tacttccctc gggaagcttc tcctggcaaa atcttgcttc ctttcgtgat 51832214

caggtaccat taaaaagaac tcccctcagt gcctgtgtag agtttttatc 51832164

ctcctaatac tgatataaca ctatcagctc cttggaggca agggtgacat 51832114

gttatttctt tttgtatccc tactttttaa gggcagttct aatagagaag 51832064

gtgctcacta tttatgttgt aaaattagca aatcatggac atgattccct 51832014

ccctcccctc aaaagaggag gccttttcat tctacccttt tgagacaatc 51831964

tctcttccct tctaactctg taccagtaat cacatcccag gaaagaacaa 51831914

gtagatatgg ttcagcatgg tgttgtgcgt gatgtgctat tggacagtcc 51831864

ccattggaaa ttattagatt tacatttcaa ttatgcgatg agatactagc 51831814

agaatggttg aaaagaaaat gccgtttgac gatcaaaggc agaatcaata 51831764

gaaactggtt ggaaggtatg atctgtctgt aagttaccac cctgagaagt 51831714

ttttagatta ttaccccgcc tttaatgtgt agggagagct gtgggaagaa 51831664

catcaccttt gactcagtca ttccattgag gaatgtattt gaagaagata 51831614

atcagggtta ttgagaaatt tgcatagaga cagttaacac tgcattattt 51831564

acaatttaac agagaataga aagagtctca atgtcagaca ttaggaatta 51831514

attatggatt tttaaaatat gatatgtagc cactaaaatt atgtttacaa 51831464

ggcatttaaa taatattata aaatgcatag gaaaataggc taagctaagc 51831414

aaaagtagaa ctgggtgtaa aaaataagaa caggatttga tataatctca 51831364

attatgtaaa aattctgaga aattctggaa ggaaacagaa ataaaaggta 51831314

gttattgcaa ggtagtgaga ttatgggcaa ttattacctt tcttatttgc 51831264

attttttaaa tatttcatga taagcatgcc atatttatta taaggcaaaa 51831214

cagatgtata ataacaaaag tgggattttt ttcagaagtg aaggtaatct 51831164

aaggattgaa taattacttg ctttttaact gataaatatt tgtacagaaa 51831114

cttataaaat attgataggc agcttctttg ggaggtgaaa ataccactag 51831064

catcctaaaa taaggataga atttggaagt tatcacaatg gattagattt 51831014

tcaaaatttt tttttatttt ctagCTTCTA CCTCTGCCCC TGAATCAGCT 51830964

TTAAAATGGT CCCTCCCTGA AACATGGCAA GGTGTTGAAG AAGGCTGGGG 51830914

AGGATACAAC AATACCATTC CAGGCCCTGG GGATGACGTT CTCATTTTAC 51830864

CCAgtgagta aaactaccca agagatgaat cacagacagg ctgaacccag 51830814

ccagatctga ttatgtttca tttatattgt acaacacagt aaagagtttg 51830764

gaaataagta ggcacttatg ttgtttcatt cttcctcttt ttgggggggt 51830714

taatgtagga gaacaatttc atagaccagt gaaatccccc caaaattaac 51830664

ctagcatatc ttcattaaaa gtggaataag taattgtcat gctgaaagga 51830614

gttaaaataa tccactaact ggttaatttt cttcatgtgt cagagaatgg 51830564

atttacaggt tctagtatcc ttaagtttga aagacacaga gggtatggaa 51830514

gacaacaatt tattaatgca ttctgatggt ttgcctttgg gaattttgaa 51830464

atacaggact gaggaaaaat gacaagctct tcggttgcta tgagttttga 51830414

aaattgccga gaagtaggtt aataaaatag aaaaatacct atctatgtat 51830364

ctattcatct gtttgtctag acctatcttc cagtatacac gttataaaaa 51830314

agatgattcc ttagatatac agaaacacac agccatactt ataaaatctt 51830264

cttatttaaa ggagagtttt caaaagttcc agaatatctc cctagcctga 51830214

gaagaaaatg tttttcatag gacaattata ttttccccca aagacctaat 51830164

tacatttatg gtttaatttg aacctcttaa gataatagtg aataaaagaa 51830114

gatccataat ggaagaacat ttaaccatct gtgaagtaat aataatgata 51830064

atgtcaaaca tttactgaga actaacaatg tgccgggaac tgttttccat 51830014

gtaccaacta atttaatcct cacaataacc ttatgaaata agtaatatta 51829964

ttatccccac ttttacagac agagaaacag aggcccagga caattaagtc 51829914

acttgttcag ggtcccacgg tttgcaattt gcagagtcaa aatttgaacc 51829864

caagcagtct ttcttccagt cctcatcttg aaccaataac gcacattccc 51829814

tttctaaaat gactacgagt aaaataaagg agggtcactg tattgtttgc 51829764

tttatttgtg tggcagaatg aaggaagaat gaaagaagat atactggcca 51829714

ccttcttatc attggtggtg tgtttgtgta actgtgccca gagacacgag 51829664

ggacaggtgt gagtgggctg accagtacaa acgtcaatta ttattatcat 51829614

cccacttccc agtaaaccac ctctctttga tggaggatgt aactttttga 51829564

ataaacaagc tcgtgagtca ttcctatatg aaaaggaaaa atctgttctg 51829514

tctcagccat ctctttgatg aatctagcca gcggattcac cctgggctat 51829464

ggtttttccc actaagcaag ctgcttcccc caccccatgc aggaagcaag 51829414

agaagctttt gaaggttgcc aagcttttag tatcctttgg ggtttttatg 51829364

ccgagcaagg agcaatcttg gccattttgc ttggcactgc agttgactgt 51829314

gtccactgtg tgtcctgggt cccgggatcc ctggctttct ccactattct 51829264

tcattccttt gtctatggtc agctcataag atcataggat gggcctgaat 51829214

tctccgtgaa gctgctctta aatagcacaa atcaatgctg ggtgggggaa 51829164

aggaggtggg gcacaggcat tggatgtaga aaggactttc cagttggcct 51829114

ttcagtgtta ttgtgataat cagaaaagtt aagaatttta aaacatacac 51829064

agttattttt cattatttct agccttcaca tgaaaagaca ggtgagtgaa 51829014

aaacaggtgt gtaatatata aaaaataaaa tccttgctca ttgtccctct 51828964

cctgttgtct aataacccct cttctatctc caaaaaatga tctgtgattg 51828914

atgagcgatt gaattcattg tgccatttgg attggggtct tatgcaggag 51828864

ctgcttggcc ttactcttcc cttctgattt ttgacaggct gatattttga 51828814

cctctgatgg gtctctggat tgaatctacc tttgttttct gcttgtggtt 51828764

ttgtctctct ctgaactctc caccttttcc tggctcccct tgtttctttc 51828714

attcctagcc ttctttaaat caaataaatt tgtccacctg actctggcgc 51828664

aaagtagacg ttcagtaagc atcatttgga tgaagtgcat gaactcattg 51828614

ctcccatcca taattcaata gcagaaataa atctttgtgt ttgacagcat 51828564

tgacacatac cactatagga ttttacagtc tgtggaaaaa aatgtcttct 51828514

cctttgaata gattcctaag aattatgaaa tgatttttac gatgatagta 51828464

atgatggtga tagtagcaac tataacttga gtgcttggtg tgtgacatgc 51828414

accatactaa gtattttaca aggatttttt tttcatataa ttctcactac 51828364

cactctataa gtggattctg ttattatccc tgtttttaca gatgaaaaat 51828314

ctgggatgca gagagggtaa cttgctcaag ttttacccag ccagtaagta 51828264

aagaagcttt gcaggaaatc agagaattta aatcaagagt tctaactctt 51828214

cattgtatct ttcttttttc aaaaaaactt accatcaata cctgctctga 51828164

tatctccaaa ttagactata tattatactg aatttatgcc cctccacatt 51828114

cttctcttac catccgcatt cttaacttga aataaaacaa aaataaaata 51828064

aaaaactatt atttgttgag tatctcctgt atgtcagata cactgcttga 51828014

ggtatttaat cttatcacac atgcttggaa aaactggaga tacttcccaa 51827964

agaggtatgc aatgcaatga accattgcat tagaaccatt ctaatgcaat 51827914

gaaccattag taaaagcatt tgctttgcat ctggtagcag atgtagttgt 51827864

aattcaaatg aacacccctt tccagttcag tttagcaaat atttaccaaa 51827814

cattcactct gttcaaggca cagttccaag cgctcatgat ctgggaaccc 51827764

aaagtcaagt tccatacaac tgtgaccagc cagggatttt gctgggttaa 51827714

taaaacacat aatgcacaat aatacaacaa atagccataa taaatactga 51827664

atgtgtttag aatcatagtg tctctagggt aaaggtggct tcatggaaga 51827614

agaggcattt gaagtgaatt ttgaaagatg aggtaagaat tagaggggca 51827564

gttatgagac acaagggtat attggggatc cttcaggata taggatgagc 51827514

tgtcgactag gataaacctg gggttcacat ttggcttctg acatttacaa 51827464

cggtgtgaca ttggacaagc tgtaaacctt tctgaccttt atttataaca 51827414

ttagggctat aattaatata atgttaagaa agatgaaatg agataacatc 51827364

agtgcacatg accaacgcat agagttttgg cggtaatgga attacagatg 51827314

aaagctgtga tttgtaatgt atcaggtgct cttttccttc atttttccat 51827264

ctggctgccc ctcttggcct ctggtattag caacactttg tatttgcttt 51827214

ccaatggctt attatttaat tttcacaaca tccttgggag ctaaataggt 51827164

aataactatt attacagtaa aaacccattt ttacataata cgattttaat 51827114

ggaactgctg attttacaaa atgaaagtga ctggtaaaaa agatttaagt 51827064

gatacttttg aacctctaat ataattttat ggtgttttgt gtattttaat 51827014

tcattaataa aggaaacgtg tagaacattc ccatcattat tcaaatagaa 51826964

tagcataatt tttcaataaa attcttaggg taaattgcct atttccattt 51826914

tctgggaaat caattttatg gaatgacctc agacccatcc tattccataa 51826864

aaataggact ttactgtact aataaaagac atcactatct taagtatggt 51826814

accattttcc ttcaaggcgt tctatcttta tggacattgg attttgaaag 51826764

aactgtaaat tcttctctgt ggtattatat ggagtaagct gaggtaatca 51826714

ttaagaattt gctcttgtag tttaagttcg tgataacttt gcttcaacaa 51826664

gtaagtgtat ctgactgtct ttgctttcta aatattggaa aaattggcct 51826614

gaatgcattc tcaacttctt aagtagtagg aacaagttct gccttactac 51826564

gcaaatctca aaccttcata aagaatagct ggtcaaatgg caaaagatcc 51826514

ctctagcttc tgctctatgc cttgttctaa actgaccaga gtggatttgt 51826464

gtaagatgcc tccagtgctt tctcaggatt ctgttttgaa gggtgcaaat 51826414

atgatatcat gtagcctcca gcatctttgt gtgtttatgt gtgtggtaga 51826364

attcactgtt acattttgta tattactttg aactgtcctt atttgaagac 51826314

atgaatggga gagtactgtt tttcttttat aatagctctt ctgtttgttc 51826264

tgatttttaa tattcagtac cttaaatgcc agagaagctt atcaaagtcg 51826214

tgtgatgttc aaagatggca atatgtaatg cacctccttg ttaaattgca 51826164

aaagatcata ataggttggt gatatgaagc aagatgatca taaatcagaa 51826114

agtaattttt gaggggagga attctatgaa atcttgtgat tataaaacta 51826064

ttgacttcat tcaccttttt cttatctgag attatatgta attcagtatt 51826014

tcatactgaa ttatagcaga gatgtaggtc tacaacacca attagaaacc 51825964

aaacaaatat tggtgatgtt tctatagctt gtgtagttct caaattttgg 51825914

tcttgtacct tttggatggg acataaaagc agtaaagccc accaccccac 51825864

ttattctgga ttagcaagtg ggaagggaag aaatttgggc ttcagctact 51825814

ggggtccttt ttgtaatgtg tggcatcaga atggtgacaa gtggagtggg 51825764

tgttctgaaa ctgtatcatt acctggcaaa ccacccagaa acctaacagc 51825714

ataaaacaca cattttattt tgcttacaat tttatgggga aaggcgaggc 51825664

cgaggtgttc taatttgggt tcttccatgc attatagtta gatagtggct 51825614

ggactgtggt cattgaaagg ctcaccttgg ctgcctttag atgcctttaa 51825564

gatgggtcat tcatatggct gggccttgat gctggttatt ggctgggagc 51825514

ttaggataat caactaagag gcctcagttc ctctcctcat gggtttatta 51825464

tggggctgct tgggcttcct cacagcatga tggctggatt ccaagaaaga 51825414

atagcctaag aaaggtgttc caaaagtaag tggtccaaga gacctgtgtg 51825364

gaagccacat gccttctaag ctggctctgg caagctcaga atatcatggc 51825314

catcaacttc ttggtcaagc aaggtcctga ggtcagccta gatttaggag 51825264

agaagaatta ggttccacct ctcaatagga ggaatagcta agaatttgca 51825214

gctgtcttta atctacctct gtgtatgtgt ttatgtgtgt aagcatatat 51825164

gcatgtatgt aattaaaagc agatgtacct gacttaattc aaaaagtgct 51825114

ttagagcctg ctaaatttgt gctgtcttcc ctgtctggac agactttatt 51825064

tagactctgt tggcttgcat gaataagaaa ttacagaaca ccaggagaca 51825014

gactattcaa agggttttag tttctttatt ttattttatt tttacctata 51824964

atgcttagtg ttaattacac cacctcttct ctgcctgaaa gtggtatttg 51824914

tcaactctcc aaacataatt gggcccccaa tttggaattg ctcactttgc 51824864

agtgggaatg gacggtagtt gttgaactgc aacttgtggt caaatcttta 51824814

catgtgtgac cagagcctct tcttagaaga gagggatatg gtgggatgag 51824764

gaaagacatg aaggaaacat atttcgagca ttttctttca gggtagacat 51824714

taaagatcca gggagacaac agttgaactt tcctttgacc ttctttagaa 51824664

agtgaatgga aaagctgttc tttaagctac ttttgaccta aaaactttaa 51824614

tcaacattat tttccaataa aaataaataa aaagaaaacc tgaagtcaaa 51824564

gatgaaagga tctttggaaa ctgtctattt ctccttcctt ttaggcaatt 51824514

tcttagagag aatcatagac cttagtgaac cttgctttaa ggatgtcaaa 51824464

gtcgtgtcct caccactgga aggaagaatt tcagactcca cagagcaggt 51824414

gttctcacca acatccccaa gcagtttatc tttgaaatga tgaatgtaaa 51824364

taaacttttc atatatcaaa tcatttaaaa atatactata gaaacttaca 51824314

atttaaagca gtctaagtat aaagtgcttt gctatatgga gtcccttgat 51824264

gaactgatta cctagtaatt tatttgtttt cttttgaggt ggatttactt 51824214

ataaatatta atatatatgt aaattataga cacatagaat tgttgatttg 51824164

gcaggaaatg tagtggcttt ctaatccaac taataataat ctaaataata 51824114

atgtgtttta taaattgtaa aatgctatga catatgttaa gattattgcc 51824064

caaacttata tgatgtttta taccaaagct gagtgaaatt ttagtcccca 51824014

tgcttcaacc cagtgtttta agttgacccc taaaatttat taaagggact 51823964

actattgatt tatttgtttt gttcctaaaa taggattgaa ttttgagaca 51823914

aaacactttg aggctaggga gttccttcta gttgcaatga ccacgattca 51823864

aacggatgct cccaaatgag tagcagcagt cccctaaact ttctaaccaa 51823814

gatctgtgac acagtgcttt tgccagggtg gacaattagg agtgggaatt 51823764

aaaaagaatt tttccctcaa ctatatatgc ttttcttcat aaaaatgaaa 51823714

tttcgattaa aatagcagtg catttttccc tgtgacagaa taaacataaa 51823664

aatataaata tattgaaata ggttgagatt ctttttccaa tcttaatttg 51823614

tccatgtctg cttgaatcag tcatggcatt tgtttctggc taattagaac 51823564

tcacttaggg tctactcttg ggatccaaag tcaggtaggc cttgacactc 51823514

tttatggctt gctaacttgc tggaactaat tcgagtttta ctctaataga 51823464

ggacttttac aaaccttttc ttgttttcac tcacctgaga aacacactca 51823414

ttgtcatggt ccattagcat tagcatcatg gatcatagta attttctagg 51823364

aggggcacac gtccccagga tgtaaagatc atggggtggc ggtaattggc 51823314

aagcatgaag tatataagag actcgggttt tattttggta tgtgctccca 51823264

tctagagaat aactactttt atgatttcaa atactccacc tcagtctccc 51823214

agaggtgtga ccgtattggg caccttctgt tgtagcctga gaggattcta 51823164

gcaggtattc ctgtaaaaca cctatgatgc tttcctttag ttgcaatagg 51823114

tataattttt tttttttttt gctactatag caacttcttt ctcttactta 51823064

acctgtacaa actttcagca gcagtttaca actatttctt aaagaaacta 51823014

tgcattactt tccccaggat ttcaagtata ctttgacctt aacaatacaa 51822964

attacaagct atatagtagc agtaaatgca atgatggctg ctatggaaaa 51822914

atataataag taccataaac ttgatgggaa agcagaattg atagggttaa 51822864

caatttatcg attgtaaaaa aataaagaaa aatgagctga gaagatgacc 51822814

agaacttttg cacacaggtg aatgcctagg ggtaccatca atagaaatag 51822764

aggatgcatg taaaggagta ggtttagcag ggaggataat aaattccatt 51822714

atagtcatat actcaggttc atgtgcagat gcctagatgg taacgggaaa 51822664

tgtggaccag aagattgaaa ggaaggccaa ttgagaatct ggattgcaat 51822614

ttggtaattc tcagaagaat tgactaagga agccttgagt attgaatggg 51822564

ggttaggact catatgagag ctattgcaga gagatataag gattgggtag 51822514

aagtcagcat cttagggcaa tgctaattta agtttcagga agagatatca 51822464

tagaacgagt agtcatgaaa ttagaaccag gacagcagaa ggcaaggcag 51822414

gaaaggagca ataccacgat gatggaggtg gttaacagta aattttccaa 51822364

ggaggacaag gaggatggta atttggaaat tgcttgagaa taaactatat 51822314

cctctgtgca ggctcccact aattaaatgc aaaatctaat gtaacatctc 51822264

ttgcttgttt tatagtttca cacatctgga ttgtatcggt gtcttcaagg 51822214

atacccatat ctttgttaaa attaaaaacc attactgccc atgagcagac 51822164

ttttaaggtg gcagccaggt tgtgtccctg gtcactttct ggttacagta 51822114

ctgcccggtg ttctaaatta ataggctcag gtaataggct cagtcccacc 51822064

aaactggtta atgtgtatag ctcaatcagc ttgatttgga aaatagaata 51822014

ggttatgtca tttaaggaat tactgtcagc caggtggagt ggctcacgcc 51821964

tgtaatccca gcactttggg agtccgaggc aggcggatca cttgaggtca 51821914

ggagtttgag accagcctgg ccaacatggt gaaaccctgt ctctactaaa 51821864

aatacaaaaa ttagcctggt gtggtggtgt gcgcctgtaa tcccagctac 51821814

ttgggaggct gaggcatgag aatcacttga acccaggagg tggagcgctt 51821764

cagcctgggt gacagagcga gactccgtct caaaaaacaa acaaacaaac 51821714

aaacaaaaaa tgaaatcact gaatccctgt catttcctaa aagtagagta 51821664

ttacaaaaac acaacacaat acaaaatata ttttgtttta aaatttagga 51821614

gattatgtat aactcttaga atgagttcaa tcctggaggt aagaattgaa 51821564

gtccatgtta tttaaaacag gcaacattac tctatcagag ctaattggtt 51821514

aattcctttc agttctggaa taccgacagt ggcatccata ggttttaata 51821464

tttatttgga gacataaata tcaggaacta atgtctttaa aatcattggt 51821414

aaagagaatg acctgctacc ctggtttatc caggactgag ggtgtttcct 51821364

gggacatagg actttcagtg ataaaacctg ggaagtctga ggcaaaccag 51821314

aatgattggg tcaccctact aagaaatcac cattaaagtt tgtgccaacc 51821264

ccatattcta tgatttgcac tgcaacaagt ttgctgaggg ttaataaaaa 51821214

tttcccctga ttaaaatgca taaacatatt ttacctagtt ttattgccct 51821164

aagaactttg tctcatggaa ttaatattct ttgaggagtg ttaccaaggc 51821114

ctttcttaca aaagaaggga aactgagtga ttgcatatgt attttacccc 51821064

cctggttggg gttgggaagt acaagccaag caaggagcag ctgcccgtgg 51821014

gagtttttaa tgcagagcag ggcttttttc acgtgttctc attgaattac 51820964

tttttttctc tttatggtct gttttccatg cagatatttt tggaatgtaa 51820914

aattaaataa ttcatgattt cccaatcatt ggtttaggta cagttgccat 51820864

ttcttgagtt gattatactc ccttgaggga gcttttggag tttcctcatg 51820814

tacagaggtt tagagataag aactttgctg aagtgacaag gtctttgtag 51820764

gtacaggcag gccagcaggg gcaggaatgg catagttggc tcattgctga 51820714

cccttaggtt accacactat taagcagctc aagggttctt aacattttat 51820664

atgtcccaga tccctttggc agtctggtaa agcctagacc cattctctaa 51820614

ataatttttt tgatacataa aataaagtag gattataaaa gaaatcagtt 51820564

atattgttat ggttatcaaa atattaaaat aaaatgtgat ataatatgct 51820514

cctctgttag aaggttgagt aacagtacct agcactggtt ctaataggta 51820464

tcgtagtttc aatgtcatta ttgcagaaat tctccaaaaa gggctaccat 51820414

aaattttgtt ccttcctata aatgcttgct gctccttcta tagggacata 51820364

gagcttcctg ccctcccctg gaatctgtgc tggcctttgt gactagatgg 51820314

actgacagac tgtattaata gaataatgtt cttggatttt gaaggctagg 51820264

tcacaagaac ccttgcatta gaagatcctt ttgcctagaa gtctcatttg 51820214

ccattggggt gtttcctttt ggaacacata ccttaggcta tgggaatcta 51820164

aatcatatgg aaaggtcatt tttgtgcact gcttggcagc cccagatgga 51820114

gataagctgt agccaagagc caatctcagc ttccagctat gtaagtgatc 51820064

tatcttggat atccagacca gttgaaccca gtaatgggtc ttggtgagaa 51820014

ttctgatatt ttctttatct gcaagtacgt taaaaatctc ctattttatt 51819964

tttaggtcaa tgttactcag gatttcttat gtttactaaa taatgatact 51819914

tagaagggac attctaacgt tcagttcatt aagagtatat acataggcac 51819864

tggtggagct aatggtccaa atgccatcca agagagctaa aagagattaa 51819814

aacccctcgc aaagccaaaa ttgatttaca tgtattccat cactgctgtt 51819764

tgcataatgt gtgatatgaa aacagagttc agaaatcatg catttattca 51819714

gcaactattt actgggtgca taacttatta tgtgccactt tgcctcatgt 51819664

tggagataaa atgatgagca aaatagttct gagacccacc tggaacatac 51819614

tgcctagctg gggagataga aatgtaattg catgtagtta aaaatgaata 51819564

cgactaacaa atgtgctata ggaaacattc agagagtaat gaaagcatat 51819514

actgtaagac ctggacctgg actggcatag aagtaaattc aattacaatt 51819464

catatttgaa ggctaaaagc aacaatttag atattagcta ttactggtaa 51819414

gaaatttacc caggatttct caaagtgttt cctctgaaac tagctccctg 51819364

taagcatcac atggaaaaaa aagtaagtca aacaaatttg aaaaattttg 51819314

gactaagcac agataaatac ttttttttgt ttctggtctt ttcaaatcct 51819264

tttatatgac aatatgggtt gtataacttt cggaggggga tatagtacca 51819214

gctgttctcc agcatgtttg atcgtgtaac acttttattc acagagcagc 51819164

ttatcatgct gaggattcag ggaaacattt tgagtacaaa gagttctcac 51819114

acctaattta acactcacga ccattctggg agttttgttg tccaggtatt 51819064

aagaattagg ggtttgggta tccaggtatt aggaagatta agtcttctgt 51819014

gaataaaaaa accctgaaaa ttattatttt tattaaaaat tgttattatg 51818964

gtacgaggtt gatagatatg tcagtttaca tctctcttac ataaaaatct 51818914

gttccatggt gtcagggact tggacccctt ctaccttttt gtcctccagt 51818864

gttttttcta tttccaaagt cactcggtgg tccatcaatg tgctggagca 51818814

ccagccattg cagccgcatt ccaggcagca gaaaggagaa aggattcttc 51818764

ttttatttct cacatgacac ttctgtttac atcttaatag tgtaaactta 51818714

gccacgtggc cacttctacc tggaaaggaa gctgggaaat gtagtctttt 51818664

ggctaggtga caaactattc agctaaaaat tggagttctt attactaagg 51818614

gaggataaaa taaatactgg gaagcagcta atggcctcgg ccacattttt 51818564

tgttttcaca ttttacagtt gagggaaatg atcgcaagag ggcatgccca 51818514

agaaagagct cagagataac agagacagta gagtcaaatc taggcctctg 51818464

gattccctga gtctgtctag ttcattacac tgttcctatt taaacatgtg 51818414

ggaggaaata aaacagagcc tttaaaaagc tgtgttatta agggtcatgg 51818364

tgatatacac agatgacacc gttgcaaaat atattttatg gaaaaagtat 51818314

gaatatatgt ttctcagagc atttgcccag atttggaaat tagtggtatt 51818264

tgattaacaa acaattgcaa gcagtaagtg actgcctttt gttttggctg 51818214

cattatccag gccaggattc tgtttgttgg gctgctgtgc actccggggc 51818164

ccgctctgtg tctaatggct tgtccttgct tttcttcatt tgtaacatcg 51818114

gcaatgctct gaaagccctg gatctcgttt gaaaccatct gtttgcctct 51818064

ttatttacat gataacgtaa cctgattgca atttagtgtc tggataaaaa 51818014

acattgctct tacctagatg gtgctgggtt tttgtcaggc ttaatgacaa 51817964

cccatctgac tgcatttttc aggcagcagt agtgtgtgga gagatggtgt 51817914

ctgtatagcc cacgcacgga ggtggtgaat gttctgcact ctgcccaggc 51817864

tgtctgggct gtggtcagca aggggtgcaa atggcaggca cttctctgct 51817814

gtcttccaga atgttattgg caccaatggg gccttctcat ctttgtgctt 51817764

cctgtgtcca gggaagctcc agaagagtag aagttctttg tttatttgtt 51817714

agaggagtga gcgagtgagt gaatgaatgg atggaggcat ggtggattga 51817664

atagagtgct gattaaatcc cagccgctct cattcattca taatcggtga 51817614

acgtgtgttg gatcagcagg aatgattgct gttggcatag tgaggctgaa 51817564

tgccttgggg tgtttgctct ggggacacgg ctgtagtcct gaatcaaaac 51817514

tctgaaactg acacaccagt ccccttccct ctcccctcag tatatcatag 51817464

ggcaggaagt agtgtgtggc agctccttct tcttgagaaa tctaggggga 51817414

tgggtgtcta cagcagagtt tcctcccata ggttgaggta ttgataattc 51817364

caatcttcac cacaatagca tttttttttc ttactaaatc ctgcggaaaa 51817314

gagaagtggg caagatccta tgatgacaca cattttgtga atagggttta 51817264

catttagcaa gatcacctgt agtaaggaaa tagaggcaca taccttatgt 51817214

agagtggttc ccaaattgct gacttctaaa tgctcctaga gaaaaatggg 51817164

aaaaaaaacc cctcaaaaaa caagtctgtc cctaagatcc cagagttctg 51817114

gtaatatggg aaagaacttc tggggccaag gctatcctgg aagccccatg 51817064

actctctctt gctcctcgga taaaacgtcc tgtatctatc cctgccttca 51817014

ccccaggttg cttttcatgt actacaaaga gggtcaagag cttggttcat 51816964

aatttatgtt ttccttcacc ctcacattga ccccagggag tggagggaag 51816914

ggtattttca aagaaaaacc ttaagacaaa ttaaatttaa cagagtttaa 51816864

ttgagcaaag aaccgtttgc aaattgggca gcctcctgag ccacagtagg 51816814

ctcaaagagg ctctcgtgca gccatgtggc agaggattta tggacagaaa 51816764

aaggaaagtg atatacagaa aataggaatg aggtacagaa atggccagat 51816714

tggttacagc ttagcatttg ccttttttgc acacagtttg atcagttggt 51816664

cgcctttgac tggctgaaac tctgtgattg gcacaagagt aggttacagt 51816614

ctgtttacat atctagttag gttacaatta actatatgca gagaagcctt 51816564

taagccagac ttaaaatatg taaggaggca gcttcaggct aaacttcatt 51816514

taacaggtgt cttctcccat ccagctctat tgcctcagct tcttattggc 51816464

tacaaagccc accacaggtg tgttacctca ccactctcct tatctctttt 51816414

cctcttcctt tagttgattt ggtttaatga aaggtgtaca gacatctaca 51816364

tgcaattgca cagagcacag aggcatgggg gtgtagatct gtcttagctg 51816314

tctaagtaag tagggggctt ccaacatagg tttgaatgat gacttactga 51816264

agaacaaata gaaaatgtca aaacctttat ttttccttat ttttattcta 51816214

ttccttgaaa attttctttt tctatgtttt actatgtaga taatatttat 51816164

tacattagta ttgcactaca tatgtgtaat tagcaattta ttaatacatt 51816114

tatgagaaag taaatcatat tgggaatata tggttaaaat tttacccttc 51816064

cagaaaagga atatttggca cttacttgag ttttaatatc atattactgt 51816014

ttatttacta tggcaagcat ccttttttaa agacatatta gtaaaatatg 51815964

tgctatatat gctatacatg atcatatatg tatatggttt cacaaaagat 51815914

ttaacaacca agtggcaaaa tataaagtga gaaattttac ttcaggaacc 51815864

agagctaagg ctgactatga atctgaaata atcttgtttt tttcttattt 51815814

agttggaaat aagttaacct ttacagaaac ctgagaaacc caattttcaa 51815764

aatcagcagg ctttaatttt tctgaggcct tggtcttgga tatcgatgtt 51815714

gcatgatact tgggggcttc ctgaagcttt cagagtcgat ttcaaacgta 51815664

tttgtttgga ctgcagagcc ctttgtgatc tggcctcatc gtctgctgtt 51815614

ctcctgcatg cattgttgtc cagttctact tatctactca ttcttcttgg 51815564

atggaatcga ctatttcttt tccagttatt tttacttgct cttcttacta 51815514

cctgtaactt tttccacttc tcctttcttt ccctttctct ccctccccac 51815464

cctaaacctc tctttcagct tatttatttt tgtcctttaa cactcaactt 51815414

ggtggcacct cttctagaaa gtgtccccga atcctcattt gatttaattc 51815364

tccttccgct gggttcctac aacaccttgg atatatttct gtcatatacc 51815314

cttattctgt aaatattact tacttttatg tcacctcgag aacagaggtt 51815264

atgtcttatt tgacttttta tatctctaat gcaaagcaga ggatttggct 51815214

tatagccaca acaaatgcta gagtaaataa atgaaagagt gagatgcagt 51815164

cactgactag tcagtcccta ctaaagtatt tccaggactt ttggaaactt 51815114

aagggggaga tgtcactgtg tcactgtcat actgagaatc ttggcaaaca 51815064

aagggtggat ggagggtggc cgttccctga gaaccttagc aactgacaaa 51815014

gaggtgctga ttttctctgg aagacctggt ggtctgctgc agaactcaat 51814964

ctgggaatca ttctacatta gcatttattt atttagaatc cctgggccag 51814914

aaatgtactc tctgtgagat gtgcttccct gcaggtaaga agatgcaagg 51814864

agggggtggg ttcgttcctt ttcttgatga agttctctga actctagtat 51814814

tcccagtagg cacctctcat ttcctgtctc ccctggtgag ccggtggcct 51814764

ttcattcaag ctcctccaca cagcttgcct cctccctcct cccacacctt 51814714

ccacctgagc agttgacagg cctcctgtgg ctcagcacct gaggagctga 51814664

tgggcctggt gtggcttgcc aatcaggagt ttagagctct ctggggattt 51814614

actgccttcc aagcctgcag gcctcctgtg gctcagcatc aaggtgcctg 51814564

acacacctcc tgtggtttta gctagtgagc agcttgtgga tcttctgttt 51814514

gctgtgaaat ggtttcagag gttacctttt ctcatttgta tagtgtggat 51814464

gcacctgttt ttgtttgttt tcttttttgg tgaaactata aaagaaagag 51814414

tgtaaatgag taaacattgg tgcaggctta gagctatgac attggctact 51814364

gtgaggaagc ccaagttttg ctgtttgcag tgctaggcct aaatcccagt 51814314

atggtaagga aattatctgt gactgagaga atcgtagagt aactcttctt 51814264

ggctcctagt gtatgtacct ggtatttaat gatatcttgc aagtctgaat 51814214

gaattaaaaa tgtttctaac acttctaaaa ttaacttatt catctgaaag 51814164

ccactgaagg aaggctttaa ggcacagcaa gctggcccct agttcaagtg 51814114

gaacaggaag gaaatggtta aaggattttt aaactgctaa agggggcttt 51814064

tacatttttc tgggaaagca gcagtttgca tggaaatcac agcttttata 51814014

cattaagtat ggttatgagt ctttccctca aagctgtgtg agaaatgtgg 51813964

actttttttt tccctccaaa ggaaatggag aatcaggacc aaagactcat 51813914

gtagctttat gcctaggttt ttcaggtaac aaagagaagg ggaaggctgg 51813864

tttgttctta gaaaatatag tattttatta ataacatagt ttttgccacc 51813814

ccatgcttag tacaagcctc acccagagag gaaaacttta accacaattc 51813764

ttataagctc tactattccg atatcttttc ttttcctatc ctatttctac 51813714

aatctcccat cacagtcaag cccaaatcat attgcgttaa taaggaccat 51813664

accagaattt tagttccaag cactgcactt actttttcaa gatcccaggt 51813614

tacttgaata atagtggtca gaagttaaaa tcagaaggcc acaaaatatt 51813564

accagtaaaa aaaaatgtag gaaatagtag agatattcac atttattttt 51813514

tgagccagaa aaagtaataa gttatataaa tataaggcca tagaaggcta 51813464

tggcatgttg aggaaatatc agatccttca tttaaacaca ggaacagtta 51813414

ttacagagta tggtgataac agtggtagta ctagcaacaa tgtacccgtt 51813364

attataataa catgagttca gttttttaat gttccaggca cagtattaaa 51813314

tatttatttt atctcactaa agctttataa atatggtgtg acattggcac 51813264

catgtttgac acactaagaa atcaaaattg agagcagttc tgttaataaa 51813214

aaggtcaaac tcttcaaaat atttgaagag ttttattttg agctgaatat 51813164

gaggaccatg tcctgtgaca cagcctcagg aggtcctgag aacttgtgct 51813114

caaggtggtt gggttacagc ttgttttttt atgttttagg gagacataag 51813064

acatcaatga atgcatgtca ggtatacatt ggtttgctct ggaaaggtag 51813014

gacaacttga agtgggaagc aggcttacag gtcataggtg gattcaaaga 51812964

ttttctgatt ggcaattggt tgaaagagtt aaattattat ctaaaaacct 51812914

ggaatcaata gaaaggagtg tctgggttaa gataaagggt tgtgcatacc 51812864

aaggttctta ttatgaagat gaagtcttta ggtgactacc cttagaggta 51812814

atagatggca aacatttcct attcagacat ttgaaaggta ctagactctc 51812764

agctaatctc ttcaggatct aaaaaagacc tggagatgga atgcgattct 51812714

ctaaagaata taaatttccc ccataagaga cagctttgca tagccatttc 51812664

aaaatatgac agacaaatat attttgcggt aaaatacttt gatactttca 51812614

ggacctgcta tctgtcatgt gatgctctac tagagttggg ttggaattta 51812564

gtaccttatt gctccaaaat agtctgtttg tcagttttaa tatctctgtt 51812514

ttaatgttaa tgctggtcag ttgtacctaa attccaaagg caggaatgta 51812464

taatgaggta tgtctgatga ccactccttc ccatcgtggc ctgagctaat 51812414

ttttcaggtt tctttggaat ccccttggct gagaggagga tccattcagt 51812364

tggttgggag gcttagaatt tttattgtat tttattttgg tttcttaact 51812314

ttattttgtt tcttaaactt tagcatgcat aaaagtcaat ggaaatgttt 51812264

ctaaattact agtgatctat attttgaacc aactttgcaa atggtactga 51812214

aactctaata gggtgtctgt ggacctacca gctattaaaa ccctagctta 51812164

gaggataagt aatattccct gggtcccaca gctacaaagg gaccgagcgg 51812114

gatgtaaatc caggtgtgtc tcattcctgc tgctctctcc atgctggcct 51812064

ccatgttgct ttgtacctga atgaaagtcc aatacctttc ttgtcttaga 51812014

catctaatta tatatggcta tctgacatct ttacaattag tattaggctt 51811964

ctgtaacttt gttctttaaa aaattttaaa cataatacat aatttttttc 51811914

tgttcaaaat aatgtaaaaa tatacaaagc aaaatatcaa gaaccattta 51811864

gccctttctt tttgccctcc cctggataac tgctattctc agttgggatt 51811814

acattttttt aaatatgtgt atttatttat ataatgaata actttaaaaa 51811764

tattaattaa ttgagtattt tactacatat cagtttctat ccttagcgtt 51811714

ttggatgaat tcactttgga atcctcacaa caccctgtga agcactatta 51811664

ccatctctct ttatcaggta gccgggaaac tgagaaatag agatcataaa 51811614

agtgattggt agagggacaa tatttggacc caatagtttg actctagaac 51811564

tcttatatgc catgctaaga tgttccttaa ttcagcaatg aaaagcatat 51811514

gttctaagta ttcatatgtg actttcaaaa aagttaagtc tatattcaaa 51811464

atactatcat atcagtaatg acaaatgtcc tgcatccttt taaatgacag 51811414

tgtagttacc cagagtagga atgtggtata atttattgaa ttaccatctt 51811364

actgatgaac ataaattttc accccaattt tttcactttt ataaacaata 51811314

caatgacaaa aatatttatg cctcattgtt caagtgggag aattttttca 51811264

ggtcagttga tcttaaagtg aattcatagc ctacctatag ctgagatcat 51811214

ccgggttact tctttaaaaa tgcaaaacat accttcaagg aacacataat 51811164

caccatatta taaactcttt cagaacctgg agaaaaataa aaatcttcct 51811114

aattcattct taaggctata ggattgatta tataattaga taaaggtggc 51811064

acaaagaaga aaattaaagg ctaatctcat tgatattgag gagaagtctt 51811014

actaaatcca atgtacctgt gcttccaaag aatcacaaat tatagttaaa 51810964

tagggtttaa tcccaggaat gcaaggatag ttctagaata tcaggaaaaa 51810914

taatctaaca taattcagta agacaaaatt agaagtctct ctgtttcccc 51810864

aagattgtac tttcttttta taataatgag gcacgatatt ccatatataa 51810814

agagccaaga atgactaaat aagttttatt gtctttcttc cccttgtcac 51810764

gtgcagtgcc agcttctgcc tatactactc tgtgtcttta tctgagtaag 51810714

ggcttcttaa atattcagac tgtccaaggt tccagggcac atcagggcca 51810664

tggggaagtg tcacatattt taggtggcta agggtgagtg agcagagaaa 51810614

actatttcta gggcagtggg gcagagtgaa ggatggtatc agtgggctga 51810564

agaaggagaa gatgaaccaa aacagaaatt aataggctta ttatggttcc 51810514

caatcacaag tcttggaaaa cttgggatac tgagggtaaa atttctctgt 51810464

tattttatag aagcatctaa agtaaagaaa tctgaaatct aagcagacat 51810414

ttaaaacaag atttttgaag gcatttcctg ttttttgttg ttgttttctt 51810364

ttggtgtaga aaatatgctg tcttcctctt gaatgtggca tagattattt 51810314

gtatcccttg gttaagggca agagttaaca attacagtat gttaaactca 51810264

tctgcttccc attagaagaa aaagtgttta catggtagta tcgagtgaat 51810214

tttgtagggt gttttccaag accccaaatc aattttttta aaagcatttg 51810164

ataaatttct atctgttaat actcaacaac aatttattat tacagaaata 51810114

ggggaatttc tcttaactgg atataaggtg tttacaagaa gtccatagga 51810064

aatattataa ttaagtgtga aaggttaatt tcattcctgt tagtgtcgag 51810014

aataaaacgt gaatgcctac tcttatttct attactggag ataccaaaca 51809964

atgcaatagt acatgaaaaa aataggatag aaagcacagc cacttgaaag 51809914

aagcaggaaa acaattactg gtaagcctat gttttttttt ttctagaaaa 51809864

aaaatacaag atatttaagt aaaatggctg gcaacaatac tagcatgcaa 51809814

ggaacaatag cattcctgta taatagcaat cactaattag aaaatgcaat 51809764

agacaataaa ttccactttt gatggaaaaa ggtaaaatac ctagatataa 51809714

acaaaaaatt catatgtcat gtgaagaaaa accccctgaa aaccttgcta 51809664

aataggtgga atgctgtaca aatacaggaa gacacaatga tgaaaagatt 51809614

ctcccccaca tggatttata aattcaagta agcctagtta aaattgcatt 51809564

tagattaaaa aaaattagaa cgtgagaagc tgattctaat atttttagga 51809514

aaagcaaata tacaactggc aaggatttta aaaacattat tttggggagg 51809464

attggtctag ataaagctgg tatgatattg tcataggaag aggcaggaga 51809414

ggaaagtgaa tgagacaaaa tagagtccag aaacagaccc atggatataa 51809364

aagaatgtac ttagtaatta agatggcatt tcaaaacagt gggaaaatac 51809314

tacgtttcag taaattatgt tggaatagtt gtctacccac atgctaaaaa 51809264

aaattctgtt gtgttcccaa gtcatgccat gccagacgaa ctagagtctt 51809214

atattaaata taaaggaatc aaaaggaaat acaagaaact atttttgtat 51809164

gcttctaaaa tattctgtgt ttttaaagtg tgtttgggaa tatgcttaag 51809114

ctaaattttc catttgcttt attttgtatc tttgagtatt agttcttggg 51809064

atattgaatt gattattgat tattcagtat atctctttca tagttttctg 51809014

attttctttg tgtttataat tctttgtttg ccttcccata aatccatatt 51808964

tcaggaagtt gtctccagtg attatggacc agcaaagtgg caatagggag 51808914

aactttctag agagtaatct atgcaaggta atggagtttg atcttgtcct 51808864

aatattaact tagcaagcaa aaactgaagt cagaataaat tgaaacatca 51808814

tactgaactc caattccaat ggcagagtca aattttgcgt agatccacat 51808764

tccataaata tccaaatgta aaaattgcaa atatgaagat aaaatgagaa 51808714

aggaacatta cctatcaaaa tgtaaattaa gggacattag aaacaggaag 51808664

tcaaagccag gtcaaataag aagtctgcac agcttattct cttgctcata 51808614

tttcttatat tcctgtcagc agaaaaaaat tacatgtctg acaaggacta 51808564

aaagacacac atacataaac acacacacat gcaaatgtgt gtgtgtgtgt 51808514

gagagattct tttttaattt gcatttcaaa taaaattatg actagtctct 51808464

acttttaatt ttaatttcaa ttttttaaaa gattttaaag tagtgtattt 51808414

actttgttca aaattcaaag agaaaaagat tgctcattga aaattttccc 51808364

ttcacccatg tcttccagcc agccagtttc atttcctgaa gatggcagtg 51808314

ttactggttc cttcctttgg tatctttcga aagatattct gtgctgcata 51808264

tgcaaaaatt aaaaaaaaca cacactacat ttatttttat tcactccctt 51808214

tgtataaata ttacaaattg tacactatgt gtgccttgct ttaaaagcta 51808164

ttattattcc atgtaattat tccatattag tatagaaaga tatgattatt 51808114

ccatattagt acaaaaagta ctttaatttt taagagattt attgagatat 51808064

aattcacata ccataaaatt catcctttta aattgtacaa ttcgtggttt 51808014

ttacagagac atgcgattac tgtaattaat tttggaacat ttgattaccc 51807964

cccaaagaaa ccccataccc cttaggctat aactccctag tccgcaatct 51807914

cccccagcca caggcaacca ttaatctact ttccatctct acagattttc 51807864

ctactctaga catttcatgt aaaaggaatc atacagtgaa gtttctcacc 51807814

ctgcatgatg ttctcaagtt tcatccatgt tgtaatatag aactagtctc 51807764

tattcgagaa tgaatggatg gatacaaaga ctccatatgt aaaatacatg 51807714

cttggcttga tatatggatg tctagatgca tgtgcattaa tttcattaac 51807664

tattttatgt atttatacag cagtcactca ttcttacgta ttaattctca 51807614

ttagttactt ttaaaagaat cctgttcaga tggtgttaag gtaataaagt 51807564

tttttaagta gacattaagc cagatgctca tatagatgga tacacacaca 51807514

cacacacaca cacacacaca cacacacata tacatatata tatatatata 51807464

tatatttttt tttttttttt ttttttgaga cagagtctcg ctctgttgcc 51807414

caggctggag tgtagtggca tgatttcggc tcactgcaac ctctgcctcc 51807364

cgggttcaag taattctcct gcctcagcct cccaagtatc tgggattaca 51807314

ggaatgagcc accatgcctg gctaatattt ttcatttttt tagtagagaa 51807264

gtagagatgg ggtttcacca tgttggccag actagtctcg agctcctgac 51807214

ctcagtgatc aacctgcctc ggcctcccaa agtgcttcga ttacaggcat 51807164

gagtcaccat gcctggccag atagatatat ttttacacac agagttttat 51807114

agtagagatc atccctgatt tctattggtt attagcagaa gaagtctaat 51807064

gtttacatga tatgatttag aggtgaactg aaagtgtgtc ccaagttcat 51807014

agtcttttgc agggtatttt aggtatcctc aggctcctct ttaaaggaga 51806964

caagtatatg taaattgcag cacccctttc ttctctttct ttcctcctgt 51806914

tgtaacaaag tgttttacct tctcccaaag ataatcccac ctgatgttct 51806864

ctgcatctta atgctgttat tccttttcag atatctcagt ccataattgt 51806814

ctccttcctt tctctttctt gtctgcagtc tttccctctc tatatgacat 51806764

ttcctattag caaacacatt tttgaatgct ccatatgatt ttaaaaactc 51806714

ccttgaatta aaaaaaaacc ctcatctatt tttagataac gattcttctc 51806664

attctgtctt ggtgattttt ggagaacata cattttctag ttgtgaagct 51806614

attgatggtt cttgaactca taaatatgtt ttgtcttttc ccaaggatca 51806564

gacctatatg tgtaattgtc cacttgaaat ctgcactggg atgatgtaca 51806514

gttatcttaa actaaaataa ctcagagaga atcctctatt cttgctctct 51806464

ccctaccaag cctgccattg ccagtggcca acttactctt cttccagctt 51806414

tcccattcca gcacatggca ccatcttcca ctctcaattg ctcagggttg 51806364

ttcttgacac tttatccaat cctggctatt ctgcttcttg aatgttactc 51806314

agatatgtgt tttttaattt cctctctcac caccctaata tatgcatcat 51806264

ggcctcttgg gtgaaccact agaatgcctc tttttttttt attatacttt 51806214

aagttttagg gtacatgtgc acaatgtgca ggttagttac atatgtatac 51806164

atgtgccatg ttggtgtgct gcacccatta actcgtcatt taacattagg 51806114

tatatctcct aatcctatcc taatcctatc cctcccccct cccatcagtg 51806064

tggcaattcc tcagggatct agaactagaa ataccatctg gacccagcca 51806014

tcctgttact gggtatatac ccaaaggatt ataaatcatg ctgctataca 51805964

gacacatgca cacgtatgtt tattgtggca ctattcacaa tagcaaagac 51805914

ttggaaccaa gccaaatgtc caacaatgat agactggatt aagaaaatgt 51805864

ggcacatata caccatggaa tactatgcag ccatagaatg cctcttaatt 51805814

attcttctcc tgctgtgctt accctcatct actccattct cccccactgc 51805764

agccagagca ctctgaaaaa tatgagttgg ctgtgtaatt tccctctttc 51805714

atttcccctt agtggcttac tttcattatc atgacaaaaa tctcattgtt 51805664

tttacatagt cttcctaatc tgctctcttg cccgcctttc tagccctgcc 51805614

tcttacctct ctcctccaga ttcagcaatg tgggcattcc tgttgctttt 51805564

cagtcttttt taaaaaatat aatttcaact tttcatttat attcagatgg 51805514

tacatgtgca ggctggttac atgtaagtat tacataacgc tgaggtttgg 51805464

gatatgagtg aatcctttca cccaggtagt gagcatagca cccaataggt 51805414

agctcttcag cccttgcctt catcccttct ttccgtctct agcagtctct 51805364

agtgtgttat tttcatttct atgtccatgt gtacccaacg cttacctcca 51805314

cttataagtg agaacatgta gtatttagtt ttctgttcct gtgttaattt 51805264

gtttaagata atggcctcca gcagcaccca tgtggctgca aagaacatga 51805214

ttttattctt ttttatggct gtgtagtgtt ccatggcata tgtgtaccac 51805164

agtttcttta tccaatccac cattgatggg caggtaggtt gattccatgt 51805114

ctttgctact gagagcagtg ctgtgataaa cctacaagtg catgtgtctt 51805064

ttggtagaat aatttatttt cctttggata tatacccagt aaggtgattg 51805014

ctggttttaa tggtagttct atttttagtt ctttgagaaa tcaccaaact 51804964

tttttccaca gtggctgaac taatttggat tcccaccaac agtgtataag 51804914

cattcctttt tcttcacagc ctcgtcagca tctattattt tttgactttt 51804864

taataatagc cattctgact ggtgtgagat ggtatctcat tgtgattttg 51804814

atttgcattt ctcgcttttc agtcttttgg atgtatggag ctctttcccg 51804764

cttctgactt ttcatctgtc ctgcctcctt tctctggagc aactctacac 51804714

ctagttaact gctgctcact ctttaggtct cacccttgat ccctcactgt 51804664

tactctcata gtattatgta tttttcttct taccaatttg cagagtttgt 51804614

gcttatgaag ttttgcaatt gtgtattaat gtcttatttc ctccacaaaa 51804564

ttttagattt catgaggcca agaactgtgt ctctttggtt cacacaatag 51804514

cgaagtgaca ggtatagagc aagtactcca agctacatgt tgggcatatg 51804464

aaaacaatag ctgataattg aatgcctttt atgtgccagc cactgtaata 51804414

attttttatg tggcatttcg cttaatttct cctgttaccg cccccccccc 51804364

ccccaatgaa ttagtatttc tctacttagt catgtataag tgagttgagc 51804314

ctagagggac ttgggacaca gctgagaaat tactggaact atagaactac 51804264

tgagaccctt catctgtgtg gactgttggt ggttgggcat cagtgggatt 51804214

ctggccattt ggtagttatg agcaaatgag gtcagtagtt tatcagagat 51804164

ggatgggcac tcgaaagtag gaagaaacag acatagtctt ttttactttg 51804114

aaatgttgcc tgggctttgc catgatcatt ttggtgggta tcacaagcaa 51804064

atactaaaag gacttcacat ctacttcttt gttcttccaa aactcatccc 51804014

atcaatttca ttacctggtg gctcacacct gtaatcccag cactttggga 51803964

ggctgaggca ggcagatcac ctgaggtcag gagtttgaga ccagcctggc 51803914

caacatggtg aaaccccatc tctactaata atacaaaact ttagccaggc 51803864

gtggtgatgg gcacctgtaa tcccagctac tagggaagct gaggcaagag 51803814

aattgcttga acccaggtgg cggagattac agtgagccaa gatcgcacca 51803764

ttgcactcca gcctgggtga caagagtgaa actctgtctc aaaaaaaaaa 51803714

tttcttctct atgtgaagta ggagccttgt tttatttatg tttgtttctt 51803664

tggcatatat cacagtgtct gacaaagcac ttggtagtat ttgctaagtg 51803614

aatgaatgga tgaatgagca aatgtattgg tcagtgataa taccttttct 51803564

ttatatatca tttttctcct ggggtcttct agtcatcttg gattaaaaag 51803514

aggaattaac tctaaggaca aggatttcag tatgtttacc aagcaaggat 51803464

attttagagt attgggactt ttgatagagg ttgtagaatc cagatattat 51803414

tgttagaata gttagaattg tgaataaaca ttctaggaac cttcatgatc 51803364

tctgggacaa tattcgaatt caagtggaaa ataacatatt ttggaaaccc 51803314

caagcaagaa ctccttgctt tgaatacatg taatttactg gaatttacaa 51803264

gaagactttt aagggagtta atttttgggg actttccaaa aaatatggaa 51803214

aatataaaaa tattgagaac aatgacaact tctacagaag ttattttgta 51803164

ctttataaaa tataagcact ttattaattt aggagcacaa catatagatt 51803114

ggtttgctca gaaaatataa attttggtac aacatattaa aatagaaagt 51803064

agagattatt tactaaatat ttgttactca gatactacat tttaaactct 51803014

ctcttaaaca tcaattataa ttgatataat atatgtatat ttaacaaaca 51802964

aataggatac aagcatctta tttttaagat tttaataatc ttttgggttt 51802914

cttttcctgc agaagaaaca attgagaact taagaaaaaa agtcaataat 51802864

accgaggaaa attaaagaat ctcatagttt tttggatata ttgccctgtc 51802814

tagtgtcaag cagagacaaa aagagaagat ttattttcaa aaaagacctg 51802764

atggggagaa ataaacttat ttgatacaat atttgatatc tggacctttg 51802714

cctaaacagc accgttcagg agtgaatcac ttatttcata gatattcata 51802664

tttttctatt cagggtaaaa gtacaaaata tatttattta ctaaaagttg 51802614

atcatgttat tattcttaag gaaacaaatc aaaacaaaaa cccacatagg 51802564

aaaataagtt tggcgcttag tttggcttta acaccaactg taacatgtaa 51802514

aaatttaata attggatcac ctgagagttg ccagtttatg ccttttcaca 51802464

tattaagcat tattcactac aggattggag agggatttta tctccaaacc 51802414

tcatgttagt tagaattcat taacaatgta tacaggtaat agaattatgt 51802364

ggataaagcc aaactgtagt ttaacatcag acctaaaatt tatcaaaatg 51802314

catattgttc ctttttaggt cttctgggga ttgcaaggtc taggtttttt 51802264

gtttgtttga ttgttgttgt tgttgttttt gccttgagcc atctgagcaa 51802214

ggtgacaact atagaccttg gtttaaatgg caatgccatg tcgtccactc 51802164

tgatttcttt gaagtctgat gaagagaaca gtagcatagc accgtctcta 51802114

gatttaaaac aataataata aagcctggga tgagagaagg cacagattct 51802064

tttctatttt tatgaaaaca gcagcacctt ctggtattct cctttcagaa 51802014

tttgggatgc agaggactga tctgatacag ttggtaattt tacttaaaaa 51801964

ccttcctatt aaatagattc aaaatatttc tgaagaacag atggtataga 51801914

ctagaggaag aaataaacat tgtatgttaa acattttatt gatcaattaa 51801864

aatatcataa tttaaaatgt ttattctact atgggaatta tgcatgtctg 51801814

tgtgtgattg aaaaagacac agaaagaatg tggggagtgg gatggggatt 51801764

tattgtccaa agtttaaatg ggactcttct catgaggtga gagtgagaag 51801714

agctattttt ctctcctccc cttccatcct gtctctctct ctctctctct 51801664

ctctctctca cacacacaca cacaatcagg ccagcagatg gtttttcttc 51801614

agggtgtcag gaaactggct tttagtcttg aatcgtgtgc ctctgggcac 51801564

tttgaaactg cctcttctgc ctatttttaa gaccagtttg aaaaaaaatg 51801514

atgggcagag tagaataaag aaaccacctg tgtggatttg atgaaaaagg 51801464

cagactataa agctagcact tctttgaaaa gagtttagtt atagaaagac 51801414

tgcatcctta tcttctagca catctctggt cagctttttc tacaagagaa 51801364

tgaactctag agaactgaat accatcatct cagtaaatta gtctacttga 51801314

cactaatttt caatcatgtt catctttcat ctctgtgaac tatttatgta 51801264

taagagtttc cattctattt taggaatact tttcttggat gttatcattc 51801214

atctttataa attatgatag actatttaaa taaattgtta gatgcctcca 51801164

aagttaaacg agaccacaaa agaaagaaaa tatcaccaat cattgtgtaa 51801114

aatgtatatt taaagcagtc actttggagc taaaaatatt ttctttctac 51801064

aaaggaagat tagatcattt aatagtgatt caaatagctt taaaatttac 51801014

ttttcctttg gttcacatat ttaatagaaa acacaggagc caaggctgaa 51800964

tgtagaaaaa aaacccatta attatggaag gtacaggaaa ataacaagcc 51800914

cacaaatagt ccttgtatgt cctgctctgc ctggcatgcc attgctctcc 51800864

ctcagaagtc tgagctgtgt ccaaagtcag tacaggctgc tttcctgaca 51800814

atagcagggt tgtaatagaa actgtcttac cacctaagtt atggggcctg 51800764

atacagtgca taccatacaa gcagtgggtc tgcctgccct aaattatgcc 51800714

tgttcatgtg accccatcat tattcccagg atctgtgccc tttgcccttg 51800664

atctcatttc tacaggattt agacaagtgt cagacccttg gaatgctaca 51800614

caatagtgac cttgattccc tactttgctg ggaaaaaaag tgagtttaaa 51800564

tctagcgttc aacttacatg gaatgctttg taactgtggt agtcaaattg 51800514

ttcttgatac aaaagaagcc ccagccctct ttcagagaca tctgtctttc 51800464

agtctggctc aggttttctg gtcttgaggc tagttaatgc atttctaata 51800414

aaacactgag tcttttttgt tgttgttgtt gttgcatttg gtgcagggat 51800364

aaattcaggg gtttctcctt attgttaact ttccagatat tatttttaaa 51800314

gctttagtgt tctaattgta aaaatagaac actttcagga aaaaaagacc 51800264

aaaaagccaa aacactgctt ggcaaaacac actaggataa agatggtggt 51800214

gtttagtgct tgatggatga acaagtggtt aaagggtgta attcggaacc 51800164

aagaggcacc accccatggc tagtcctgag cccctttggg gggaaaagca 51800114

gtctttaatt acatctggaa ctcattaatt ctttttggag cctctttcca 51800064

gatcagctcc cccatcagcc acccattgag caacagaaat tccagatggt 51800014

tccctccata tgccagtgct gattctctca agtaggatag attggtcact 51799964

gacaggatag ggtggaatat ctgtagccaa ggcaggacac ggtggaaagc 51799914

actggaacac acttaaatta gaggtggtcc atcacttata ttattaagta 51799864

agttgtataa ataactattt ctgagtgatt gctctgaaat atcttgagta 51799814

attttatgga aaggatgtta attctagaga atgtggcaca tagatgccag 51799764

ctttccactc ctcaaaagag agaaatcctc tgcaagtgtc attgtagctg 51799714

aggatttgtc agtttagacc tgcagatgat ctgctctgga gggtacgtta 51799664

gggtgaattc ttttgctcat gtaactagct gaaatattta ttattgtgat 51799614

acaaggagaa tgcctttata aaaatctcta tatggcatgt gcttatttta 51799564

ttttagcaga attttcttat aatagacaca ttgatagact ccagtttgaa 51799514

gcagctggga ataaaaacag agtcaacctc catgtaatta aaaagtatgt 51799464

catcatttca agtatatcac attatttatt tgtatatata cctgttttca 51799414

tctgatggtg ggaaacatga cttactcatg tttaaattcc taccacctca 51799364

aaatttgtca cattatggga aaggaaagaa agaaagaaag aagaaaaaat 51799314

ggagagatga atccagggaa tttcaaagtg aagagtgtgg caccaaaaga 51799264

aataagacta atgtttctgt tattgtcttc attctatact tttccttaga 51799214

taactattgg aatttatgtg tgtgtacaca cgtgtgcttg tgtgtgtgtg 51799164

tgtggtgtta attttgacca tctattatgg gttaaatatt attcttctag 51799114

gtcctgagaa aataaaagtg agaacatcag ctgtgttcct gttctcaagt 51799064

ggttataata gtctgtctgt gattcatggg aaatttgttg gtacatttgg 51799014

agttggtagg gcaattgaaa gggaaaattt cttctgaaag gggtataatt 51798964

aaaacttcat gtacttgtca tattttagct gagaaataca tctaaaagca 51798914

cctactatca tacttttatg tgtatgtgtg agtactctgt ggatgagaga 51798864

aagcattagt tcaaccaatt ttattgtttt gtacaatcag gtttaatagc 51798814

tgaatattgg ttgagtgtgc tataggttgg aacagatata aaccaatttg 51798764

tataaaactc ttgctttgag acagggagaa tgaaaccaat ttggaaaaca 51798714

tattttagga tatcgtccag gaaaacttcc ccaacctagc tatgcaagcc 51798664

aacattcaaa ttcaggaaat gcggagaacc ccagtaaggt actccatgag 51798614

aagatcattc cgtagacaca tactcatcaa attctccaag gtcaaaatgg 51798564

aggcaaaaat gttaaaggca accagagaaa ggctaggtga cctacaaaag 51798514

gaagcccatc agacaaacag cagacctctt aatggaagca ctgtaagcca 51798464

aaagagattg ggggtagata ttcaacattc ttaaagaaaa gacattccaa 51798414

cacataattt ctttttcttt ctttcttatt ttttttgaga tggagtcttc 51798364

ctctgtaccc caggctggag tacagtggtg tgatctcggt tcactgcaac 51798314

tctgtctcct gggttcaagc aattcttgtg cctcagcctc ccaagtagct 51798264

gggattacag gtatgcatca ccatgcctgg ctaatttttg tatttttagt 51798214

agagacgagg ttttgccatg ttggccaggc tggtcttgaa cttctagcct 51798164

caagtgatcc acttgcctca gcctcccaaa gtgctggaat tacaggcacg 51798114

agccactgca cctggccccc aacctagaat ttcttatctg gacaaactaa 51798064

gcttcataac tgaaagtgaa ataagatcct tttcagataa gcaaatgctg 51798014

agggaatttg gcaccaccag atctgcctta caagaactga aggaagccct 51797964

aaatatgaaa acaaaaagct gttaccagtc actacaaaaa cacactgaaa 51797914

tacacagacc agtgacacta tggagcaacc acataaacaa gtctgcaaaa 51797864

taactagcta gcatcatgat gacaggatca aatacacaca atatcaatac 51797814

tagcattaaa tataaatggg ctaaatgccc caattaaaag acatagagtc 51797764

ttttaaagct ggataaagaa ccaagaccca tcagtgtgct gtcttcaaga 51797714

gtcctatctc acatgcaaag acacacatag gttcaaaata aaggaatgaa 51797664

gaaaaattta ccaagcaaat ggaaaacaga aaaaaagcag gggttgcaat 51797614

cctagtttct gacaaaatgg actttaaacc aacaaaaatc aaataagaca 51797564

gagaagggca ttacataatg gtaaagggtt caattcaaca agaagagcta 51797514

actatcctaa atatatatgc acccaatact gtagcaccca gattcataaa 51797464

gcaagttctt agagaccttc taagagactt agattcccac acaataatag 51797414

tgtgagactt taacacccca ctgacaatat tagacagata atttagacac 51797364

aaaattaaca aaaatattca ggaccagaac tcaactctgg ataaagtggg 51797314

cctgatagat atctatagac ctctccacca aaaaacaaag gcatatacct 51797264

tgttctcatc accacacagc acttacttta aaattgatca tataattgga 51797214

agtaaatcac tctcagcaaa tgcagaagaa ctgaaataat aacagtctct 51797164

catagcacag cacaatcaaa ttagaactta agattaagaa atctattcaa 51797114

ggccaggcac agtggctcac agctgtcatc ccagcacttt gggaggctga 51797064

ggtgggtgga ttgcctgagt tcaggagttc aaaaccatcc tgggcaacac 51797014

ggtgaaaccc tgtctttact aaaaatacaa atattagcca ggtatggtgg 51796964

aagacacctg taatcccagc tactcaggag cctgaggcaa gggaatccat 51796914

ttgaatccag gaggctgcac tgagctgata tcacacccct gcactccagc 51796864

ctgggtgaca gagtgatgag actctgtctc caaaaaaaaa aaaaaatcta 51796814

ttcaaaacca cacaacacca tggaaatgaa caaccttctc ctcctgaatg 51796764

actcttgagt aaataatgaa attaaggcag aaatcaaaga gttatttgaa 51796714

actcatgaga acaaagatac accataccag aatatctggg acacagctaa 51796664

agcagcatta agacagaaat ttatagcact aaatgcccac atctaaaagc 51796614

tagaaagatc tcaagttaac aatctaacat tacaactaaa agaactagag 51796564

aacctagagc aaacaaacct caaagctagc agaagacaag aaataaccaa 51796514

gatctgagct gaactgaagg acatagagac atgaaaagcc ttcaaaaaat 51796464

caacaaatct aggatttttt tgaaaaaaaa actaattaaa tagactgcta 51796414

gctagattaa taaagaagaa agagaagatt gaaataaaca caatcagaaa 51796364

caacaagggg gatattacca ctgaccccag agaaacacaa acaaccctca 51796314

gggaatatta taaacacctc ttgcacataa agtagaaaat ttgggagaaa 51796264

tggataaatt cctggacaca tgcaccctcc caagactgaa cgaggaagaa 51796214

ttgaatccct gaatagatta ataatgagtt ctgaaaatgg ggcagtaata 51796164

agtagcctac caaccaaaga aagcccagga ccaggtgaat tcacagctga 51796114

attctaccag agttacaagg aagagctggt actattccta ctgaaactat 51796064

tccaagaatt aaaaaggaag gactcctccc tatctcattt tatgaggtca 51796014

gcatcatcct gatactaaaa cctgacaata agacaaattc gggtcaatat 51795964

tattgatgaa caccaatgca aaagttctca acaaaatgct ggcaaactga 51795914

atacagcagc acatcaaaaa gtttatccag catgatcaag tagtcttcgt 51795864

ccctggaatg caaggttggt ttaatgtatg caaatcagta aatgtgattc 51795814

actacacaaa cagaactaaa gaccaaaacc acatgattat ctcaacagat 51795764

gcagaaaagc cctttgataa attcaacata cattcaaatt aaaaactcaa 51795714

taaattattg aagaaatata cctcaaaata ataaaagcta tatatgacaa 51795664

actcatagcc aatattctat tgaatgggca aaagccagaa gcactcccct 51795614

tgaaaactgt cacaagacaa ggatgccctt tgtcaccact cccattcaac 51795564

atagtattgg aagttctggc cagggcaatt aggcaagaga tggaaataaa 51795514

gcatatttaa ctaggaggag aggaagtcaa actatctttg tttgcagatg 51795464

aaatgatcct atagcttgaa aaccctattg tttcagccca aaagcttctt 51795414

aagctgataa gcaacttcag caaaatctca ggatacaaaa tcaatgtgca 51795364

aaaatctcta gcatttccat acactaacaa tagacaagcc aagagccaac 51795314

tcgcaaatga actcccattc acaattgcca caagaagagt aaaatacctg 51795264

tgaatacagc taacaaggga agtgaacagt tctccttaag gagaacttca 51795214

aaccactgct caaagaaatc agagatgaca caaacaaatg gaaaaatatt 51795164

ccatgctcat ggataggaag aatcagtatc atgaaaatgg ccatactatc 51795114

taaagcaatt tatagattca ttgctattcc ccttaaacta ccattaagat 51795064

tcttcacaga attagtaaaa actatttcaa acttcatata aaaccaaaca 51795014

agagcccgaa tagccaaggc aatcctaagc aaaaagagaa aagctagagg 51794964

catcatgtga cccaacttta taccgcaggg ctacagtaac caaacagcat 51794914

aaccaaacag catggtactg gtacaagaac agacacatag accaatggaa 51794864

cagaaagaga aggcataaat aagactgcac acctacaacc atctcatctt 51794814

tgacaaacct caaaaaacaa gcagtggggg aagaatattc tgtttaataa 51794764

atgatgctgg gagaattggc tagccatatg cagaaaaact gaaactaggc 51794714

cccttcctta agccatatac aaaaatcaac tcaagatgga ataaagactt 51794664

aaatgtaaag ctcacaacca taaaaaccct ggaagaaaat ttaggcaata 51794614

ccattcagga caaaggcaca ggtgaagatt tcatgatgaa gatgccaaaa 51794564

gccattgcaa caaaagcaaa aattgacaaa tgggatataa ttaaactaaa 51794514

gagcttctgc acagcaaaag aaactatcat cagggtaatc aagctacaga 51794464

atgagagaaa aattttgcaa tctatgcatc tgacaaacgt ctaatatcca 51794414

gcatctataa ggatcttaaa tttacaagaa aaaacaaccc cattaaaaag 51794364

tgggcaaaga acatgaacag atgcctctca aaagaagaca tacacgcagc 51794314

caacagacat atgaaaaaaa gcttaacatc actgatcatt agagaaatgc 51794264

aaatcaaaac cataatgaga tatcatctca taccagtcag aatggctatt 51794214

attaaaaagt caaaaaaggc gcggtggcgg acacctgtag tcccagctac 51794164

tcgggaggct gaggcagaag aatggtgtga acccgggagg cagagcttgc 51794114

agtgagccga gatcacgcca ctgcacgaca gagtgagact ccatctcaaa 51794064

aaaaaaaaaa aaaaaagtca aaaagcaaca gatgctggta aggttgtgga 51794014

gcaaaaggaa tgcttttaca ctattggtag gagtgtaaat tagttcaatc 51793964

attgtggaag acagtgtggc gattcctcaa agacctagag gcagaaatac 51793914

cattcgaccc agcaatccca ttactgggta tacaaccaaa ggaatagaaa 51793864

ccattctgtt ttaaagacac atgcacgcat acgttcattg cagcactatt 51793814

cacaatagca aagacatgaa ataaacttaa atgtccatca atgatagact 51793764

ggatacagaa aatgtggtac atagatacaa tggaatacta tgcagccata 51793714

aaaaggaatg agaattatct catttgtcct ttgcagggat atggatggag 51793664

ctggaggcca ttatccttag caacctaaca cgggaacaga aaacaaaata 51793614

ccacgtgttc ttgcttgtaa gtgggagcta agtgatgaga acacatggac 51793564

acaaggcagg gaacaacaca cactggggtc tgtcagaggg caggtggtgg 51793514

gaggaggaag aggatcagga agaatagcta attgatgctg ggtttaatac 51793464

cttagtgatg ggatgatctg tgcagcaggc caccgtggca caagtttacc 51793414

tgtgttaaca aacctgcata tcctgctcat gtatccctga atttaaaata 51793364

aaagatgaaa ataaaataaa taagtaaata aattggaggc aaaaccctct 51793314

tgtttttaca aattttgctt caaataattc ttaaagtcat gaacccataa 51793264

aatgtgtgct aaacctagaa cattctctag gtacttcact cttttatttg 51793214

aatattttga aaagtgctag agatgagatt aagatatata tttatttttg 51793164

tctgtttagc ttgatcattc attttgtacc agtcatcaat gagctcttga 51793114

atttaaggta tgtaggggat taaactcaac agatctggac gacatttatt 51793064

tagtgtcttt atcttcagta ttgcaaaaac actagggatt taaaaagaaa 51793014

aagaatgatc tcttcactta aggaagtcag agtgggagag gaagtcataa 51792964

tcacactgag gaccagccca gtgacagtta cttcctcacg tacaataatg 51792914

tatgtatata atttgaataa tgtgtctcag tactctgata gatgtatgta 51792864

cagggtgtca ctggagtgta aaagagagag gttgtttccc cagggagagt 51792814

ggtggagcca gtgaggagag agaatagctt gctagcagaa ctaatgcttg 51792764

ctttgcatcc tgatgggata ggaccatact ttgagaacca ctgctctaca 51792714

tctaactgag agaaaagggg agggaaaagg catacagaat ttatggaaca 51792664

ggcctagaga tgtcatactt taatttttcc cacattttat tggctacaac 51792614

tcagtcacat ggcttcatca acctgcaaag gaggtggaaa ctgtagtcta 51792564

actgtgaact taggaaaaca agagaaatgg ttggtttaca accctatagt 51792514

ctctgccaca ggagggcatg gccattctta taatgcagga agcagggagg 51792464

ggctaggaaa gacaactcat gacaagttaa tttgcttggg catgtcctta 51792414

agaagagcaa gtgcattgtt tcctagaatg agagatgaga ttatactaac 51792364

aaaagaattc cttataaatc tttacatgtg ttggtgatta tggtactaga 51792314

aatttaagca aaaatcttta tttgatgtca tttatagtgt tgaattactg 51792264

ctaaatttca gaaagtaaca cttaatgctt tggcatacat gaaatactta 51792214

ttgttttaaa tgaaaatgtt gtgtttatat attactctat agtaaatctc 51792164

aggcaacagc tatgattatt tcttctgaag ttatatgaag actgctttta 51792114

tgaaagggga aataaaatat aatgatttta aattgtccag taagcactat 51792064

aagcatggga agctaaggga caacagtaaa aataataaca tcaagcgttt 51792014

attaagcatg caccatgtac tttaccttac acaatgggac ttagggaatt 51791964

agagatagct tactaacatt gtataaccac tttcaatcta ttaactcaat 51791914

taaatgagtt aaccctcaca aaaagtcctg tgaacgaaac agttgttttt 51791864

agtattattc ccattccaca gatgagataa ccgaggcaca gagagataaa 51791814

gttatttgcc tagacagcta gtaagtagca gaattggtat tcacatccaa 51791764

atagtcttcc ctcagaggcc aatgtcatgt ctactgttct gtacatccct 51791714

gaaactagag ccaaaagtga agagacagga caaagggtag ggagctcatt 51791664

cgatctgtgt gtttccactg cactagactt ggggcagctg tttggtgcat 51791614

aagcagtgca ttttgtccat gaatgtggta tgttaagcaa ttgcagcatt 51791564

tatcaatcag aacttatttt cctgttcagt aagtcctagc ttttggcaga 51791514

ctatttgttc ttccagttgc tatacctgtc ctggtttaga taacactgta 51791464

cacagctccc aaactgctgg gagaacccca gaataaacac gtaattcttg 51791414

tttttgtgac atatctgagc aatttctttt tcttccacag ACAGAACTGT 51791364

CCTTGTGGAT ACAGATCTTC CATTCTTCAA AGGGCTGTAT GTGATGGGGA 51791314

CCTTAGACTT CCCTGTGGAC AGAAGCAATG TTCTGAGTGT GGCATGCATG 51791264

GTCATTGCAG GCGGGGAGCT GAAAGTTGgt gagtaaaggc acaaggattg 51791214

cgagcatgtt gagaattata ttctgtgaga aggggctctg ggaaacagat 51791164

ggtatcatca agcaggttgc ttaacagagt ttagggaggg ttaaggtagt 51791114

agtgagtgca ccagtaaagt tgctcttcgg caagctttac atgtggtcag 51791064

aggtggcttg tattggtcat tctttcatgc ccgtgtacta tcaggctgtt 51791014

tctggtccgc ctgctactgc tcattccagg gtgatttttt acctcctcca 51790964

ggctacagat caattcttcc tttaggtttt ctttgtgtca gaatatgcct 51790914

ttaactcgct ctttcagaag atatcatagg atggatttga tatcatctga 51790864

tcaactaact cacaataaaa tttcaattgt tgtcttaaca taatttcctg 51790814

ggaaaacaga cttgaaagca aagctatgtg ctagcacttt actgggacaa 51790764

ataatcccaa agatgtgtga gtgaagggaa aagaaaagtg aggaggaaag 51790714

ggagggaaag caaatacaag gtagccacag cttctcaaag aagcatgctt 51790664

ggtttgcttg gttatgtggg atatcttgag agaagcctta ttagaaccac 51790614

catatcttgg gacaatatgg aagaggtagt gaggagaagg caagcatctc 51790564

acctggccca ttccatgcca ttaactcctc tgactttgtt atttttgtgg 51790514

ctccctgggt agctagtgga aggaccagag aatcagtagg tgctcggaga 51790464

tgaggctcct cttgctggga agtggatcat gttgttgagg ccacaggaca 51790414

ggcagaatgg aatggatcta gggtagtgta ttaaccagat ttggcttact 51790364

taaataaaaa aacctgaaat gttatgggta gactatatac ttagaactgt 51790314

tgtaagcaat aggtataaat gctgaaaaga catgtaccct gtctccaaag 51790264

gaactaattt agaactttag taaggcattt tactttgccc caggaagaag 51790214

attgaaagag aatgcccaga aaaaaatcat atcttattcc aaagaaatat 51790164

atctctggtg gtaaggaaat atttagatat ccttgttagg tagcatgaaa 51790114

attttagaat ctcagttggg agaaaattct aggtctaatt acctgaacaa 51790064

aggttaagtt actgtaaaaa tatttctgaa aaaatatggt caatcctttt 51790014

cttgaatact tccagtgaca aaaaaatcaa aacctttcaa ggcaacctgt 51789964

tcccattgtt taaaatccta ttagaattct ttttgttcta ttaagctaaa 51789914

atctatcttc ctctaatttc tataggttca ggctcttccc cttgagccat 51789864

tcaggacaag tatcttactc cttttaattc tatagccctt cattcacatc 51789814

tttttgaatc ttttctgttt taggtcatac agtttataac catggttcat 51789764

agttattgct gttttaagta tttcttttta gtctatggta caaaactgca 51789714

aacacagaaa aacaaagaga attatgtggt ggaaatgaag tgatcactca 51789664

aagtttccaa gtgcaaatat ttccaagtgc aaatataacc acaattaata 51789614

ttttggtgtt ttatctcaaa gtcatttttt ttcttacaca tacatacaca 51789564

tgcacacatg tatttcaaaa tgtagggtac atactttgat ttttttgatc 51789514

ctgtataaac aatgtaagaa tttccacaac tcattatatt tcaaaggccc 51789464

aacttcaata atttcaacat tatataatat atgggaatat atagatatac 51789414

atgtatatat aataatttag ccatgtttct attgttaagc acctaagtta 51789364

tttcagattt ttgtccttgt aactcactct gcaatgaaca ttcaataatt 51789314

aaatcattat tcatatcttc atttccttag gatgggcttt taaaaatgaa 51789264

attaatgggc ctaaggataa gaacatattt taagattttt aatacatgct 51789214

gccaaattgc ttttcagaaa aattttacaa atttgtacac cccatttccc 51789164

atagttatga gattccctct ttcttattgg cattgcctct aaacacaact 51789114

ttgttttgtt taattcctct gaaagccagg gagaaagaac tattcccagg 51789064

tgggatctga ctattctgaa cagagtgaga tgagtatagc agttaacaga 51789014

atgggctcta agtcagatgt tgggggtcca aatccacctt ggccacctgt 51788964

tggctgtttg accttaagca agtcaacctc tgggcacctt catttcttca 51788914

tctgcaacat atgtgggata agagtagaac cttcttcaga gggatattaa 51788864

acataactca taggaagtgc ttggtatgta gtaggtgttc aataaatgtt 51788814

tatcagccag ggtgcccaca gaaaatatat gtcatatgca ttagacagtt 51788764

tgaagggatt taaataaaga aatgatttac aaagatccaa atgggatgag 51788714

gtatacccta gggctcataa agccagttat ccttactacc tcttgccata 51788664

aaggattgag aaaagaatgt tataggaacc cagagataaa gagggaggtt 51788614

tagagatggt tgtcagacca tcccagaggc atggcctttg tatggctggg 51788564

atttaaccag tacatggaag gaactatagg aataaacact cttacctcat 51788514

tcttttgttt ccctcctgtc ttctgcttgt gctaccattt ggccacatcc 51788464

gactggaagt cagaataaag gagaagtcag aataaaggag aactccttga 51788414

tgcagtacac ataggtcagc cacatcctgg ggcactgggt agggtggaga 51788364

agcacagagt ttggaaatgg aggtgtcaac agaagctctc cagcatagtc 51788314

agcctccagc tatcagaaca gatatgattc ttctgttaat acagtcaaat 51788264

attaaactaa cttctttttc cagccaggtc atgccattag tcctgccaac 51788214

tacactgtca gctctaattc ctgctcttta tatttgtgct gccacaaata 51788164

catatctcta cattgtacag ttgtattggg ctgattttgc tttcccttgg 51788114

gttttgaggg aatctaaggg caatactttt tacctatccc ttcatttaat 51788064

tatttcagtt catctttcta cactgcagat attctcttga agtctggtct 51788014

tttcctcaca gattactgcc atttgcccat ttgtttacta ttctgtaaaa 51787964

tcctcatcca attaattgag agatattaaa tacagttgag ccctgttctt 51787914

gttactacaa aacttatttc cagttgatat cttttattgc taagattgat 51787864

ctcttttttc agtaagttac atttagattt ctaaggtcac tcattactat 51787814

aatatatagc ttgctgactg aaaaatttgt acctttgaag gtaagtgaca 51787764

ctgtgccact ttccagtttt actttatata tttcaggtct catttaaaaa 51787714

tttctccatt cccaattcta ttttctaccc atcactggat agtggtgtat 51787664

tctttttctc tttgtttcat ccatgtgttc caggcctaaa ggtaggttat 51787614

tggaacccat ctgcccaatg ctatgtgtat tgtgcctgaa ggaagacttt 51787564

caacccatct gtccaatttt accacatcct aaagaaatcc caacatgaaa 51787514

cagataataa gactagttag taaacaaact taatagattt ggacattggc 51787464

acagagtgct gccagagtat gcctgctatc tgatgccatt tgatccaagt 51787414

cccaacattg tggaattata ttttttggtg atcctgcttt tttttttttt 51787364

tcttgagatg gagttttgct cttattgccc aggctggagt gcagtggcgc 51787314

catctcagct cattgcaacc tctgccttcc agttttaagt aattctcctg 51787264

cctcagcctc ccaagtagct gggattatag ctgctcgcca ccatgcctgg 51787214

ctaatttttg tagttttatt agagacaggg tttcaccatg ttggccaggc 51787164

tggtcttgaa ctcctgaact cgtgatccgc ctgccttggc ctcccaaagt 51787114

gctgggatta taggcatgag ccaccatgcc cagccggtgg tcctgcttgt 51787064

aaggcaactg gtgctggcaa gggtatcaat ggacttttaa tagagttgaa 51787014

tcatagaatg ctagaattag aaaggaagct caagatcaaa gctttgctta 51786964

gagggccata gctgcatcac aaatgccaaa ctcaatttca ttcttcgttc 51786914

agtgcttgtc tcattagtct gataaaacag ttaagataag cttaaagaat 51786864

ttcacatgtg tgtccattct ttcatttaac atgggtttac tcagcgtctg 51786814

ccatgtgcca agtaccatgg gggatactgg gcatatagaa acagaaatca 51786764

tgaacctgaa ctttcaagag gtgtctcaat aaaatagtgt gacaaatgag 51786714

taaaaacatg attggaagga tcatgtcttc caacctagag ggagcttaaa 51786664

gataaaggaa gagatgtgaa caggtacata ttttagatga gcattatact 51786614

tttaggaaac tgtaggggat gggtatgtct ggattgtagg ctttgtatga 51786564

aatggtggta gtagatgaag caccttgacc tgatatacta tgccaaggag 51786514

tttggatttt cctatgaagg cagtgggtag tcactggata gttttaagca 51786464

aggaagtgac atgattatat ttattcttag aaaaattagt gctggaagtg 51786414

tagagaatgc acttaaaagg gacacagtga aaagtgagaa gcctactgag 51786364

atgtttcagg aaagaaatcg tcagggagtg aagtaaggta caggagttaa 51786314

agagtaaaga attaattaga gaagcattga ggaggtaaaa atcactagaa 51786264

cctagtgaga attttgatct gaggcaagga agagttattt gggatatatc 51786214

cagggtttcg ggttgggaga tctgggccaa tggggatgcc aggaatgagt 51786164

gccctttcca tccctcatta gttgaatggc cctcggcaag ttatatgaac 51786114

tagctgtgtc tcagtactct tatctccaaa gtagaaataa taatagtacg 51786064

tatttcatag agtttttaaa aaagtaaatt agttaatgtt tattaaaatg 51786014

cttgaacaat gttgagtata cagtaaactt tatacattgg tttgttaagt 51785964

acccagactc ataaatttca aagttagatt tcagtgaaag atctaagtga 51785914

taatatctag agaacaagca gatttatgaa taaagaaacc agtgagagag 51785864

gtctgcgcta aatgtacata tttgaggatc atcagctcaa atgtgaaatt 51785814

aaaagtgtga ataaaactgg ccaaacagat tttgtggata gaaattttga 51785764

ggagcgcaag tctttgaagg gtggtagagg aagctgagtt caggaaaaga 51785714

atgaaaaaga aacagttata taggtggaaa gaaaatgaaa tgacaggaaa 51785664

ataatatctt gaaacaaaag aggcaattta caagaggaag tagtcagtaa 51785614

tatgagatac agtggaaatg gcaaagaaaa tagaaaagaa aattggccat 51785564

cttattccag ctttttgttt tttataatgg ctgataaata cagttttgac 51785514

acaaattatt acttttcatg taaaacaaat aaaaatgcaa cacttactgc 51785464

ttcaggagca ataacttttc ataaactcaa taccatttat ctattcttta 51785414

acaacttcat tttttggctt tagtatatag cctgaggtgt cattgaacat 51785364

attgaatttc atggttgaaa atgaatagtt gtccatattg agtcatggca 51785314

tcaaaccttt ataggattgc tttcatgaat aactggtttt cttttggatg 51785264

gtgaaatgaa atgaatagat cgatactaag gagaaaataa ttcctctgat 51785214

atggtgattt tccaaagttt cctttgtaga tttgtccctt cctcctttac 51785164

ctcctcccac ctccctcttt cattgaatgc caactcagtt tcaggcattc 51785114

tttctgtcat ttgaatattc cacagtgaac aagacattca gtagtgaaca 51785064

attcctgctt gcattatttt attgggggaa acagacaatt aaatagtaaa 51785014

ataaatgagg aagataagtt tagatggtaa tacattctct gaaagaaatt 51784964

aaataggaaa agtaattaat gagaggtcca ggttggatgc tggcaaccat 51784914

atgttagata gtaaagacct ttctaacaag tcaatgtgac atcagactat 51784864

agagacaaga aaaagctaga cctgcgaaga cttgaacaat agcatttcag 51784814

gctgagggag agctagtgca aaggtcccga gggagaaatg tgctttgtgt 51784764

ggtagtcgtg aggcagaaag gcagcccctg tagctaaaga atagtgaata 51784714

gtagtgagtt tatagtgaac gtcatgagtt tcatgggcta gattttgaga 51784664

tatacagtgt tgctttctaa atgagtccaa attatgctga gaattgctac 51784614

ttattgatag tctcttgagt atggctttaa caagacagaa attagcttca 51784564

taaatatgga aattccagag acatgaattg tgattttagt ttagtaactc 51784514

attgtacaat ttctggaaaa ttccccaata gaagattcat aactgtgatg 51784464

ttgcaaatct ctgtgattgt ttgaaacgtc tgtctcgttt tattggtaag 51784414

gaaactgaaa tccagagaga taattgattt gtttcaaggt ctcagagctg 51784364

acaaaaaaca ggaccaggac aaatggctgt tttagctatc ttaaatatca 51784314

tccttcaagc ctttgcccaa ggactacctt tattatttaa tggcaaaaac 51784264

cacaattact tttgcaccaa cctatatgaa gcctctcctg tctccatgca 51784214

gtagatttca gttacctttc cttctgatcc gtgctactca ttcatgttgc 51784164

cattactgca ttcggtaatg atatgaatag catgttttaa ttagtgtcct 51784114

atctccatta tatgatagac ttaatcagaa cattttataa ccctagtacc 51784064

tactgcatta tagaattctg ataatatgct gttatgactg acaatgtata 51784014

tataagtgaa tgggcatgtt taggtttgtc tttcagctca ctgccttttt 51783964

cttggaaaac attcaatctc cttacactta aatgtctaca tctgtgagga 51783914

agaaattatg gtgttaatgt ttaaatgact acaatatatt tatcccctat 51783864

gtgaaaggaa aaaaggagtt acaaaaacaa atttaaaaag ttgatgtgtt 51783814

gtaggattca aagtattttc atttttacaa tctgttagaa caggaaactg 51783764

acttaaaaat gtcccccact caaagcttgt tcaataaaca tttgtttgtt 51783714

atttgattta aatgtttttt taaacatata aaagctttgc ccatgaatag 51783664

ctgtctgagc ccatcccttt catcaatgtc tcctcttata tgagacattg 51783614

ttctcatgct ttaacaaata tgttccttgt tgttttagat atcaatgctg 51783564

ttaacttgtt attgacccaa acagtcaact caataaagac tgttttaata 51783514

ttgtactttt aaaactgcaa atgaaaaatc ttcttttaat atttttagaa 51783464

ggacttcaga taggggttac caataataca tttgtattaa ttattaaaat 51783414

aatataaaat aaatatagta tttaaatatt ataaaataat aaatttatat 51783364

aattttataa aatttatttg tattgtaaaa atacattttt gaaacacata 51783314

tcctaatgga tatttaaagt ttaatagaaa cctccttgat ccctagtcaa 51783264

caagatatgc cccaaccatt ggtatccctg gggacacagc agttcattgt 51783214

ttctttggcc tgtcacaacc aggtcacatg atgcactgtc tagttgctca 51783164

gtaattatcc taggcactcg ggcttttatc ctaaaacttg tcacatattg 51783114

tttttcaggg tcagtgatgg gtatttgtca gccctgtctc acatttgtag 51783064

ccagaagcct aaggtcatca ttagcacgtg cctttgattg tcaggaaacg 51783014

aagtactagg tatatggaag tttctttcat tgcttccatg attgggactt 51782964

tctcaatcct aaagaagaag aaaaatccat acacagttta ttgcctttca 51782914

aactgacagt tctgtaaggc tcattggatg attaagtaat aagaaggaga 51782864

caaacctgag aaaagcgtag attaaaacat atcctccagc ttaaagccac 51782814

aatacccagt agtcagaccc attgagcagc cagagagaat cttgtatgtg 51782764

atgttcattt aaaaaaatat acaaagttaa aaaagtatgt cctccttcag 51782714

atttaactat gattagaaaa tgacacaaat acccacatat gcaatgtgta 51782664

taatataagt gtacatagat acctgcaaaa tagatggtta gttcagttta 51782614

tttagatgca cagttcccta atcaaactaa cggttgtttg ataaaataaa 51782564

aaggtgacat aaaagggatg tgacttttga agctgttact tatttaacca 51782514

tttaaccatt tgctccattt aaccaggagc aaaagtgtaa aacctttgcc 51782464

ccttagaggt tcaggaaaca ctaaaactca tttctgtgct tggagagtcc 51782414

ctaataaggc tggcagccaa cagttaaata atacttattt caaaatgata 51782364

ttaagaatag aaagatctgt ttattttctg atggatatta gttctctcac 51782314

aacatcacat tatccttaaa tctatatgtg tgtgtgtagt tttaatatat 51782264

tttttaagcc aaacactaat acaaataaat attcttctgt cctattggga 51782214

catcagttag tctttactaa aggcatttgc agtaatcatc tttcctattt 51782164

taataatttt taaatcagtc tttcttaaac tgtacttttg attcatgaat 51782114

ccatataaca gtaatataat atttcttaag gatttattta gttattaaaa 51782064

taattaatca tataaattta ttataaacta tttaattttg catacaaaca 51782014

aaataatttt aggaaagcta gtgaataaat gaatgaatga tttttttttt 51781964

tagttagaaa acttacagga atgtttcagt ttaaggtaaa ctttgtgttt 51781914

tctgaagttc cttgggctgg ccattgaaat aagtagtcac ttaatatttt 51781864

tgctttgaaa tgtctagtgt ctagctagta ctttaggaat tagatattac 51781814

ttgctaggaa gagcttgcct tattttttta agttttcaaa tttaaaggtt 51781764

aattttaaat aagtgtgata cctccatggt tactattact gtttttttaa 51781714

ctactattat taatattgct aagagccaac attttttaaa aacatgtatt 51781664

atgtacagac actgtgccat atactattag catggactaa atcatttaac 51781614

ctcacaaaaa atggatgcta ttattgtgcc tattttatca ttgaggaagc 51781564

tgaggcttaa agaaatgagg taatttgctc gaccttatgg aggaagtttt 51781514

cagaattttt gtacattttg caagtagtga atgaataaca tattttcatg 51781464

tttattttaa tattccatta attgaaaaat tgagaggcct cattaaaaat 51781414

gaaaatttgt tagcctgaat aaaatcactt tatgaggggt tggacattat 51781364

aatttgataa tgcctactga tttttataac caatttttat cttactggac 51781314

tgcaagcccc attctaccct acatttattt tcagatggaa tcagttctac 51781264

tggagaggaa tgttttagga ataagcgagt caaatataca ctgggaatta 51781214

aaagctaatt cagaaaaaaa tatgtgctgc aatttacttg gttgagtgct 51781164

atttaccagc ttgggtttat atgatagtaa gaaggttcta gaggctctgg 51781114

tcttcagaaa attgctattg cagggcatga gaaaaatggt tatgctttgg 51781064

gtagaagctc aacttccaaa gtaaacacca tttaacccac ttctgaggac 51781014

aagggaaaaa tgtacgaaat ttattttggg ggtaatttct ttatctttca 51780964

tgtgcagtcg tgatatttat agagttttaa gattaactca gataaaaata 51780914

caaattatat aaaaatacaa tttgttgctt tggattcagt gactagcacc 51780864

tggaaaatag tatattcaga agatgtgact aaaattttgg ccagtttccc 51780814

ctcttttgat caacaaaact cattgaagag tattctcgga acatagtcat 51780764

ttaacatatt tttattaatt gtggaaaatg acacacatat acaacaaatt 51780714

ttataaaatg aaaaatatat gcttaattaa acattataaa tccagtctac 51780664

tggatatgta gtgagatctc attcttgttt taatttttat ttctttttta 51780614

tgatatgatt gagcatagta gaatgtattt attatttatt tgagagtatc 51780564

ttgttttgtg aaatagctgt tctcttactc ttttttaatg atgaatgtac 51780514

ctgttttata ttgatttatc aaagtcattt atatattttg gaatgtatct 51780464

tgtgttggtt ataagtagta caaatgtctt ttcccactct gtggcttgct 51780414

tttttacttt cttttttttt tttctttgag atggagtctt tctctgtcac 51780364

caggctggag tgcagtgtgg tgcgatctcg gctcactgca acctccgcaa 51780314

ctgggattca agctattctc ctgcctcagc ctcttgagta gctgagacta 51780264

caggtgcgtc gcaccacgcc aagctaattt ttgtattttt agtagagaca 51780214

aggtttcacc atgttggcca gaatggtcta gatctcttga ccttgtgatc 51780164

tgcctgcctc ggcctcccag agtgctggga ttacaggaat gagccaccac 51780114

atctggctgc ttttttactt tcttaatggt attctttgat aattggaaag 51780064

atctttaata tagctcactt ttgaaatttt tttattatga attgtaaatt 51780014

ttgatggaac tatagtcaga aaacaaatgc tgtataattc caatttttaa 51779964

aaatttgtta aactgcttta tcatcatcat atgatcagtt tttttaaatg 51779914

tcttgtgcaa ggtttaaaag aatgcgcatt ctttgtgggt ctagttttcc 51779864

atctatgcct gttatgtcaa atatgcaaat tgcattattc aaaactgctg 51779814

tatcattatt gtattttttt ttttagcaac agttgtgttg gctttactac 51779764

aagtattata ggtatatcca tttgtccttg tagttctgtt gatttttgca 51779714

gtatatattt ttaagctata atggtaggta cataaatgct taaaagttgt 51779664

aatttactgg tgaaattagt cttttattac tagggggtat ttttctttat 51779614

tccaattgtt ttctccagga gggttggtaa aaattaccaa gttaaacatt 51779564

tctggaataa aatatcttca aataaactct gctgggaata catagtttct 51779514

tcttgcgctc actgagagaa ggaggcaatc aggtaaatgg cccttacagt 51779464

atagttttag aagtattgta gcaaaacatg gcattctgtg atagccctta 51779414

gaaggtcact taacccagac ttagttgaca agggcatttc cagaagaggt 51779364

ggcatctgaa ctgggtttga aagtatgtaa gagttggccg tgacaaaaac 51779314

aggaatgaag gcagaggggg gcagaggcaa gggagtatat ggttgcttgg 51779264

ggacttgtat gtttcagcta ttaagtgtgt caaaaagtct gggaagaaag 51779214

gaaggagttt aaaatggaca aaaatatttc taattgtttg ctatttcaag 51779164

gtgtttttaa atgttgccaa ttataaataa ataacactgc agtggagaac 51779114

tttgagcatt attctttgtc cttgtcccct actagttctt gaggacaagt 51779064

ttcttgaagt agaattactt tagcaagggg tacagaagat tttacacaca 51779014

aaaggggaca tctaattcaa gatcatagaa ggcttttagg aataaattac 51778964

ggtggagcca agttttgagg gatgaatcag agttagttaa gatgaaggta 51778914

aaacataaat gctgggaaat ctcatgagca cagaggagag tgagttgaag 51778864

gaagggtaaa taatttctta cgggttggct tggtacaagg tctggtgagt 51778814

catgttgaca gagtgggctt aagtgcaaac taggattata cttgattcca 51778764

tcaaagagct ttagttaata aaataatgaa atgccttttt ttcttattct 51778714

taccttttga agttcctgga acccatttgt accatattcc ccaaataatt 51778664

ataatgatta tctttcatat gccagaactc attttctacc atctctccag 51778614

gtgattttag catctggaac acattgtttc cccttcactg cccaccatca 51778564

tactaagtaa tgcctgcttc cctttacttc ttttctattc ctccatatcc 51778514

acacgtccta ggatggtact tattaagtct aaggcccaac ttcgccattt 51778464

aacagctgtg tgattcctga caagctactt aacctctctt tgcctcagtt 51778414

tcctcatcag aacctcaact gtattcatca taaaattgtg agaattaaat 51778364

tgtgcatgtg aaaatatccg gaatgtcttt gcagcacaat gacaattatt 51778314

tttcctccca ttatgaatac ataaatttgc ccaggtttaa tatgcctctt 51778264

agtatagttt agagaagctt tacaaaggta aaccaaggat gagctgcgta 51778214

tcctgagcat cttctgtctc agaggtggct accctcattt aggggcaaag 51778164

tccacgctgg agagagcacc tcacctttct ttgattgcta gattgagaag 51778114

aaaatgagga tctcagcctt taaagctttc catttatcag cttttacaca 51778064

ttcaagaagc atttcatttt tatgttgcaa tagcatgtat ttccttctct 51778014

taggtcacct ttgccttctt tgtacttagt ccctattctt catctttcgt 51777964

tttctctcag ttacaaaaag gaagccaaat tctggccatt gcagatagca 51777914

aaatatcacg gcaggctaac taattttgcc cagactttct gcgaaagctc 51777864

cacatgtgct gcagtgttgg gttgcataat tgatttaatc tctaatttta 51777814

gaggaacgct gaactctttt tgtgggactc tgcatacatt tctctagggc 51777764

aaaaactgtc ctactttttt ctctctggta tctctttagt gctaggccac 51777714

tttttttttt tttttttttt tttttttttt ttttcccaaa gactctaaac 51777664

taccctccgt gaaataaatg aaatcacagt tggaaaacag cttactggac 51777614

agacttgtaa tggcaagata acagctacgc catacacatt tactaaacat 51777564

tttcatcctc ccctgcttcc cttctttctg ctctagcaca tctttatttt 51777514

cactaagatg atgcatcagg ctctcagctg aggagtggca ttacctacac 51777464

agaggagcaa cacacctttg catattattg gaaatacata ggcttgctca 51777414

cccattgacc tactatatgc ctctaggcag atttacttac ctgtctgaat 51777364

cttgcttgct ttcagcagag tactagagta atggctgtga aggctgaact 51777314

ataaaaatag gtatgtagca agctttagac ttaccttgtg ccttttggct 51777264

atccaggtat ataggaagtg tcagcaaggg gggatgattt tatgttgctc 51777214

aaaagaccag caaccaagat gaaaaccagg caattgtaag tttactagtt 51777164

atttcacatt gtatttagca atgtcatttt tggttatctt ttcgggaatt 51777114

tatatactgg gaagtcgcat ttgatagccg gtggttttta ttaacctgtc 51777064

tgatttggaa tataattttg ggattacctt cccaccagtt acttctcaaa 51777014

caactgactt taataacttt agtatttttg tactctaaga catatgttcc 51776964

attgaaacta accttcctca ggtccatact cactaacgct aatttgacaa 51776914

attccctgaa caattctcat accatagaag tatgaatttt cataccaaac 51776864

tccactgtta acatcaataa aattaggtca gaaagaattc caactgctgt 51776814

ctgagtatca tagccttatg tctttatgag tctttatgct gctaaaagaa 51776764

tttagtttta gaaaataacc tcttatctgt taaataaaca cttagcataa 51776714

acagatctgt gttcaaatag attctgttac ttaatagttg gatcaattta 51776664

gacaagtccc ttaacctgta agcctcttta tgtgcaaata tttaaaactg 51776614

ggataataat tatactgact tctcaggttt gttgtgagga gtaaatgcta 51776564

aaatgcatat aaagagattt gaaggttatc tagccataga cagtgtatca 51776514

ggcaggtttt gccataataa tggtgtgtaa caatccccaa atctcagtgg 51776464

tttacatcaa gaaatatttg tgttagactt agttgaactt ggctccagct 51776414

tgtgcattct attcaggttt gctctgcata tctcttcatt cagataccac 51776364

aggctattta agaaattctg tattcatggt agagaacaac attgaaagag 51776314

atctggtaaa aaatgaaata aaacaaaaca aaacaacttg ccaagtccct 51776264

taaagcatca actgaaaact aatattccta ccactttcac acaaatttca 51776214

ttggtcaaag caagtcatat gaccaggata aatattagta ggtcaggaaa 51776164

gtttacactg ccctaataaa gaaagaagag tgaatacctg gtgaataata 51776114

catgagtctc cttcaaagaa gtttactgaa tcttttttat cctactctta 51776064

tttcatctgc atgaccattg actcctccat atagtctact tcacagtatc 51776014

tacattgcat tattgaaatt atactgcaat ttctccctct ctttctttta 51775964

atttcaaatt gatttgaatg atatactttt ctttgtaaac agGTACTTTA 51775914

GAAAATCCCT TAGAAAAGGA ACAAAAGCTT CTGATTCTCC TTAGAGCCTC 51775864

AGAGGGAGTC TTTTGTGACC GTATGAATGG AATTCATATT GACCCAGGAA 51775814

CAATTGgtaa gagtataata tagtttttat taaaaataaa atgcatgtgt 51775764

gtgtattgtg tgcttgtgtc tgatagagaa atactattca tagaacatat 51775714

gctaaattcc aaacaccctt ttaggcaatt tatatttatt atttcactta 51775664

ccagctctct tgtgagtagt gtccatttta gagatgtcaa aactaagact 51775614

cagagatgat gaacgacatg cagaaaacca cacagcttta tagtgtcagc 51775564

attatggatt aagatccaga ttagtcagac actaaagttt cgactgagtc 51775514

aatattatca actataaata ctactcgatt attgatacat ttatacaact 51775464

gatagatcta taaattaata aggaacattc actgttgaca atttctttat 51775414

ttgctattgc cacaatacca aatgctattt taaattggtc tatgtaaaag 51775364

tacagaaacg gggactggcc ttgtataacc atatgtatgt atccccaact 51775314

aactcagttt tgaggcataa gagaatgttc atcagattta aagtattttc 51775264

tcactttttc tatatgggca ttactaattt tataagtaaa gagggataac 51775214

tcttggcatg aagcaatttt cttcaagaat gttcattttt ttggttattt 51775164

ttcccttact tatataatag ttgaaataag ttcactatac tttattactc 51775114

ttttagctat tgtattgtca cacagcttaa atgttattat atttaaaaat 51775064

atgttattat atttaagctg tgtgacaata caatagctaa aagaataata 51775014

aatatgttat catatttaag ctatgtgaca atacaatatc taaaagaata 51774964

ataaaatata gtgaacttat ttcaactatt atataagtga gaaaaaaatt 51774914

aactaaaaga aaaaatatga acatttttaa agaaaattgg ttgttaattt 51774864

tcttggattc tcccttagat gcattgctgt gttggaggtt ttcaagtaag 51774814

tcatttttcc ttgtggaaaa agagcaagga ccatcatttc tgaggtttct 51774764

gaacactatg agatataaat ttaatattca ttagcagtca atggctccct 51774714

ctctggatct cagtactcaa tagagtggag gcaataatgt taagctagta 51774664

tgaagtttct taacttagtt ccataatata taactattgt catataacac 51774614

tttgatagca ctttaagttt ccaaaggttt tttccatgca tgctatttat 51774564

tttatctttc taataacaag aggttcaaga atgttttaat ttttctaagt 51774514

tgacaaacta gatggattat tataagaata tttgatcttc ttttgcctgt 51774464

ggtattcact cttttctgta gcgtgataac actggaacaa actttctgtt 51774414

aggactatcc acagatgcct gctctgatcc ccgatcctgg ctgtacggtc 51774364

aaactagtgt ctttgaaatt ttctttgata ctaaattgaa ataaagaatg 51774314

aagtatttct tttactgcat gctcaaattt ttgtagtatc ataagtagat 51774264

gacaaatttt aatcgtatta aatcatttgt aatcttcttg aaacaactaa 51774214

gaaatggtgt cattttacag taaacctttg atgattggaa atgaccaaga 51774164

aatctgcttt tctggtcaat tgaattttct ggataattca aatttaagga 51774114

catgaactgc tttttgttat aaatgctttg gttgaaaatc tctttaaatt 51774064

acttcaggat ccttctcagc ctagcttact tagcctatag tgaaaaaaga 51774014

tggattttgg ttttagatga tgatgtctta tgaaatatat aaatgctatt 51773964

atgaaagatt ggtttcagga cacgtcctga aaatggggtt ctttttatat 51773914

ccatttatcc tgatttagtt ttcttatctt ctgacatttt catagttgat 51773864

atatggaaaa aatgtggatg ttgatataaa cagttggtta agttctaatt 51773814

aattgggatt attttttttt tggtccttat cagatgaaca ccaaagtcat 51773764

attatttgta ccttagtggt ctcctgcttc ttttatttct atgttttctg 51773714

atgaaaattg taaaattttt aaatttttag attaatgact tgcaataaaa 51773664

tacagtgcat caatccaggg atatgcagac aatacatttg ggtgcaggaa 51773614

taaaatatta gaacttctat tccaatatat attagtatat tcatatatgt 51773564

gtatattttt tatctaaata taaatatctg agttatctaa ataaaataaa 51773514

tatatatgtg ctgagagtac acaatcacat gttttttctt tttctggtga 51773464

ggttcatggt caaaacattt taaaccacta gaatatgagg aattatgatt 51773414

gaaaatggca ataaaacata taggaagaaa gacatgaaaa aataaaactg 51773364

agctgtatca agcacatttc tcctaagcct ttaatttatt agtctgaaat 51773314

aaactgcatt ttgaaacaaa ggacttagaa atctctccct tgatatttat 51773264

aagacaaaat attaagtcca gccactaaac ataaagctaa tagctccaaa 51773214

actctatcct aaggaaatag agttaaccat gcttttggag aacctagtgt 51773164

gtaacaaaaa atatcaaaac tggttaactt ccaaaagaat tgcaaatggt 51773114

ttggagtcac gtaagagtgg aaaggagtac ctcttcaact ttagtcatta 51773064

gagtggtcta ttttcccacc ttttagatta ttgtgatgtg gtgtagcatt 51773014

cttttttcta tagcatttga gagaataaat ttcatagcca tgtgagatat 51772964

atcttagtat tgtaaaatag agcatttaaa taatgctttt gataatatgg 51772914

gaccttcata tagagattct atatcacatg ttttgcacaa cagcctctgg 51772864

aatgactttt acttacctgg ctttcattcc tctgaaggat ttttctatcc 51772814

aactgttact ccttttattt tcagGGGTTT ATGGGAAAGT TCATCTTTAC 51772764

AGTGCTTATC CTAAGAACTC CTGGACACAT CTTGGAGCTG ATATTGCCTC 51772714

AGGAAATGAG AGgtaaggaa tgagagtaac ttagggcttt ttcttggttg 51772664

ttgtttaggt tgcttctgct tgagattttg ttacaatatg aaactgattt 51772614

ttaggttaaa cattataatt aaaggatgag caagtagaaa aataagcgat 51772564

tatagggaat ttaaaaaata tctctataac ataacagaag gagaacaaaa 51772514

catgcaaaag gtaatagagg aacacagttt atttcaggag aaaattttag 51772464

ataatacata attattgctg tccataaaat cttaaaatat atgaattcca 51772414

tgagataaga gatgaagtat gaggtaagaa tactatgtct aagctgaaaa 51772364

ggtacctcat taagatatag acagaaataa aataggaggg agatgaaaca 51772314

tatgaagtat attgtgaaat ttaataatgc attggaggca gtaaagaaca 51772264

gagtcattgc ttcctcaaag aataggtaaa atgaagaaca aactgatgga 51772214

gacctatcca aacacagagg ataagactag gaaataaaaa taacaaaaga 51772164

taaagtacta gaaatagaga tcagaaaatt aaaagctatc tatgggtcat 51772114

atgtcttttt agtaagaact cagaataact acaacagaaa gaataatgaa 51772064

cactataact gaaatacaca tagaaaatat gggaatagtt acattttatt 51772014

agaaaagatt aatatcaagg atggtgattg ctttattaca ttatcttcat 51771964

agtataagaa aaatagagtg aacaaaaagt aaaggaaagg aacatcaagc 51771914

tttctagcct tagcattcac ctctacacca tcacatgtgg gaagatcgtg 51771864

atgccacatc tataaatgtt taaggaaaaa aatattgtga ccaaagaatt 51771814

ggacacactg ctaagacgct catgtggaaa atggaagaaa attcagtgtt 51771764

caaataaaga gattaaacta aacttaaaat ttgggaacag aaataaaatt 51771714

tgagaataat ataaataact aagaagcact gaaataattt aaatattata 51771664

gtgtaactat ggttattaaa acaaaacaaa ttcctttttt tttttttgac 51771614

acagtctcac tctattggcc aggatggatt gcaatggcac aatcttggct 51771564

cattgcgatc tccacctcct gggttcaagt gattttcctg tctcagcctc 51771514

ccaagtagct gggattacag gcacacacca ccatgcccag ctaatttttg 51771464

tacttttagt agagatgttt caccatgtca gtcaggctgg tgttgaactc 51771414

ctgacctcag gtgatccacc cgtcttggcc tcccaaaggc ctgggattac 51771364

aggcatgagc caccgtgcct ggcctaaaac aaattctaat aattgttctt 51771314

gtaaaagaaa tgacataaca cttgaaaagt taatgtatta gttggagttc 51771264

tctttataca aaaaatacat aatcagtagg ttatgtgcat gtgtgtgtgt 51771214

gtgtgtgtgt gtgtatccta cctgttatat gtatgtaaat tatacaatag 51771164

gtatagtaaa tattaatata catacattta tatataaaga gatgtatttc 51771114

aagggataga tttacacaat tatgggagct ggagagtttg aaatctgtaa 51771064

gcaggccagt atgttgtaaa gtacggaaga actggtttgc cgtcttaagg 51771014

cagaatttct tcttccccaa agaaatctca cttttgcttt taaggtcttc 51770964

tggctgattg atgaggccca cccacattat tgggtggcct aatctcctta 51770914

aactcaactg tgttaaccac attgacaaaa taccttcaca gtaacaccta 51770864

gattagtgtt tgattgagta actgtgtata atagcttagc aaatatgaca 51770814

cataaatgaa tcttcaccat tcaaaattat cagataaaaa tctggaacta 51770764

tagccatagg aggtaaatat gagttaattt gttttactag aattttgaat 51770714

agcatatata ctttccaaat caccagtggg aaaaaaatga aagaaaccat 51770664

aaaataaata ataaaataga aaaaaaaaga aaatgaaatg gtaaaagaat 51770614

aaaagcaaca aaaaaggtat atttaaaaca aacagaaata agaaagtaag 51770564

tacaaatttg ccagttacag aaacaaaata tttgttaaaa ataatgctat 51770514

atagaaaaat tgggttaaaa gtcaaaatat aattataact tttttaccag 51770464

aggaaaactt aaaaccaact aggagaaatt taaagttaaa tattggataa 51770414

gaataaatca ttgacatcta aaacaaaata aaggagcctc aaaattatta 51770364

acaaaacagg taaaaatcaa aataaatgtt tcaaattggt taaataatta 51770314

taatttacat tagtaaagcc ttcaatcata gcaaaacact aacagtcaga 51770264

aaagttttac agcagataat acaatataga aatataaagc aaatctctag 51770214

gaaatgtaag gtgaaattga cagaaacaaa aatcacgatc taagacacgt 51770164

atttatctct ttcagttcca aatcttttaa ttaggttaaa aaaggtaaag 51770114

aaaacaagaa gaacatgaat aatataataa aagcaattta atttatgtat 51770064

caaactactc ctttacccta aaaaatatat atccataatt accttaataa 51770014

attttaataa taatatgtga tcacaatata ataaacatgg agattaaaat 51769964

aaaatataaa ccaacaatct taatttctta caagaaaaaa ggtataataa 51769914

attatcttct aaataacttt tatatccaag aaaatatcaa aactttacca 51769864

acagaatagc tgggaagtaa caataatgag aatatagcgt acgagatatt 51769814

atagaacatg tcatcacatt aaatactttc atgattgaat aagcaaacaa 51769764

acttttctta ttgacagttt tcatattgac agttattcta aacaaaaaat 51769714

tcttctaaac aaagaagatt aactgtcaat atgagaaatt agaaacaaaa 51769664

taacccataa gtctaatgaa ctcaatcaat gcaagaaaaa ggcagaaatt 51769614

ggtgaaatag aaagtagaaa attagtaaga ttaaattttt aaaaagaggt 51769564

agtggtttaa tctctaataa ctttaatcat accaagaaaa ccccaatata 51769514

taaaatgaga aatgacagtt caaatgtaag tacagaatag tttagagtta 51769464

taatgtaaaa aatataaatc tatatagtgc aactttaaca tttctgagaa 51769414

aaatacttta taaaaaggaa tttttaacga taatttagaa ttatcataat 51769364

tggctagaga agaataaaac aaagaacaag gaatagtgaa agatataaat 51769314

ttatcaaaga tttatctcca aaaatacatt tggctcacat aaatttatac 51769264

catgttcttc caatcagttg aatatcaaat aattcctatg ttatataatc 51769214

tattcccagt taatttaagg gaacaggcct aaaataatct ttacacttgt 51769164

ttatagctac taaaataact caaaaaagaa aactgagaaa acatccaaat 51769114

agaatgtaaa aaatcataaa taaaaaagca acaaacaaag caagctatgt 51769064

ttgaatgtgt ttcattcaag tgaacaaaga taatttgaaa tgaaataatc 51769014

cattcatata atttacctta ataccagatg tgaagattaa gaacatgacc 51768964

aatttggcac aaaaaggaaa tatgtttaat aaaattcagc aaacattctt 51768914

ggaataaaca gtaaatgaag actacaagga tacttctttt aaattaatgc 51768864

tatttatttg gatggtataa ccattagttg agaagcactg gtttaagtaa 51768814

taatacaaaa taaacattaa aggattcctc tcaaacagtt ttgtatttta 51768764

ggagaaaaac cgacattaaa tattatcgtt tgttacaaca atcattaaat 51768714

attattatta aagttttagc caatatattc aggcaagaaa aatacattag 51768664

atccaattat tgaaaataat ccaaactatc tttttatgtg gtttataaaa 51768614

tggatatttc atcctataaa actagagaat tatctgaaaa actctcagtt 51768564

gccttcaata aatgcacatc aacatctttt taatatacaa gtagtaaact 51768514

tttaaattat aatgtacaag cttatttaaa atttcaactg caaatatcta 51768464

gaagtaaatt taggaaaaat tacagaacct ataaaaacaa aactataaaa 51768414

cactattcaa tggcataaaa agagttcaga ataaatggtg atgcataaca 51768364

aaaatttgat ggttcactat tttaaagatg tcaaatctaa tacaacttga 51768314

atcacaggtc taatgtatgc atcagaatct gactcattaa attctttgga 51768264

ataataaaca cttgaaaata gccaaacatt actcatctga caaagggcta 51768214

atatccagaa tctacaatga actcaaacaa attttcaaga aaaaaaaaac 51768164

aaccccctca aaaagtaggt gaagcatatg aactgacact tctcaaaaga 51768114

agacatttat gcagccaaaa aacacatgaa aaaatgctca tcatcactgg 51768064

ccatcagaga aatgcaaatc aaaaccacaa tgagatacca tctcacacca 51768014

gttagaatgg cgatcattaa aaagtcagga aacaacaggt gctggagagg 51767964

atgtggagaa ataggaacac ttttacactg ttggtgggac tgtaaactag 51767914

ttcaaccatt gtggaagtca gtgtggcgat tccttgggga tctagaacta 51767864

gaaataccat ttgatccagc catcccatta ctgggtatat aatcaaagga 51767814

ttataaatca tgctgctata aagacacatg cacacatatg ttaattgcgg 51767764

cactattcac aatagcaaag acttggaacc aacctaaatg tccaacaacg 51767714

atagtctgga ttaagaaaac gtggcacata tacaccatgg aatactatgc 51767664

tgccataaaa aatgatgagt tcatgtcctt tgtagggaca tggatgaaac 51767614

tggaaaccat cattctcatc aaactatcac aaggacacaa aaccaaacac 51767564

tgcatgttct cactcatagg tgggaattga acaatgagaa cacatggaca 51767514

caggaagggg aacatcacac tctggggact gttgtggggt gaggggagcg 51767464

gggagggata gctaaatgac gagttaatgg gtgcagcata ccaacatggc 51767414

acatgtatac atatgtaaca aacctgcacg ttgtgcacat gtaccctaaa 51767364

acttgaagta taataataat aaaataaaag aaaagaataa gaggaacata 51767314

ctgagggaca ccaaaatatg ataaatcaaa tgtaactaaa tataataaaa 51767264

ggccaaaaaa aagagaaaat agccaaacat tagcattttt ttttaaatgt 51767214

atgcctctaa tatgagtaat ctgttgttgg caccaaaact aaaaagaata 51767164

ccaagaaata aacacagtca tgcattattt ttagaatttg aataaattag 51767114

catttgaatt tagttgaaga caggctggaa taattagtaa atcctttaga 51767064

aaaatataaa attagattcc cactttatgt tttactctaa attataggtg 51767014

gattagaaaa caaaatgtaa aaaagttaaa accataaaat tatttgaaga 51766964

aaatttaagt aaacatgtaa tttaaagcag taaagactgc tctgatcata 51766914

acaagcaaaa caatagccac agcagtaaat aatagatttg acaatataac 51766864

aaggtcaata tttctgcatg tcagttacaa aatgtgatga caaatgatca 51766814

actagaaaat gtttgcaccc attaactcgt catttagcat taggtatatt 51766764

tcctaatgct atccctccct gtgcacatgt accctaaaac ttaaagtata 51766714

ataataacaa aattaaaaaa aaagaaaata tttgcagcat acaatagtac 51766664

agatgaagga ctaatatttt ttatatgtca agaatgaaaa taaaaatatg 51766614

aatacaccag aaacatattt gtgaaagggt ttgaatatgt aagccacaaa 51766564

aaaaatacat cttgctaata aacatataga aaaaatggtc atctttacta 51766514

gaattgaata ttaattaaaa cagtaatgga ataccatttt taaattttaa 51766464

tttggcaaag atggaaaata gtgaattcca agttgacaaa atagagcaga 51766414

ggctcacatt cacatgggaa ttaatcttac atactagcct agttttgtag 51766364

ataaagaaat aaaaatatgt atgcatatac ataataggga aatccctgga 51766314

aggacataca gcacagcaag gatccctgtt ggtgaaatga taggtagcta 51766264

tcttgatagg tatgctttgg tgtgcttttc tctatgtaca gaatttcttt 51766214

gtagagtagg tattatgttc atggttattt aaaattattt atttgacatg 51766164

attttcacaa atgcttatgt ttgtcaaaca ttgagctatg atctggagat 51766114

ataatattaa gtaaaaactc aaacgttaat caaatagtaa atgtaaaatt 51766064

acatacatga taaattctgt gaaggggcgg gttatgtagg attctgaaaa 51766014

catgaatatg tcaacttgag gcatttatgg gaagttggag aaggcttccc 51765964

tgaagcataa tttcagaggt gggatctgaa agaagcatgg acattaatta 51765914

agcaaagtgg gttatatgtg gaaacggtgt tctagccaga gcaaacagca 51765864

ttcaattatt aagcaaatat ctgaggaata tttactatgt gccaggtcag 51765814

actgtaagca ctagacatat agaagagatt gcaaattaga agagattgct 51765764

gccctctggg agctcagatc ttagttgaga gaaagacgat actcaaacaa 51765714

atacagaaat ataaatgacg tggttgagat tataaaatat gctggtaagg 51765664

aagtcaatat ggtgatatga tcaaaaatag ctggggcaga aaatgtgaag 51765614

ggtaccattt tagattgaat ggacagggaa agtctctttg aggatgagaa 51765564

atttgagctt atacctgaag gatgggtggg aaccagctgg cctagggtgg 51765514

gggtaggggg gaaacaggaa gaaggtcact atagctggcg cagagtgagc 51765464

agagggcagc attgtctgat atggcaagtg ccaagtcata caggaccttg 51765414

ttcaggtata agaggtcaaa ggggaaatca ctgaagggtt ttatgcagga 51765364

ggatggtgga atctgatttt tgtttaaaaa acttctctgg ctgtgtagat 51765314

gatggattgt ggagataaca gtagagctgg gatatcagtt aggaggccag 51765264

ttgaggccag aaatcatgta tctgggactc tggaagaggc agtggagatg 51765214

gagagaacaa ctggtcctcc tgatgactgc atgtggaggc aaggaaagag 51765164

tgctgcaggt gttttgatgg agcacactga tgaatggagg aagcacgcac 51765114

tgagttggga agactgagag gggaataggt ttgtcagggt ggaaggcagc 51765064

aggggcatgc gaagttggag acaccaagag tagatgccaa gaagaaaatc 51765014

agatgcataa tttagggctt ggaagcagcc atcttggaag taggtgatgt 51764964

cattattgaa gaagacatgg gtagaagaga gatttggagc atgggattga 51764914

gattgggggc attctaactt tttagatatt gaggagtcaa cacaggtgat 51764864

tgagaagcag agggtggaga cgtgattctg tggttgggag ggagaatgga 51764814

gaacatgagg gtctgaaaga ataccatgat ggttgatgtg gagagtaggg 51764764

gctgatcatg acagggttcc aaggagttgg ttaagtgtca gggccacata 51764714

cattggcaat atcaagaatt ttaatccagt ctatcattgt tggacatttg 51764664

ggttggttcc aagtctttgc tattgtgaat aatgccgcaa taaacatacg 51764614

tgtgcatgtg tctttatagc agcatgattt atagtcattt gggtatatac 51764564

ccagtaatgg gatggctggg tcaaatggta tttctagttc tagatccctg 51764514

aggaatcgcc acactgactt ccacaatggt tgaactagtt tacagtccca 51764464

ccaacagtgt aaaagtgttc ctatttctcc acatcctctc cagcacctgt 51764414

tgtttcctga ctttttaatg attgccattc taactggtgt gagatggtat 51764364

ctcatagtgg ttttgatttg catttctctg atggctggtg atgatgagca 51764314

ttttttcatg tgttttttgg ctgcataaat gtcttctttt gagaagtgtc 51764264

tgttcatgtc tttcgcccac tttttgattg ggttgtttat ttttttcttg 51764214

taaatttgtt tgagtttatt gtagattctg gatattagcc ctctgtcaga 51764164

tgagtacacg tggacacagg aaggggaata tcacactctg gggactgtgg 51764114

tggggtgggg ggagggggga gggatagcat tgggagatat acctaatgct 51764064

agatgatgag ttagtgggtg cagcgcacca gcatggcaca tgtatacata 51764014

tgtaactaac ctgcacaatg tgcacatgta ccctaaaact taaagtataa 51763964

taaaaaaaaa aaaaagaatt ttagttttta ccctaagagc attgtgaagc 51763914

tgttgtaggt ttttaagggg gtagtatgga taggaggtaa cacttattat 51763864

catacttgta catctaaaat attgtaggca gaatgtagac agcaggagag 51763814

cttgatagta gatccagaga cacccagcaa gagacagtgt aattgtagtc 51763764

aggggctgca ggagcaatgg agaagtgggc agatttaaag gcaggagata 51763714

aaccctataa gacacattga atatgaagtg cattcttggt ttctggtttg 51763664

tgtagctgga tagtggtgtc attcacttga ggaggactaa gtttagagaa 51763614

aagattatga attcagatta ggtcatgttg aatttaaagt gcttttctga 51763564

tattcaaaag gatttgtgaa gtaagcattt ctaacaagga tcaataagaa 51763514

actttaatta taattaaaag gttagcaagc tggaatttgg caggaaccat 51763464

atgaatggat ttttcttata agaatgtgtt aaaaacctca tttggagtct 51763414

gagctacagg ctattttgaa aggaactcaa ttttattaat taaaactatc 51763364

catagtcatt aactagctac catttatttg gttcttatca tgtaagcttg 51763314

ttatatgtca ggcctctact aagcatttta catacattat ctcatttaaa 51763264

tctttcaatg ctataagtta ggtattatta tctgcatttt atggatatga 51763214

aaactgaggc tggagaagtt aagtaaatgt tccaagttca taaagctaga 51763164

aattcctgag gctggatttt tcaccctgat ttgtctgatt ccattgcgtg 51763114

tgttctacat attacaaata ttaaaaacaa agtttcttag tatcagtcct 51763064

gaggagaaat aatttaatga gtttatacaa atgatgtgca attaatgtag 51763014

tatattcatt ttatggaatt ctttctcttt aaaacctttt ttaaaatgtt 51762964

aaaaataact tcagactcaa aataagttgc aaaaatagta gtttacatat 51762914

acccttcact cagtgttccc tgatgatagc atattacata actatagaac 51762864

attagcaaat ctggcaagtt gatattggta cggtattaac tgagctacag 51762814

accttattta ggccaccttt ttaaacatgg ctctacaatc ttaaaagtca 51762764

attcaataag tctttgtctt tctaatatat tgtgatataa gcatatttca 51762714

gatgaactgt ttcatgaatt ttcaccaaaa gaatttgata cctgaaaata 51762664

tatatatata tatatgtgaa taatggtagt gtgaaaactt cggaggaaaa 51762614

gtttcatgtt aactttataa gcttgtatct tacacaatca accaaagtaa 51762564

gcttagcaag atattttgaa gaaaaattat tttcttttat tctgtgtttt 51762514

atcaatttat ctctaaatta ctctctgttg ttgcttgctt gagttgactt 51762464

gtgaagactg atgaacaaaa ctgttgaggt tttatttgga ttgtaaataa 51762414

atcaagacaa gttagattta gacacaaaaa attgctttta cccattacaa 51762364

atgttatgta tatcttttgc tgtgagtctt tgaagggtag ccatgtgatc 51762314

tttgaaatta aatggttact ttgtcaacca atcttatgat aaagattagg 51762264

ttttatcttg gccattggaa gattttaaac gagacatgga cagagcctga 51762214

cttatatttt aatctgattt atgatgtgtg gagaattgac tattggtggt 51762164

ggtgatgagg aagagataag agtggaaata gagacactaa ctgttaagac 51762114

attgctatgg cagttttttg ggtaacacat gatgatggct tagattagga 51762064

tggcagtgat ggaggagtaa agatgtggat aaatatatgt tgaagacaga 51762014

agtgacatga ctcctgatgg actgaatatt gaggaaaaga gaaagagaag 51761964

agtcaaagat cactcttaaa tttttgacct aagaaactag gtaaggagcg 51761914

ctgccattta ctgagaaggg gaaaacaggg agaagagctg gattatgagg 51761864

aaacttcccc caaattctta tttttttctc atttcttatc tcattgaatt 51761814

ttcaagaaaa tatataagac atccagtctc tttgtcctgt tatcctttct 51761764

ttctcaagtg attgacttat ttcgttttat tttttaattg acaagtaaaa 51761714

attttatgta tttatgctgt acaacatgat gttttgatgc atgtattgca 51761664

ttgtggattg gctaaatcta cataattaac atatgtatta tctcatatag 51761614

ttatcttttt ttgtggtaag gatacttcac atccacactc agcattttta 51761564

aagaatacaa tatattaata actgtagtca ctatgttgca caatagatct 51761514

cttgaattta ttcttcctat ctaactgaga ttttgtattc ttttatcaac 51761464

atttcttcaa cctttgcttc cccccaccac cagccaaacc agcagcctct 51761414

ggtaacctgc attctactct ctagtccagt gaattccact ctttttgatt 51761364

ctgcatgcaa gtgagatcat gtggtatttg tcttcttggg cctggatcat 51761314

ttcacttaac gtagtgtctt ccaggttcat ctatgttgat gctaatgacc 51761264

agattttctt ctttttaaag gctgaatagt attccagagt gtatgtgtat 51761214

actgcatttt ctttatccat tcatttgtcg atgggcacct agattgactc 51761164

tatattttgg ctcttgcgaa taatgttgct gtgaacatgg gagtgcaaat 51761114

atctcagaca tactgatttc atatccttgg aatatatatc tagaagatgg 51761064

attgctggat catattctat ttttaattat tgaggaccct ccaaactctt 51761014

ttctataacg gttgtactaa tttacatttc tactaacagt atgcaagggt 51760964

tctcttctct ttccatcctc actaaccttt gttatctttc actgttttgg 51760914

taattttgac aggtatgagg tgtctgaagt gatttattaa catactctgt 51760864

tatttacaag gaagaaactg tgaactgaat aagaaatcaa gtcatttgtt 51760814

acctcatcct tttctccagg ccctaaacct ttaaattgaa tgtcataatt 51760764

gattatatct attcctttat ctcctatgtt aaattaatga tgtgttcttt 51760714

gtatatattt tgtttggaat gtttcttttt tctttcctat ctgctacatt 51760664

ctcattgcag cacttcaccc atggctctct acaacaactt ttgtactggc 51760614

tccttaagta cctaataaat gaaataagag tatcagatgc agtattcttg 51760564

catctcctcc ttgactgtat aacttcctat ttatccttaa agattccatt 51760514

acatcagaca caggacttta ggtatctccg actctacaaa ttttcccatc 51760464

atctgaacgt aagatgtgat tttatgattt gtaattttaa gaaaagcata 51760414

acactaagat gtttaacatt tgtgtgtcct gttcctccaa gtggcttcta 51760364

taggggagag atatattttt gttattgttg atttggtata ttagtgtcta 51760314

gtgcacagca gaacataaag aagggctcca ataaatgcat gctacattga 51760264

cttgatgtgt attttctaga aatcagaact tattgagctt cttggttcaa 51760214

tggcatatta tctaacaaat gagagaatct tgaatttaat ttcaaatact 51760164

actataattt attttgctca ttcctcaaac tttattatta taacaactta 51760114

gtttaagtat tagaatatag agttggtggc cttatgcact cattggcaag 51760064

agttcaggat cacatatgta acctctaaaa gatgatgatt ttttttcata 51760014

tgttagaggt ccaataaact attgggttct attgccaaat tcactactat 51759964

tatgatgctg gtgaaaggca tatgtttgga aggtaggttg gaaatatatt 51759914

ctgcaatgaa aaggagtttg aactttgagg gcaggcagac taattctagt 51759864

taggtggtta gctaaaggtg taactctgag taaattactc tctctgagcc 51759814

tcagttttat tttctttaat tatgtgagta acaatacatt gctaatagaa 51759764

tagttataag gattgaggga gttaatgcac atgaggtgtt aagcccagtt 51759714

tctggcacag tgtaagcctt aagacagggc agctattgtg gcaatcgggg 51759664

ctctttaagt cgaaagtaca agtaaaagta acccttctta agccattttg 51759614

aagactgtat caagcccttc ctctcctcct ctactttttt acttctttat 51759564

ttcaacctct tttttttcta ctggagaata gttttcttca ttctgtatgg 51759514

tgcaagtgaa ctcagatctg tttggctttt cctagctata ccaccagtga 51759464

ggaggttact actaattccc ctcagtttca ttcaaaattc caggggaaag 51759414

attttggtga atgaatgcag gttggatcct atgcccagcc tttggtgaag 51759364

ggtttgtggg actttaacct gcagctctca cagatttcag tatagtggat 51759314

gggagcagtt ctcagatgag gtgtgaggga tttcctggaa tgaagcagag 51759264

aggaagtcag gtagacaaat aattggtatt gactatagct ataattgttg 51759214

tcactcacca tctttaccag catcattata gaattcaatt tcttctctat 51759164

caagtgtaga ataatacagt ctgagaatcc tcattacatt ttaatggcac 51759114

tgatagaaaa attttaaact gaagttacaa aatgaaaaag actaaatatt 51759064

agtagagttc agaaatctgt ggccatccct attcctggag gtgcaggtga 51759014

gacagggcat gttttgtgat atgtacactc tgagcctgtg gtcaaatgca 51758964

gttattatca ttaagatctt acaagtatta agttaacaaa ttcatttaag 51758914

ttgtaggtgt ttacacgtga atgtcttaca catttttgta aaaactttta 51758864

aatcaaattt tgaagcattt ttaaattctc tgtaaataat aagtattata 51758814

tttttgtcta gtaaatatta tttttctctg aactaggtca aaagttatgc 51758764

caaaataaag aaactgtact gatattttgt ttatattttc ttagagttat 51758714

ctttaaaaag acttccacag tgattattca taatttcctc tctcttctca 51758664

tatggtttcc atttaggtac aattatgttg aaaaaaagtc ttttaatttt 51758614

ttgtttattt attatttgag gtatgttttg ctcataacaa caagcaagtc 51758564

tcccctcttc cctgaagatc taggagtcat actaatcaga ggaataaaat 51758514

acagagaata cagctgggat tttgagccag tcgttaagct agttcgtatg 51758464

attgaagggt aaccataatg tttgaagact ggaactagga atagtggatg 51758414

ttggaattta aggaaaactg acatttgact agcagaacca actaggctat 51758364

tgatactgag accccagttt cctctgaagt taccactgtt gctatatgga 51758314

catagacgtg gaaggggcaa tgctcctttg acatctgtgt atggttctca 51758264

tgatgtatag aacccgaaag acttcaggag tatagaggaa agatacattt 51758214

taatgaactc ataaggtttg ggaagccaga acagaaaagg tcagattaag 51758164

tttatttatg tttttaatat aaagtttgaa ctaataattt taataattcc 51758114

tagaacattg ttaggtgcta tggggtttag atagtgattt ttttcctgtt 51758064

tgctttgttt tctctctctc tctctctctc tctctctctc tctctctctt 51758014

ttggcagggt ctcattctgt tgcccaggct gctggagtac agtggcatga 51757964

tcatagctca ctccaatttc aacctcaggg gcctaagcca tcctcccacc 51757914

tcagcctccc aagtagctgg gaccacaggt gtgtgacatc atgctaggct 51757864

acattttttt tttcttttca cttttgtaga gatgggatca ctctagttgc 51757814

ccagactggt cttgaactcc tgggttcaag tgatcttcct gtcttggctt 51757764

cccaaagtac tgggattata aggcaagagg cactgtacct ggccttatat 51757714

agtcttattt ttattaaata tcaatgaaca ataaaaaagt tgaatggtca 51757664

cagaagacaa gaatacaaaa ccagtcacaa ggcaataaac agcatttttt 51757614

atgtcaaatt gatggtggta cagaaagtgg ggaggctttg ggcattcagt 51757564

ggaaagagac tcccattgaa gacttcttga aggcatagtg accgtagtga 51757514

cttgtgtcag ttttcaagaa tgagagacct gaagagcaaa gtaggggaga 51757464

gtgaactgat tcatctggct ggagcagatg gcttatataa ggaagttaga 51757414

aaatgaagct ttatgagttt taaatttgca ttagtgttca ctcaatgtta 51757364

aacagttcta tggattttta caaatgtgtg atcgtgtata tgtactccca 51757314

tagtattaca cagaatattg ccctaaaaaa tctcatgtgg atgagtttta 51757264

atctcacttt cacatgaaac ttctcagaat attatagtga cctattattt 51757214

gaagagcttt attcaacaat ataaataata ataaaaagat tgtctaggtc 51757164

aggggtcccc aacccccagg gccacagacc agtacagatc cttagcctat 51757114

cgggaaccag gacgcacagc aggaagtgag tggtgggcaa gggagcatta 51757064

ctgcctgggc tccacctcct gtctgattag gggtcattag attctcataa 51757014

aaatgcaaac tctattgtga actgtgtatg tgagggatct aggttgcatg 51756964

ctccttatga gaatctaatg cttgatgatc tgaggtagaa cagtttcatc 51756914

ccgaatccac ctcccctgtg gaaaaattgt cttcacaaaa ctggtccctg 51756864

gtgccaaaaa gcttggggac tactgagaaa tactaactat gaagtaaagg 51756814

attaatttca attatacagc agattgactt ttttttccct aactacaata 51756764

tactacctga taagttagaa aattgagatt taagtgaaaa tcactaataa 51756714

tcccaccatc cataggtagg ctaacatttt aacatgcatc tttcctattt 51756664

tctgtgcatg tatcatttta ttaaaaaatg gagcatatta ttttacgtcc 51756614

tgctttttga aatcaataca tcatgaacaa aatttcttgt aattcagtgc 51756564

tcttcaacaa aatactttaa aaatggctat acagtattcc attgtatgga 51756514

tcatagactt cttataattt catagattat gaaaagtggg aatactcttt 51756464

ttctaatacc atttagcacc tgaagaacta aaaataagac aggcaaagtg 51756414

agattattta gtggaaaaaa tgctggactt tatcagtagt cttcctttgt 51756364

cctaattcaa tcactggctc catgtattta tctagtctta cattttgtta 51756314

tttaaatcta tttggaactt agtttccttg cctttcaaag cttgtggtgc 51756264

ttaaatattc tgtaactggg agttttctag gaagtcatag caaatcagga 51756214

acagagctaa gactctaaat tccttcatta aagttgcatc aattgatagt 51756164

agtttttttg tcttctctat gactctttct ccaaccttag gtacgtagat 51756114

gtgaattaat tataatattt catttattag actcatgcca ttggcttgca 51756064

aatgattagg tttaatttat gtttcctttt aggggcttaa tactatatat 51756014

taaacatctg tattattaat atgtactccc atggtattac acagaatact 51755964

gtgtaataca cacccataca gtagactctt taaagatatg tgctaggcag 51755914

aatttaagtt atgtatttta atacaaatga catatgtttt atttatcgta 51755864

tgtctctagc atctactcta ttgtctggtg cataagattt gctcggtcaa 51755814

taaaggttgc atgattgaat gccctgcaca tggacactgt tgtctgaatg 51755764

aacattcact atagaggaga ctctttatca aagcttgcta aactttgggc 51755714

attagctaat gaagcaggca attaaattta tggtgttgaa gttggtaatg 51755664

actatgaaga aaataaaaca gtcatattca gagggaatgc taggcggcag 51755614

tgaaagactg aacagaaact gtattaaatg tgtgtcttga aaaataccaa 51755564

aaatgaacac aaccctcatt gtttcataat gtgatgaaag agaagacaga 51755514

aagtacaaat atagcctttt cagatgagga tatgaagccg aggagtgaag 51755464

tgacttctca aggtcacaca gctggtaagt gacacctcta cgattcacac 51755414

ttgtatctgt ttcatcatga aggtaggatt tgtaacacat gatgaaaagt 51755364

tgtccaaaat gtccaaagtt gtcaaaaaat ggcattatat ttctctagaa 51755314

aattagagaa aagttctttt ctgaaatgct gttattattg aatctgttcc 51755264

ctaatccaga aagaaggttg ctgatgtaga catgtgtact aacctctgga 51755214

acttttattg ttttttattc ctttgctgta tttcaggggt catcgaatat 51755164

cttcactgtc tctgtaacat atacattttc aagccagaaa actgactcca 51755114

ttagctaaat taaactgttt gcgaaagcct ttttccactg ccatgtctta 51755064

tttctatttc agtttctctg gtgggatatg ttggtcacag tggatttcct 51755014

tttcttgctc tggagttaat agatgatttg tgctgcactg ttagtatatc 51754964

caatgccatt gttatgctgt tacagAATTA TAGTAGAAGA TGCAGTGGAT 51754914

TGGCGCCCCC ATGACAAAAT AGTCCTTAGC TCCTCTTCTT ATGAGCCTCA 51754864

TGAAGCAGAG GTCCTCACTG TGAAAGAAGT CAAGGGCCAC CATGTGAGGA 51754814

TCTATGAACG GCTCAAACAC CGGCATATTG gtaaggcttt ggtttgttgg 51754764

ttaaggtaag tgaatgagct aggaagacca tgtttggtaa cctagctggg 51754714

gacctcggat ctgattgcca ttcagagggg aagaacaatg ccttcctgtt 51754664

gacctagact catgctacgt ggccttatct ctattccctc attaattttg 51754614

ttgctttatt tttaaagaat acttggatgt tatacacata cacacataca 51754564

catgcacaca cattttgctt tttatttata atggcaaatc taagagcaga 51754514

agggttgaga gtcttgttca aggtcactgg gcagttttct ggctaagcca 51754464

gaataaaact tatgggcact gagtttccag tttatttcct gacacattga 51754414

attataatcc cttagaatat tgtagttact gtaaataatg atttcatttt 51754364

ccatacttag aaatgtgtcc ttcctgacat gaagtacatt ttatgtatta 51754314

actactacta ttactattac tgcaaaaaat gaaagaaaaa agcccagacc 51754264

tttttttaaa taaaaaaggt accaaatatt tttatacaca atacacagtt 51754214

agaatgtact acatataaat aataaatcac aataaccttc ctgattcagt 51754164

ctaataaata aatctaatcc aggagatata gctaatcagt aataaactgt 51754114

ggaaataaag gggatggaga atgtcttttt gtctctgata cttgagaggc 51754064

aaatccatgg tttcaccagg aatatctaaa gctctgtcta aatcaatgtt 51754014

cccaggagca tttctttttt agtaagtggc aaagaaaaaa gaaatcttca 51753964

gcaatgattt cagtaaaatg caaggtgaaa tgcaaatggt agacagtgaa 51753914

acaaactagc aagacgctta gttcccactg ctgtggaagc tgttcaggcc 51753864

gtgatgagtg gaagatccac catgagaggg cgctgctgct gcctggtgct 51753814

gcttctcgct ttccttttac acacagctgc ttttgctctg tcactgcctc 51753764

agttgatgtg ggactcctca ctctcatgaa agaggtccac ggacaatgta 51753714

caacccaaca ctgaagtctc acgctgacct atttaaggca ggttggggac 51753664

cccactaatt ggacaggtct gccctgactt ccctgaacca gtgacctgtt 51753614

ccagtaccca cagttattaa gaagaaatga attcttgctc aaacactctg 51753564

actctgatcc caaagagaga caagtgaatg ggttatttta tttctcagct 51753514

gacctttgtg gagaatgccc caggaaaagc agaccttaat gttggtagaa 51753464

cttctgaggg gaaaggatgt tttcatttct caggtttgct gggtccccag 51753414

ctagtgattt ttgaaacagg tttttaaagt ttttttttcc cacaactcct 51753364

attgccccag GAAGTGTACA TGTCACGGAG GATGGCCGAC ACATTCGTTT 51753314

GGCTGCTGAG GTTGGACTGT TGACCCGAAA TATACAAATT CAGCCTGACG 51753264

TATCATGTAG GGGGAGACTG TTTGTGGGGT CCTTCAGGAA GTCCAGCCGA 51753214

GAAGAATTTT CAGgtaaatg aaattttaag taattggcca ttaccagttg 51753164

gagcctattc atctgggaca cccagaaatc ccaactgtga gaattttcat 51753114

ttataaaaca aaatgttcaa atgagatagt tcctttgtgc ttggagaagc 51753064

tatgaatttt cagtcctaat ctgtgcttaa ttatcagtgt gatgttaaaa 51753014

taatatacta gtggtcagca catatgcaca ttttacctca aagaaaacat 51752964

cttcagcaga tgtgaaattt ccactgcttt gaaattatag atgatttaat 51752914

gaccacttca attttatctc tttcctgaat ttctgttact ctttcccagt 51752864

agcatgctat atctgatggc aggcatcagt tcatgctata aattaatagc 51752814

gtaaatttaa ataaaaatga tttccatatt tcagactgct ttaaggatca 51752764

gttcaatctt tcttgtttct ttcaagtttt agcccttttg gaatgctgca 51752714

aaattatttg attaggacct cgtttcttaa acttgtgttc cttatacatt 51752664

attccaaagt tctttcctga tcaaatagtt tggttgtcac tgtagctcca 51752614

acttataaaa tcgtggtgta catgaatata taaaggcctg gagaaggccg 51752564

agaataaagg atctaaacac ttcccaaata tattcagtat gggacactct 51752514

ttgttggcac aactatttta ccagttttgt aaagggcagt gtttggacct 51752464

taaatcagac atttaagatt tctagttaat agagcaagct ctgtctccat 51752414

aagccgttat cagtggtgat ttctgcccgc taccccaggt gatatttggc 51752364

aatatctaga gacattttta cttgtcacaa cttgagggag cttctggcat 51752314

gtatgggtag tgccaaacat cttgcatgca caggacgacc acccatagga 51752264

aaggagtatc tggctccaaa tgtcaatagt gttgaggttg agaaccctgc 51752214

tctagatgat ggagacaaag gctggttcaa atcttttaag aattgaacca 51752164

ttcttttaag aaccccattc taaggttgag gaagatgggg aatcaggaag 51752114

gagagagcaa gataagcccc cagttaactg aagccacagg gcaagctgga 51752064

gcatggtcac aggaacagga cagaaggcca gttcttacag ctgagcacca 51752014

agccagagca gaaccagcag caagactgac ctgatcctaa acttctaaca 51751964

atgctgatcc ttaaatcatc ccctggggaa gggaaacaga aactctattt 51751914

tgtgtttctt gtggaccaga aactgtgctg gttttcatac agtgaaaatt 51751864

ttatcttatt taatcctaaa atcctcataa gagaaattta tattcctatt 51751814

acaggaaata gagtctatag tacaattgcc tatttattta tgtagctcct 51751764

tcattagctt ataaactcct tgaggtgaaa aataggtctt tcatctgttt 51751714

tcctagtgtg gtaactgctg tacattaggt acttaataaa tatgaatgaa 51751664

aaatattaat gaagagtaag gaaagtcatt caagtagtaa gtggtagatt 51751614

cgagcctggt tcttgttaat taaactttta attttgtaat aattttggat 51751564

ttatagaaaa gctgcaaagg tagtatagag agatcctgta tacctttcac 51751514

tcaattttct tccattaata gctgatataa tactagtata tttgtcaaaa 51751464

caaagacatt aacattggta catgaccatg aactaaactc aagactttct 51751414

tcaaatttta tcagtttttt tctgttccag aattcaattc aggtttatac 51751364

cctgcattaa gaatgcttac atttttctat aacatagtcc agggcctgaa 51751314

taagaaggga tctgcaggtg taggtcaggg atggcagata tgggtactga 51751264

tttgttatag accagaaaag caggccaaga cttttgagtc ctacttttat 51751214

attggagggc tccatcattc ttctcttcct gaataatacc cagcaagttg 51751164

tacttaactt gctgaaatat ttttcagtag tgattttcaa aaggaaaaat 51751114

aggaaaatag ttgtgaataa aataattgct tcattcaggc tgggcactgt 51751064

ggctcatgcc tttaatccta gcactttggg aggctgaagt gggcaggtca 51751014

cttgaggtca ggagttcgat accagcttgg ccaacatggt gaaaccctgc 51750964

ctctactaaa aatataaaaa ttagccaagc atggtggcat gcacctgtag 51750914

tcccagctac ttgggaggct gaggtggtag gatcacttgc accctggaga 51750864

tggaggttgc agtgagctga gatcatgcca ctgcattcca gtgtgggtaa 51750814

cagagtgaaa ctccatctca aaaaaaattg cttaattctt tatttaatgc 51750764

tcaagacatt ttaagtcttt actaattgat taattttcag tcattggtta 51750714

atgtgcacag cagtaaaaag accttgtaca gtttaaaact atgaatcaaa 51750664

tccatggaag cataagacat taaaaaaact gataattaaa ataatcctga 51750614

gagcttctgg atagccgaac atgtggagct tcctagacta aggtggcgca 51750564

cccggggagg gaatgggagc tgcatgccct tccctcatgc cgtgccctac 51750514

acatctcttt atttatctcc cttgtaatat catttataag aaacctagga 51750464

aataacaata atactgacat gttgccttga cagagattct aaaatcacat 51750414

taaatgctaa aaataagcta tttatttatg gacttatgct tgcatttggt 51750364

gttctttgtg ccaaagttct acgaagcagg tttgccagct ctttcagcta 51750314

tgtgctattg gtgagggata ttgcccaaga aatagctttt ggatgtttta 51750264

ttgttctgtg aatatgtcca caccatctac gaatgcctcc tcaatagcac 51750214

ccattgagaa atttagatac ttcggaatcc tgttgcctgg ccccaagtag 51750164

acgtataggt tcctttactt agcctgtctt tctcaaaagg acttgcttct 51750114

tcatggcagc cgatttgcaa gggttctagt ttctcatttc tgaaaaggta 51750064

gtggagaaat gaggggttta ggctgtactg cctttgaaac ttaaatacta 51750014

ttaatactat tattgaaaca gtgaaacaga aacttcaaat gtattgcttc 51749964

ctttattttt aatgagataa ataactttat agtttacttt agtcagtacc 51749914

ttaaaaatga aataaaagga gccaaagttg tgacctacct agcaaaggac 51749864

acacaactaa ttattggctc atagctatag ggcagttatc tgaatcataa 51749814

tgcagagatg ctacttttgt accacaaagt ctttctgtct ttccaggatg 51749764

cctgcatggg gttaatagtg cggcttctca tccatatgcc taagtttaag 51749714

tcctagtttg ttagttcact cttctctgcc tcaatttcct tatctgtaaa 51749664

atggggataa taattgtacc tacctcatag gatttttttg aaaattagga 51749614

gtatgaataa ataaatgaat aagaattaga acggtgtctg caaataatga 51749564

gtgttatgtg agagttaaag tatttaattc acctcattat tattgcatat 51749514

taattcatct ataatcatgt tattattaat tttaccaaaa gtatgtatgc 51749464

tgaatcattg tatttttaaa tcaacttact gggtgtattt tatagtgtgt 51749414

tttaacaata tctatttaaa acagtacaaa taaaactaca aatgagagta 51749364

aataattcac tattttctcc tcacataaaa gatatagaaa atcttataaa 51749314

aatgaaacag tgaataaagt gtagtcagga taaaaatata gaaaacattt 51749264

tacagaatct ttaaagtgat tttaaaagca tgttattgct cctaccatgt 51749214

tttaatcaga agcatgtatg gaatatcagg cttctggaca tcaactgagc 51749164

agaaggaaat ttcgcactca tactcttctt cagaaatgct taatattcat 51749114

ttgtgcagtg tcttcttggg aatggctgtg gcctttcacg tggtgtcact 51749064

gagacactga gagggagact tgactttgag gtgaagggcc agaaacccag 51749014

aatctattct tacccagttc tttgacccgg cccccgacaa atacacagaa 51748964

tcgttaaact tggccatgcc catccccaaa gtttgcctct ttcctatttc 51748914

tcctctcatc tttccctgtc ctgtcaccag actcttcaga ctgcacatgc 51748864

aattcaggca ttaatgtgat acttgtaatg attcctacat ttttagttga 51748814

gaatctatgg tgtgaaatat aatgttggtg ttgagaataa acttacattt 51748764

tcattaaaaa tgttcatatc ttaatgcccc aaaatgggcc attcttcagc 51748714

cttttgtggg gaagaggaaa gtacctgatg acatgcattt gtttatagGT 51748664

GTCCTTCAAC TTCTTAATGT GGAAATTCAG AACTTCGGGT CACCATTGTA 51748614

CTCATCTGTT GAATTCAGTA ATGTGTCAGC AGGATCCTGG ATCATATCAT 51748564

CTACTCTGCA CCAGAGCTGT GGCGGGGGCA TTCATGCAGC TGCCAGTCAT 51748514

GGAGTACTTT TAAATGACAA TATTGTGTTT GGCACAGCTG GCCATGGCAT 51748464

AGATTTAGAG GGTCAGGCCT ATACTGTCAC TAATAACCTT GTGGTTCTGA 51748414

TGACACAGCC AGCGTGGTCC ACCATTTGGG TGGCGGGAAT CAAAGTGAAC 51748364

CAGGTAAAGG ACATCAACCT CCATGGCAAC GTTGTGGCAG GATCAGAGAG 51748314

ACTTGGCTTT CACATCCGAG GCCACAAGTG CTCCTCTTGT GAACTGCTTT 51748264

GGTCTGACAA TGTGGCGCAT TCAAGTCTTC ATGGCCTTCA TCTCTATAAG 51748214

GAAAGTGGAC TTGACAACTG TACCAGAATC TCTGGCTTCT TGGCTTTCAA 51748164

GAACTTTGAC TATGGTGCCA TGTTACATGT AGAGAACAGC GTGGAGATAG 51748114

AGAACATTAC TCTGGTAGAC AATACTATTG GTCTTTTGGC AGTAGTGTAT 51748064

GTATTTTCTG CTCCACAAAA TTCCGTCAAA AAAGTGCAGA TTGTGCTTAG 51748014

GAATTCAGTC ATTGTGGCCA CCAGCTCTTC TTTTGACTGC ATTCAGGACA 51747964

AAGTGAAGCC GCACTCAGCC AACTTGACAT CAACAGATAG AGCTCCCTCC 51747914

AATCCAAGAG GAGGTCGAAT TGGTATTCTG TGGCCTGTAT TCACCTCAGA 51747864

ACCAAATCAG TGGCCTCAGG AGCCATGGCA CAAAGTGAGG AATGATCATT 51747814

CAATTTCAGG AATCATGAAA CTTCAAGgta ggatgtttta ttttatctag 51747764

gcagtgccat ttcatacatc catgcataaa atttttaatg gcattctgaa 51747714

attttatcaa caaaaaggta cattgtggtc tagtgcttgc tgtccaacct 51747664

gctgagtatt gatagccaca atggtagttt ataatttctt acaaaagtca 51747614

ctgctttata catattgaag agctttctac aacaactatt attttttaat 51747564

aaaatttaaa aaatttgaat ataatgagat gggatcttgc tatcttgacc 51747514

aggctggtct caaactcctg gcctcaagca gtcctcccat ctcagcctcc 51747464

caaagtgttg ggattacagg cataagccac cactcccggc taacacagca 51747414

attatttaac ttgattacat aagaactctc ttggttaggt gttatttttc 51747364

ctattataca agtgaggaaa ttgaaatgta gaagttgtgt ctcatctgaa 51747314

gttgcttagt agatggttga gcaacgaggg ttaaaatcaa agttgtgaca 51747264

cgactggtgc agttcatctt ctattagatc tcttgtacca ccattgtagt 51747214

ctctcccctg ttacttagtt tatctggcag tgggtttgtc tttctgtaaa 51747164

atgaatggat tttgattaag cctcaaatga aaagccatat tgctcttaaa 51747114

ggtttaacgt attgaaatac tcttctctgt tgcatgcaat gtccatgtat 51747064

tgaagaacta ctgatatttt atatcaagat gtatgtaaac tcctaaggct 51747014

atcctggata gctttaacta acttagggta tacattatta taacaatatt 51746964

tagttgtata ttcgatattt gtggctggtg gtttatatga tataatatta 51746914

tgatacatat ttttaaaatt tcagATGTTA CCTTTTCTAG TTTTGTGAAG 51746864

AGTTGCTATA GCGATGACCT GGATGTCTGC ATTCTACCAA ATGCAGAGAA 51746814

CAGTGGAATT ATGCACCCAA TAACAGCAGA GAGGACCAGG ATGCTAAAGA 51746764

TAAAAGATAA AAACAAGTTC TACTTTCCTT CATTACAACC CAGgtataat 51746714

ttttagtatt tataataagc catatttatg aagtacttgg caattcttca 51746664

aaccctaaac atgttttttg aaaggaataa aatcatcaaa gaaatagaaa 51746614

tgaatcttag aatggtaagg tacattaact taatgaccaa ttctttaccc 51746564

ctcctatatt cacgccttgt gatatatgat ttttaaaata tctctcacta 51746514

aagaggcagg ggctatttcc ctcccccttg aatctggact cagccatgtg 51746464

attttcttta gctgatgaaa gaggcagaag taatgaagtg caagttttat 51746414

tgatattgtt ttattgtttt gtcttaatta gagagacttc tttgggatgt 51746364

tttcaaactt gctggtaata aattgactct aattcttcat tcttcattgg 51746314

agtaaagtgt cagtggtctt cagaaggaga ccttgggagc cttttgtgca 51746264

ggaactagta gatagaagga gattgtgtct gctgacagga atctctgaac 51746214

tgaacgatga ggtctagcag atattggtat ttcagaccag gtgtaaatac 51746164

tgttttctga catatgatct aagagtttca ttcaaatatg tgaaaattag 51746114

ataggatttt tttatgccat gaaagagagt agaaagttag aaacaggaag 51746064

aatgaattac tttttctttc ccacaacact ggggcaaact cctttattgg 51746014

aagaaaaaaa aacaaagcaa aaaactaaag aagccaccct aattagaaca 51745964

ttcatgtgtt tggcttaaca cgagtctctt tttgatgcct atccctgaat 51745914

catgattagg tacctaaaca tgagtaggta ggcaatttgt gttgttttgt 51745864

cactttttaa aatttactat ccaattttcc ttatgttcat gtcttatccc 51745814

gggctgatat agctgttaag ttacatgtct tagtctgttt gtgctgctat 51745764

aacaaagtac cacagactgg ataatttatg aagaacagaa atttatttat 51745714

tttatttttg gagatggggt ctcactgtgt cacccaggtt gaagtgcagt 51745664

ggcacaatca tggctaactg cagccttgac ctcctgagct caagtgatcc 51745614

tcccgcctca gcctcccaaa gttttgggat tacaggctga accactgcac 51745564

ctggacataa atttatttct tatagttctg gaggctgggg agtccaagat 51745514

caaacactgg cataataggc gtctggtgaa ggtttctccc tccttccaag 51745464

atggtgcctt gttcgtgcat cttccagagg ggagaaacgc tgtgttctca 51745414

cataggagaa gaaatggaag ggcaagagag tactctcttc atcctcaagc 51745364

ccttttataa gggtactatc ttattcatga gaattgaatc ctcatagctt 51745314

tatcacttcc caaaggccac acttcttaat actgtttcat taaggattaa 51745264

gtttcaacat gaaatttgaa aggaccatca ttcaaatcat agtactatgt 51745214

gatattaaca gctgaatctt tgtgctgata atactcaata cattgttggt 51745164

atacaataaa tatttaatat tattactaat ggtatttcaa agcattagat 51745114

taggggaaat aaaataagtt ctctgtaagt caacattata attatctatt 51745064

aattgtttat atagcccact tgactctaaa ttctgaaagt gcagtgccat 51745014

gtttggcttt attaccatca tgttacccag cctgtctttt gtaggttttc 51744964

aatagatatt tgttgaatga gaatatctat ttttctttgc atatagcata 51744914

aatataattg atatttataa taattctaaa atactgcaaa cccctgaaat 51744864

tcctaaaaat aattatatta tgttcagttg ttatgagagg aacactttat 51744814

tgtatcttgc ttcttaaaaa atcagcaatc tatataaaga ttacatatta 51744764

ggatatccaa aatatttggt tagtaagaat gtctttcttc ttgaccatat 51744714

aattgggaaa taaattattt cataaagagt tttattttat atctatgtaa 51744664

cacattgtca ataataaaaa tctgttgaat ttattttaaa caacattagc 51744614

actaccaatg tatattttct tcttgctgct tatcatgaaa tgaaagagtt 51744564

gctttttgac tgtcttcaca gGAAAGATTT AGGAAAAGTA GTCTGTCCTG 51744514

AATTAGACTG TGCAAGTCCA AGAAAATATC TCTTCAAGGA TCTGGATGGG 51744464

AGAGCCCTGG GTCTGCCTCC ACCAGTTTCT GTATTTCCTA AAACAGAGGC 51744414

AGAATGGACT GCATCCTTCT TCAACGCAGg taagctatat ctgaatgcaa 51744364

tgcctgtggt agaggcaagg gtgcttgtga aggagctggt tttgctgtgc 51744314

tcactgagaa tgaaatgtac tggtgaagac ctaaattcta gagttggagt 51744264

ctgtgctaat ctgctgccaa ttcacctgta ttacaggaat gctgagtcat 51744214

tatgtgatct cacaacttta ctgctgtgcc ctctatgaga ttgcctgtgt 51744164

ccatgtcaaa agtgcagatt ctcaatgccc aacttagtgc acagctggga 51744114

ggacagttct cgcccagctt gggcacttgg gcctgaagca gccatcatgc 51744064

tcagtgtttc atactggtct gccatggaac cagctccttt ttctttaagc 51744014

ttacctttct tttctgtcag gacttaaagc gctctctcaa tggtagggta 51743964

gatgtcatgt gttttgtctc ccttttctcc attctccaac tctcccccaa 51743914

acaaggctgt gctccaaact tcttcctctt cttgcttatg caaacaaagc 51743864

acccttttat gtcaattttt atggctggac ccctggagag atcattgtct 51743814

ttttatttcc actaacaagc tgactctgaa ttctcatttg tgttcagctg 51743764

gaacctgctc cggtcaaatg taaagaagtt tttctgtttt ctccctatct 51743714

cattagttga ttctttttag atttcttttc tggtctccct tgtcctttta 51743664

aatttttgaa tgtgtgactt tcacaggact atgtcctgag acctttttcc 51743614

ttctttctct aattttgctc cccaggacca agactgaaat accatcaaat 51743564

gctgatgact tccaatttat atcctcagcc tagactcgac cctgaaattt 51743514

ggtctagtat agccaactga ctttacttgg aaagatagta gacatctcag 51743464

actcaatatg cctcaaaaag attcttgatc tcttccccaa tctacaacct 51743414

gcttcttgcc tagctgtccc tacctcagta attggtgcca ccattcatta 51743364

ggctatttaa gtaaaaaacc tgggagtcat cttttatttt tctttttcct 51743314

aacccaaatt ctcaaacttc tcatttcctc cactactacc accctcacca 51743264

ttccctttac tactagccac cattgtctct cactagatga gggaatagcc 51743214

tccttgctgg tcttctttct tctacttttg tagtctctag tctattcttc 51743164

acacatggcc agagggatat tttcagcttt ccacccattc agaatgaagt 51743114

cccagctaca agcctgtaag tcttgtagcc cctggttcct gcccactctc 51743064

tcacctcctc tcttgtgaca cgccttttac ttacttatcc tggtctctta 51743014

tttttcgttt aacatggtat gtgtatcact acatcagggc gtttgtgctg 51742964

gctttttcct cttcctggaa tattttattc tcacttcttt gggagctagt 51742914

tcccgctgtt caaataaggt accctcagag aagccatcct tgaccaccct 51742864

atctaaaata atcatgagat catttttctg tagctctact gtgcttgctt 51742814

tattgtttgt tagagtcgtg gtacttaaca ttatattata aatgtaattg 51742764

cttatgttaa tgtactgttt atccttttta gaacacaaac ttcatgaggg 51742714

caggattttt tttttgttgt tcactgatgt gtatttgggg gttactcaat 51742664

aaattttggt tgactgatca aatgaatgga ttataagtaa ccagccagaa 51742614

gagtttgctg ttacacgtca tccaagagca tgcagaatga actgaggcct 51742564

tcaggtcatt ggtttaagaa tttatctgta atatgaaagc ctaaaatgca 51742514

gacagttcta tgtatctttt tacttgtttt cacctttctt tcacctgaac 51742464

tactgctaca gtacagcatt tgacatttgg agctgtttct acatatgatt 51742414

cttttaatta ccataaaatt tcatgcttga atatttatac tttttaacat 51742364

ttattttatg tttttccata tgttgaaggc ttatctctgg aatagagtga 51742314

aaagctgtaa ggactacagt attggtttta aagtcagtgc caagcgcatg 51742264

gaaatgctga ataaatgttc gttttaatgt gttggttgca tttgttgaat 51742214

agaaccagca aatatatttt ttgcacagaa gaatgaaatt cagggacaca 51742164

tttatactga gaaaatatgt gggtagcact aaaaagaaag tagcaaaaga 51742114

agaaaagata aggggttacc ctcctattta cccctagatc tactcaaatg 51742064

gtgttctata gtaagttttc tattggtttt aagaattatt ccaccattac 51742014

aggtatttat gctatgggga aaacattctg atatgttaaa ataagcacat 51741964

gcctaattgt gggacttttc tggacttgag cttttggtga ggatcccatt 51741914

tctttggaat ccataaggga tgtatgttcc agagtatttg atgaaaatta 51741864

tattttatcc taacagaagg gaataaagac tgaagatagt gtcttagttt 51741814

gggttgtccc agaagcagac cctgatacaa ggcttagaat ccaagtagtt 51741764

taatgggggg cgatcctata aaacaccagt aggaaaatga ggaagtatcc 51741714

taggaaaaga aataaggcca ataagggaag tgttatcaaa ctggttacca 51741664

ctgtggaagc tggcgctcaa gtctgatagg gaactgcggg agaccatggg 51741614

aacagcaccc caaattatcc cagccaagcc acagggaagc tcatgtgtta 51741564

atatttcaaa tcctggctcc cctgtcttgg agcttacctt tcttttctgt 51741514

caggactttg ggggatgctt tggggacatt aactctccag ccctttggct 51741464

ttctctgaac acaggctaac tgtgctcttc cttgaggcca ccaaaaactc 51741414

tcagaaggaa aaaaaaaaga gaaaaacatt gataccaaaa ttatcaaaag 51741364

aaaaaaagct ttttcagaag gaagtcatag gttttgtggt agcagccttt 51741314

ggtgtatgaa ggtgagtgcc aaaaatacat gggtgtggca tcaaaagcat 51741264

cccttacaaa tagaaactct aaaatgtcag tcagattctc catgtttaat 51741214

cataagagtg ttcattttag gtggttgctt accagatggt gtaatatgct 51741164

atttaggcac aaatatgttc ttgctgctgg ttgcaatggt agaatatttg 51741114

ctttttctca gttctttacc atggctgtca aacatgattc aatggtaaaa 51741064

ctccatgagt aatatcatat tacacacgat ttactatcag tgtgtggaca 51741014

agcatgtatg tgtgtgagtg gctgaatgtc tgtatggagg tatatatgac 51740964

tgattgccta aacccctgat gttttagagc tttataacat tttaaatgag 51740914

gttgctatag gtaccaactg caaggattcc cacagtggaa tctgctgttt 51740864

actgcactaa aaatacaatc tgtgtcctct tgcaatgaaa gagacagcac 51740814

atagtaaatg gtgccttccg ggtgctgaca ggattgcagt atttttcttt 51740764

gacttccaaa gtatgagtaa atcccttctt ccttaatgca aatttctttt 51740714

cattattaaa ccattttctc ttagctactt tgcagttact gtccacagtc 51740664

tgttggatga aaaaagcaca gatttaatct taggataatt aatgactatt 51740614

ttgtattttt tcagttcaag acaagaatct attatcatct tcagtaaatc 51740564

agagaaagca atgcagctaa ggtgaagatg gagaccactg gaattttata 51740514

tttattccaa atgtcattga gtttaacaga cccttatatc ctttccatat 51740464

ttttttaaac atatctctcc aagtcatttg gaatccattg cctttgaggt 51740414

ttatttttaa tttggaaaat aacagatttt atttgcacat ataagttcgt 51740364

acaaaaacta ctcacccaga cagatatcca caggtcccag catattgtca 51740314

tattaggagc aaaaaccatc catgtggatc agctctgagg aacactctgc 51740264

cagtgggttt tgctatctgt gtaatgcagg atgtgtagcc aggggagaag 51740214

agagctgcta attttgattt atacttatct gtaagtttgc atgtgcagcc 51740164

aacttggaaa aatgtataac agtagagagc aagacagctc atgccaagca 51740114

ggtgatcttc tgagaaccat ttacatttta ttctcgaaag gatttctttt 51740064

gattatggag gcatctgatg atctgaacat tcaaaatcat ttagaagaac 51740014

aaagcattga aattaatgtc ccattcaggt agaattaggc agataccaaa 51739964

gctttccatt ctggctccaa actcagtttc cgtctgtccc agactacaaa 51739914

tggatggcat aacctcacac cccggttcac acatgtgggg caccagcagt 51739864

gtcaggaggc agcagaaaga aatcagagct tcagtttcaa cagaatttaa 51739814

caatttctca gccatgacaa aaaaaaaagt ggaagggagg taaaatgaaa 51739764

actagcattg catgagcacc ttttttatgc tacacgctga aattggcatt 51739714

ttcattcatt tggcaagtgt attttgccta ctttctgtct accagagcgt 51739664

ctctaagcat ggaaactata gcaatgagca aaacaacatt tctgctgcca 51739614

tcaaacttat gttccagtag ggttaggtac ataaacaaat aaaaattcca 51739564

gaggtacata aacaaaattc caaataaaaa atattctggg atctgtggct 51739514

catgcctata atcctagcac tttgggaggc tgaggcaggc agatcaccca 51739464

aagttgggag ttggagacca gcatggccaa tgtgatgaaa atccgtctct 51739414

actaaaaata gaaaaattag ccaggtatga tggcacatgc ctgtgatccc 51739364

agctactcag gaggctgagg gatgaaaatc gcttgaaccc gggaggcggg 51739314

ggttacagtg agccaagatg acgccactgc actccagcct ggttgacaga 51739264

gtgagacctg tctctaaaac aattatatat attatatata taatacatgt 51739214

acatacacat gcacacatat atatgtgtat gtgtatgtat ataacatgag 51739164

tatattttat atgtgtgtat gtatgtattt tatatatatg taaaaaaata 51739114

tataaatata tataaaatac atattaaaat atataaaaaa tatataaaat 51739064

acgtatatat aaaataaaaa atatatatat ataaagtaca tacacacaca 51739014

cacacacatt ccaggagaga tgagaaggat ggaaaaaata caatagtgtt 51738964

ttgggctaga aaggtagttt gagttgtctg tgtgtgtgtg tgtcttgtgt 51738914

gcaggcgaat tgctatttga aatagttgca tttcaaatga gacctgaatg 51738864

gggagtgagg agtgcctgcc ctgagcagag ggaggagact tccaggcaga 51738814

gggagcagcc agggcaggga ctctgagatc caaaagggcc tcagcatgtg 51738764

tgagaggtgg gtggaaagga gaccactgtg tgcagttttt gagagaagaa 51738714

gcagttgcag atagacagga gccagcctct ttcttggcca gagtaaaagg 51738664

tttggatttt atttcaattt atttatttag tgtacatttc agatgtacag 51738614

catgatgttt tgatactctt acacatagta aaatgactac tatagtgaag 51738564

caaatgaaca tatccatcat ctcacatggt taaccacccc tactttttgt 51738514

gacaagagca cctataattc atagtattag caaaaatcgt gactacaaca 51738464

cagtattatt aacctagggt cctcacgttg tgaattacac ctctggactt 51738414

attcgcctta catatcctta catatctgca actctgtgtc ctttgaccaa 51738364

catcccctca tttcctctca ctcccaaacc cctgtctctg ttaaccacag 51738314

ttttatttcc tatttctata tattttggga gattttaaga aaggtggcag 51738264

taggattttc cttgctccct gaaaagattg tgctagctgt gttggagtgc 51738214

gctagctgtc tggaggcggg cagtgcagcc aggaagctgt gcaggtggaa 51738164

ggggagcagg tggggcttgg aggtagctgc tccacgcgtg ctggcccaca 51738114

aactatcggc tacctgtcta cagtgaggta ttcacagaaa tttaccactt 51738064

agaaacacag caatttggca gagtaatttt atgtctgttg agtctaataa 51738014

gtaaacgtgg ggcttatagt ttgtatatct aatttgtctg attatttgta 51737964

tttttttaaa ttattactct tcaatagact gaaaatttta aaacaaaaca 51737914

aacccccctc attctcctgc caatattttt ttatgatgtg gtcaggacac 51737864

tagctactaa aactgactta tcattaggat catctaggac attaaacatt 51737814

cattggcatg tagggagatt ttgaatcaat agatgtgtgt aaagtccaga 51737764

cctttgagtt aaacacacac acacacacac acacactcac acacacacaa 51737714

acaataagtg attctgctgt gttaggcttg agaatcatca ctatagagtt 51737664

atatgttcct tttgaagtaa ataaacaaga tattaagaag acaatatttt 51737614

taatttagtg agtggatagt ttcaaatttt catgaataat caagaattag 51737564

ctctctgtgc caaataccaa cagatataaa catacttgct tatgaacaca 51737514

ctgaatatat ttccacaaga gaaaagaaca ttagctaaaa agattcagga 51737464

atatttacaa tcttaattat ttgaataaaa acaacatatt aaacctcttt 51737414

ttaaatggat catttttcct agaagtgagg tgactgacct caaaatgtca 51737364

ctttcataat atatcagtgg ataaaaatgg gtttgatact aagtgtatgt 51737314

tttaaatgcc acatagaata gttatattaa aaatataaac tcacgataag 51737264

cttttcccac actttccttg gcattatttc cagcaaagta ctgtggtctg 51737214

accaagattt ctgaccacat acaccttcag ggcaggtgag tttcccattc 51737164

tttaccatga gacagtaggg aacatttttc aaattgtgtt acttcttgga 51737114

cacttctcaa gaaagaaagt tataaaccac tgtggagacc ttaaaagtga 51737064

ctggcctcaa atcaaaaata aaagattagg ttgataaaaa aaagaaaata 51737014

aagctggcat ttgactgtca gcccactgag tgatgaagtg gtttctaact 51736964

gaataatggg gaaagctcag gtattgtggt gacgtctgct cagctactta 51736914

acagagagtg gcttgcagtt tctcaacttt ttgttgctag accttgaaat 51736864

gtgtcttttc tttaaggttt ctaggcttct cttttttccc atttatcctg 51736814

agaatgacag caagatggta ttataaaatg ggagattgga gagggaggga 51736764

gaaaatgaga ggacagaatg gagagaggaa acggttagaa aatttgtctg 51736714

ccaatatctg tgcttgcaga ggtctttttc ttctagctag aggggaaaat 51736664

accattctct tttcccaagc aattacaggc cccaaagatt gaagcttggt 51736614

atatagctct ttaatttcag cagatattta tggttaaaca ttagactttt 51736564

aggattccag atgtcatggt attaaaatat aaaggcacag tggagtctca 51736514

gaaaatatta gactctttgg gattcgcagc tgcaagggat tttaatccca 51736464

agcagggggg gatacggctt ctagtggtac atcgttcaga cccaaagagt 51736414

acctttcctt caccttattt tgtcactccc tcatgacttg cctggtctcc 51736364

aggcagtgaa tgccataaca atatttgatt acatttcaaa gtagtccatg 51736314

ctgtgagttg gaatgatttt catgtgtgat ctataaaaga tgatatgaac 51736264

aggcatgtga tctatgggga caatttcctt ttcctttcct caatctagac 51736214

atgttattat tgtgattgtc ttgctcctca aatcttccat taacaataac 51736164

agcatctaac acttgctgag tgtccaccat atttctggct ctgtgctgtg 51736114

acctttcaat gagttacctc atttaatgcc atcaacgggt tctactctaa 51736064

gagatagtcc tgttgcctcc attttatagg tgtgggaact gatgtagaca 51736014

ttaggtaaat tgtccaagtc ctaaagctaa ttaacaaggt tcagattgaa 51735964

ctgtgttttt atttttattt tttattttta gaaacaaggt ctcactctgt 51735914

cgcccaggcc agagtgcagt ggtacaatca tagctcacta caaccttcaa 51735864

ctcctgggct caagtgatcc tcccacctca gccttccaag tagctgtgac 51735814

tacaggcaca tgtcaccaca cctggctagt tttttttaaa aaaaattttt 51735764

cgtagagatg aggtctcact atattggcca ggctggtctt gaactcctgg 51735714

tctcaagcga tcctcttacc ttggcctccc aaagtgctgc aattatgggc 51735664

atgagtcacc atgcccagcc ccgaactgtg tttttaagac tatgctatac 51735614

tacccagtac cctctatcca agttttctcc ttctttcttt atattcttca 51735564

gtgttaactg ttttagatct gtcagctttc atcgcataca aagctctgtc 51735514

cacacagaac aaacaaaact gagattgtac aattattcta gcaattatcc 51735464

aaacaaacta gcaataataa taattgccat tatctagtgc attccatgtg 51735414

ccaggcatta tgctaaatag tttataaata ctctcattta tccttacaac 51735364

aaccttaaca tgaagggatc gttatacccc ttcacatttg ggaaaataga 51735314

ggtttggaga agttaactaa tttttcacag tcccacagtt agaatgtgca 51735264

gaaccaagat ttaaatctat atttgtctga ctccaaagcc agagttcata 51735214

accacttctg gataattatc attgtgtggt ctgaatcatc tggtaggact 51735164

ctatacagag atatatttaa ctggatcatt cacatatttt tactttactt 51735114

ggtagcaaat agatttttag agtttaacaa gtaactgtcg actactttaa 51735064

catttttgaa gggcgatgct ataacaacca caaaaaaact catttagttc 51735014

ctcttcttca tacataatat atatacagct attcctaaac atccatgtgg 51734964

cattggttct aggaccccta cagataccaa aatccacaga tgctcaagtc 51734914

ttatattaaa aaggtgtagt gtttgcatct aatctacata cattctcctg 51734864

tacactttaa atcgtgtgtc gattacttat aatacctaat aagatggcta 51734814

acacatcact tcgtttgtgt ggattcaaca tagtactcgt caggtggcaa 51734764

aatcaaaatc aagtgaaact tctgtttgga actttgtaga gttttttttt 51734714

ttcctccaca tatttttgat ctgcagtttt tgatctgatc agcggatttt 51734664

tgatcaaatc cactgatgca gaactcagga atatggagga cctttgtgac 51734614

tctccttcac ccgttgctca gctccattac agcccctctc gtgggttacc 51734564

gccatcattt tacaagtctg ctttcttacc agactgtgag tgacttcaag 51734514

gtaaatgtct ttgaatttct agtacaattt atggaacata atataggctt 51734464

tgttaatgtt tgctgaatga gggaacaaat gtgaataaga aagtcaagaa 51734414

tttaagttta gtttgccagt caactcttcc acaaagtaaa ttttatagat 51734364

ttaattaatg cataatttgt tttagcattt tcaaagaata ttcccccatt 51734314

ttctaatttc aggagattgt aaaaaatgtg gtacatggcc aaataaattt 51734264

tgaaaactct gactattcct attttggaga ccaccatgtg tattaaaata 51734214

ctgaagattc tgataagttc tgcaattaaa tttttaaaaa cactgtttaa 51734164

ttttgtgtta cccggtgttt cccaagcttt ttgactagag aatacctgtt 51734114

catactacac attagggtcc cttggaacta gtgtacttca gaacacattc 51734064

tgggaaatat tgcctcatgt taatctatta gtctacagga atacatgcta 51734014

cttggaaaga aatgacaaga ttgtagtgcc tttgatttgg atggtccctt 51733964

gaagatcaat cagcttcact tcacatgcat acgtgccctt tacctttcat 51733914

tttcccagga agtgggagtt cacacccttt taaggctgcc tatattatat 51733864

tttgaataac ttgttattgt taggctcttc cttctatgac ttctacccag 51733814

tgacctagtt tgccttttgg catgacagag tataagtctt tccaggtttc 51733764

atataagtct ttctgtatta cagcatttta catattcaaa gacagtaaga 51733714

caatgatttt ataataagcc aaataagact ttttcaagca taggaattct 51733664

aaattccttc tatcagccaa tatatgacat ttttttagtt cttcactttt 51733614

tagactggct tatgttttta ttgtggtaaa atacatataa tataaaattt 51733564

accatcttaa ccattttttt ttttttttga gagggagtct ccctctgtcc 51733514

tcaggctgga gtgcagtggt gtgatctcag ctcactgcaa gctccgcctc 51733464

ctgggttcac accattctcc tgcctcagcc tcagtagctg ggactacagg 51733414

ctcccaccac cacgcccggc taattttttg tatttttagt agagacaggg 51733364

tttcactgtg ttagccagga tgatctaggt ctcctgacct tgtgatccgc 51733314

ccatctcgtt ctcccaaagt actgggatta caggtgtgag tcactgtgcc 51733264

tggcccatct taaccatttt taagtgtaca gttcagtggt attaaataca 51733214

ttcatagtat tgtgcaacca tcactaccat acttctccat aagtcttttc 51733164

aactcttaaa actgaaactc taatgtcatt aaacagtaac ttcccattct 51733114

tccctacccc gtgttcctga aaaccaacat tccactctct gggtctatga 51733064

ttttgactac ccttaagtac ctcatataag tagaatcata caataccttt 51733014

tggtactggc ttatttcttt tagcataatg ttctcagggt tcatccatgt 51732964

tgtagcatat tatggaattt cattccattg catgaactta ccacattttg 51732914

cttatccatt catccaccca tggacacctg gaatgcttcc atgttttagc 51732864

tattgtaaat aatgctacta tgaatatggt atacaaatat ctcttagaga 51732814

ctctactttc aattctattg ggtatagatc cagaagtgaa atagcaaggt 51732764

catgtgatag ttctattttc aaccttttgt ggaaccataa tgttgtttcc 51732714

cacaataact gtaccatttt acattcccac caacagtaca caatggtttc 51732664

tccacatcct tgttgacact tgaaattttc tactttgata gtaaccattt 51732614

taatgggtgt gaggtgatat gtcgttgtaa ttttgatttg catttcccaa 51732564

gtgattagta gtgttgaaca tcttttcatg gagtcattgt taatttgaat 51732514

atcttttttg gagaaatgtc tattcaagtc ccatattaat ttttgaattg 51732464

ggctgtttgg gtttttttgt tattgttgaa tcttaggagt tgtggtttat 51732414

gttgtggata ttaatccttt actagacata tgatttgcaa atatttcccc 51732364

ccatacttca ggtttccttt tcactctgtt gatagagttt tttgatccac 51732314

aaatttttga tatttttatg aaggactggc atatttttga tgatcttcag 51732264

ttttcagtga tttttttcta aatctaggaa taagaactga atattaacca 51732214

tccagaacag tattgttcaa aagaaatata atgcaccagt gtgacttagt 51732164

atcttagcat ccaggctaaa agcagtaaaa agaaacagct caatatattt 51732114

aaaaatcatc attttaatat gtaatcagtg tagttgagat attttgcatt 51732064

atgtttctta tactatgtgt ttaaaatctg ttgtgctttt tactgttatg 51732014

ccatgtcaat ttataaagtg tttttatcaa aagtatttga tctttgccta 51731964

tattttataa actttgcaac tgaaaaagta gaatcacata taaacattgt 51731914

ttaaaatata cctaaacatt ttccaataat tgttatcagt tttacatttt 51731864

aaattataat taattaaaat tatacataat ttgaagctta gctccttggg 51731814

tgcactagtc acatttcaaa gactaaatag ctacatgtag ctgcattcat 51731764

catatggata tttttcttcc tttgttctga gggatacaca ttaaagagaa 51731714

ttgatttttt aagccatgta gtagactcta tttatccctg gtaaattacc 51731664

cttttataag tcagtggtca tcagatgtag cctgggttcc taggattaga 51731614

aatgaatcac agaattagaa accaatctag agagcaccta attgatcctg 51731564

ggcatataat tcagtcaatt aaaaaacaaa gcttgtctag acttggatta 51731514

cctgccattt gcaggaggta ttatttaaat actcaagcct ccaaccaaag 51731464

catcaagatt ttctgagact gagaatttta ctactcaagt taacaatcct 51731414

ttatgagaaa tctattcaca tttctctgtt ttattgtatg tttgaaaagc 51731364

agtaatatca gtgttccaca agaggagcta tttttgaata cctatctgta 51731314

aatgaaatta cttgattttt ttgccataat aataaactgg ctctgtattt 51731264

tctatttctt tttattttag tttatttctt ttttctcttt ttttcccata 51731214

ttatttcaag gacttcattg actagtaagc tgtgttccta gtcttcaagt 51731164

tttaataatg gagtaaccct gcgttgctgc tttaatcctt tcagtacaat 51731114

agtattgaaa aatttaacaa aaagtattag ccaggtgtgg tggtgcacac 51731064

ctataatacc agctacttgg gaggctgagg taagaggatc acctgagcct 51731014

gagaggtcaa ggctgaagtg agccatgatt atgccactgc actccagcgt 51730964

gggtgacaga gtgagaccct cttccctccc ttcaacctct caaaaattta 51730914

gaaggtagaa tctcaaacct gagcttattt tatgcctaag atgaatggat 51730864

gaatgtttgt ctattttcag tttcattatt tttatatttt catgtgtatg 51730814

catatatgca cattttaatg gaagggaata cttgagcagt ccctccaata 51730764

aataaaatgc ttgtgccttg ccaatagata ccaaaccagc tcataaataa 51730714

gtactaagca aattctcatc tcaatattat gggtctgaaa aattcgcttg 51730664

tctggtttac agttttttct ttatgtattt acattttcat gagatgtaaa 51730614

aagtaatctt agtttctgac aattggaagc attcattaaa aatattctag 51730564

aaataaatat gttgatggaa taaacttcta aaagtcggaa atagattcag 51730514

atgcatttga caatttagtt tataacaaaa atagcatttt aaattatggg 51730464

aaaatagaaa tcattcaaat agcaacgttg agccatttga ctcatcatgt 51730414

agggagaaaa aacaattcag aaatttttat ctttttcttt acaaaaataa 51730364

attttaaatg gattaaagat ggaaaacccc atggaattac tagaaaatat 51730314

tgatgacgtt atttagagtt acagggatac ttctttgcat gaatcaaaat 51730264

ctagaaaata cgtgggtaga tttaaaaatt tgaatataaa agaattaaaa 51730214

cttcttaaag aatattaaaa gcaaaactaa aaaactagaa ataaatttgc 51730164

aactcatcta gcaaagggct aatttcatca atgtaaaaac aacttactaa 51730114

tatttaagaa caaaaaggaa caaaccaact gaaaaaattt gcaaagaatt 51730064

ccaagaaaca ttttacagag aaatgaaaca aatatcaata aacatacaaa 51730014

aagccaaagt tttctcacaa tcaaagcaca ggttaagagt tcttgcactg 51729964

agtccagctg cttggattgt gtccactaac cagatgtgca attgtaagca 51729914

agttgctcat ctcctttatg cctcagtttt taaatttagg acttggagat 51729864

attaatatta tgtactcaaa tgattattat aaggattaaa aagataaacc 51729814

taataaagat ttccaccact tctaaggcaa taatgaccac tgctactata 51729764

attattatta ttttcccaat catatttgca ataattaaaa agtgtgataa 51729714

tttgcagtgt tggggaaaat gtggagaaag agttctcaaa cttcgttctc 51729664

aaatatcact tttcttagct ttttgtcatc tggctaccac ctaaagctct 51729614

gtacttctga cttagcaact tcacttttaa gacattatcc tagagatttt 51729564

tgttgaatga ataaataaaa cagtaaaaca gaaaatgaaa aagaaaatat 51729514

atcatgcctc ttacccctct gctatcttga tcttcagcac tactactcag 51729464

agggaaaaac tagaaggttg ccattaaaaa aatgtgtatg tataatttag 51729414

tttttatagt aagaataatg atagtataac tcatttatat ggaaaactag 51729364

aatcttgaaa catgagttgg ttattatgta aagtgtgtca aggaaaagaa 51729314

caccaaagaa aagaaatttt cctagaccta gaagccaatc tttctactac 51729264

agaattaagg acttccagta tgactgaatt tcaatttgat tagcttcctc 51729214

acaggagaaa tattaataaa aactgaatgt aagttcttga aagtcattgc 51729164

catgaaggaa gggagttgaa gccatttttt aatatggcta tgaataataa 51729114

tctcttccct tttgggtgat attggtagga tgcaaccttt cttgggcact 51729064

gcccatgtgg aaaccagcct atccatatct gtaggctata tactgtcttt 51729014

ctgtttgaac acgttacaga caaaggaaat cttagagctt tataattttg 51728964

tagacaaaat gcatataaaa aacttggccc caggcctgtc ataggataag 51728914

cactaaataa cttgactatt ccattccatt gccaccactg ccaccactta 51728864

tcatgatcct ggttggaatg gtgatgaaca tttgagcatg acatcctggt 51728814

ttttgtacaa gttttctatt gctgctataa caaattatta acaatgtagt 51728764

ggcttcaaac aacacctaag tattatctca cagttttgta ggtcagaagt 51728714

ctggtgaact tggctatttt ctctgcttca gatctctgat ggccaaaatt 51728664

caggtaatgg caggattgtg tttctttctg gagtttctgg agatgatttc 51728614

accttcagtc tcactcaggt tcttggccag attcagttcc atgtagttgt 51728564

aggactgtgg tcgtgtaacc ggccaaagag tccggctgct cactgcttat 51728514

gaaaagaagt caaaataata agttgtgata aaaggaagca aaattggttt 51728464

attatccatg ctagcagggg aagagtagaa agcaattcca ctcttcagtt 51728414

cccctattca attccacaga ggtttttaaa ggaaagattt ggaatgcaga 51728364

agaagtgtgg gggctgagag gtataaggta gcgtgacttg ctccagtggc 51728314

ccctcttgaa cagttgtcct atttggcaaa ggggatgctg ccatcgtaga 51728264

ccctgccagg ttataaatta ctttcagtca attttgtagt cactcatcat 51728214

ctgggagtgg gttccatctt taagcaatct tttgttagag agagaattcc 51728164

agaggtgcct tgtcactatc aggatctgac tcctaaagta tataaggaaa 51728114

tatatgacca gataagaaag catggtgcgt gcttgacaag catttaggta 51728064

aataaatgtg cataaggcat gggagtattg tatggagaag gaaaaggaat 51728014

tgagattcac agcacatact gaggctgtat tttaatatga gaggttacat 51727964

agatgtgtta taggttgtta gacaggcata gagtagggca gaagagggct 51727914

ctcccctacc cactaggaat gttgagtgat ggtttggcaa ttatcacatt 51727864

gcctccctaa aagtgacaga ttggcagatg gtgccaggaa gaggccattt 51727814

cctgatgggc cacacctgtt gcactgaagt gttaattgaa tggagacgcc 51727764

aggaagaagc aacttcctgg gcatatgcac taagagacaa aaatggcaga 51727714

gtttgccttt ccaggggcac accagcagca aagggaagaa agcctcagat 51727664

gggcatgcat acagtttcct taacacactg tgcatgctca cctcccaagg 51727614

gtaaggaggg cactgcatat gtgggcagac caccctaagg gaagaatcat 51727564

gagaaggggt ttaaagacgc cagaaggggg ccaccctgta aagtcctagt 51727514

atcacagtta acagtgaaac accacacttg ttcttcaagt cacccacttg 51727464

gatctctatc aagcgtactt tcctttctct cctgttccaa agccttttaa 51727414

aatatacttc ctcacctgct ctgaaacttg tctcggtctc tttttctgcc 51727364

ttatatccct ctgtcaagtt ctttcatctg aggaggcaga aattgaggtt 51727314

gctgcggacc cacacagatt tactgctggt aactcggata ccttccatca 51727264

gtaacatatg cagtttgtct caaaatttta tcccgagact ggaagagaaa 51727214

agaggaaaag gaaaataaga aaaaaaagtt taaaatgcag tttgaggctc 51727164

agctgctaag ctgctcagtt atggttgctg tgtccttgtt cactgtaggc 51727114

caggcttcat gctcaacttc tagggctgcc tgcattccct gacttgcggc 51727064

tgtcttcatc ttcaaaatca gcaatagcta attgtgtgcc tctcatgctt 51727014

tgaatctctc ccgccttctc ctttactaca actctctaat tctagccaga 51726964

gaaagttctc tgcttctaag gtttatagtc caggatagtc ttcctacttt 51726914

aagatctata cacttaataa tatcttcaaa gtcccttgcc atattcacat 51726864

aatcaggatt agggcataag catcctaggg aggctattat tcagcacacc 51726814

atagttattt gtaagacctt agtcttagtt gaaataaaaa aagtaagaca 51726764

ttggaatact gatgccatct ctgcaagatt ttttctcttt caagaaagaa 51726714

attagacctt acttaccaca ttttagaggt actgtggaag tgtggagaat 51726664

tccatatcca ctctgtagga taaacatcag tttttgattg aaaaattatg 51726614

aggaaatgtt gacagttcat atggggctgg cccaggaagc tggaggggga 51726564

tgaagcggta atgggaactt agagggaaca gaggtcagtt catgtggggt 51726514

ataccaagag atgtaaaagg atggatagga tggcagaaaa gaggtgatta 51726464

agaccagttc ctgcggggcc agtatagcct ggtttgtctt tgacattttt 51726414

gtcccaagtt gaagcaagaa aattttattt taatatgcac tttattttac 51726364

catatgtatt ttaagtatga ttgtttacaa taaactctct ttgatgtgtt 51726314

tatttactac acaactgctt caaaatacgg ccaggattgg cctcatccac 51726264

caattgcccc tgagttaatg gaaccggaat ttaagcatta gaaactcctg 51726214

tatgtccagt gcctgataat gtttggtgac atgaacgtga acttctataa 51726164

taaagaaaag cagctcattt accctggatc tctcagacac atctatgacc 51726114

tacccaaata gctgagtttg agcttgcaaa agcttagatg agggagcact 51726064

gcattttgca gcaattaatt ttgcagagga agcagtgtgt ttaaagatgc 51726014

ctgcagcact cactaaaatg ggggttgttt ttcaaggcca ccagagctgc 51725964

atttggctaa ggctggctca tcaacaaaac aacaatgcta aaatatggcc 51725914

tcctgggttt tgcaaaagaa gggactagaa gggcaatgaa ttatgctcac 51725864

cttctagaac tgggtgaaga ctgtaattgt ttagccccct agcacaaccc 51725814

tgcaagggtt aaaatgacag agatattagt ttgtgatggc taaaattgtt 51725764

ggtttgaagc tctcggcaat acacagactg ttatttacca gacttggtcg 51725714

atttacttct taatgcaata atgacctgtg aaatgaaacg tgagctagac 51725664

aattgttcct cgttgtttcc agtaaaacat cctttcatac cccattaaac 51725614

caccattaat tccatatgaa agacagtcat gcacaagcac ccgatggtct 51725564

ctttctttct tggactttct tgctcccata cttctgtttc ctttccttct 51725514

tctttgcatt tcctcttctc tttctctcca tttttccaaa taaaatatga 51725464

acataatagg ttgcatggtg agaaatccct ttgaaggaca ggctgaaaca 51725414

catctcttcc aaaacagggg caaggtttca atttctgagc atccacatga 51725364

ctctctgttt gccttggaca tgaaaatacc aacagcaaca gaaaagtttt 51725314

tcaaaacaag gagcaattgt tcagtcctgt ttaaaaaaga tccagaggcc 51725264

ttattccaga tacgtaggtt ttacatggtc ccacactggg gatgccaatc 51725214

atgtcacaca gctaggcacc ttcaccagcc tggggcgagg gtccttccca 51725164

ctgcagggac acagagggat cacaggaacc cccctctgtt ttccagcagc 51725114

ctgactcatt ttgaacagct tctccttatt tctggaccta ctttaacttt 51725064

tttattacta aaagctccaa ccaagaagat ctgagccaca tggcataaag 51725014

gtgcatttgt agtagttcct ctctttgacc cttttcttcc tataacctca 51724964

cagctagggg ttgtcctaac ttccttcact gcatgattaa aattttttgc 51724914

tatctagttc accccttgct gttagcatgg tcactgcatc actttaattt 51724864

ctgtctctgt gattgtattg ccttctcgtt tactgtagtc aaatatccct 51724814

aggactcctt cttataagga cacttgtgat tacatttacc aactagataa 51724764

tccatgatac actcctcact caagatcctt aacttaatta tgtctgcaaa 51724714

gtcccctttt ctatataaga taacattcat agatactgat gtttaggaca 51724664

tggccatctt agggtcatta ttcagactaa catacacagt gattccaaga 51724614

tttcaagata tagatagatt agatagatgg atagatagat agatagtaat 51724564

agtagagtgc agagattttt tcttcctcct ctgaaggctc cagtctactg 51724514

aggtgagctg acaataaata gatcaacagg acaaacggca tgcaaattta 51724464

ttaatgtgtg taagagtggg agccatagag aatatcagat tcaaagaagg 51724414

gccagatgat tatggcttaa ataccttctt tataggaaag agtggtatga 51724364

ggggctatag gcagtttaga ggagtagtaa atgatttcta gggggagtac 51724314

gtggtctcaa agactagata attgtttgca aatcactccc tttgaacact 51724264

gaatgggacc taaggacaaa caatagtctt tggacaagtt ataagaaggt 51724214

gaggggagaa agtacactgt gaacataggt tgtcttatta tgcagataca 51724164

gtctctcagg taatcttttg cagctgccct cagaagaata ggtgaaaagg 51724114

ttttgtgggc atatgacaat ttttagtctc ttctctggtg gttaattttt 51724064

cctgattagt tgataagatt cttagaaagg ggatcttaag acaattgcat 51724014

ttcttttgga agaaggtttc ttcactcaga taccagagca aatacctttc 51723964

tacacttgtt ggggaggtgg tagaaataag agaagcttag aaagtccctg 51723914

gttctgaggc agtttctaag gcttttcaat ttattttaat tcaaaagtgc 51723864

tcagtatgcc aaagcatcat accatacttt ggggtaccat tctatgtacc 51723814

caaactctct ctctgtcttt ctctctttct ggaattacat ctggaaagcc 51723764

cagacctggt gatttaagat gttttctttc gcctttctcc ttttgagaga 51723714

gatggagaaa gaggaaagaa aatatcttaa atcactcttg gtaacccaca 51723664

cataactagt ccaaaataac atttcaccat caatttttat tttaatcttg 51723614

ttttcacttc ctgttttgga gttagttgtg ttatcacact ttgaaatttt 51723564

caataattca ttttcccagc tttcttaaaa ttactttact taccatgaat 51723514

tgttcttcaa tagtcaatag tcttatggta tatactctga cattgatctg 51723464

tgtgacagta cccaggtaat tagaaaggcc agattcccta cattcccaac 51723414

tccaaacagg atcacgcatg ttggggaatg aatagtgcag gaggttgagc 51723364

actaacaagg ttttctctgt ttgtgttaag gagaaagcta tttagactga 51723314

ccatatgtgt gcacttggaa tctgttgaaa atgggactca tcactacagt 51723264

ctttcctagc tgtttcctgt attttccatg ttggagctga catcacagag 51723214

gtcccaagag caaaaggaca cctttaagat catatagact atcacatcag 51723164

attctgacac ttggtcttag agaaaaaact gagatgtgat tctgagcaga 51723114

cttttattct ctttttcaag acaatatctt ttctccctgt tttaggatgc 51723064

ctttcaataa aaaattagct agaaaagaaa tgagtaatta gtgaagtaag 51723014

tacatgatta atgactcatt taaaacatgc ctaatttgaa aacaaaaatg 51722964

aaaacaaatg agaatgaccc tttattgttc agagcaggcc tatttctgtg 51722914

gtggttccct gttgcaggag actttgcaga ggtcctgtgt ttttttcatg 51722864

ggacgtcttc tccaccctga gaggaagtca gtctttctct tcacataacc 51722814

ttggaactta cagctgattc cattcattca tgttacattt tacttagaat 51722764

ggttaattac attagcatgt ggctttcccc aattagatta tatcctcctg 51722714

gagggcagga aagatttatt atgttaattt tagtttaatt taaccaatat 51722664

atattgatta tatattacaa tgtggtaata gttactacta ttccaatagc 51722614

tcccatttac tgggtgcctc ttgcatgcct gcattgtgtt atatgcttta 51722564

cggatcaggt ctttacaata acttggaaaa taagcctctg gttaatcaat 51722514

tctaaatatg atgaaaccaa tgctcacaga gtttagggcc tttgcttttt 51722464

tatatcaagt gataaagcca ggctttgcat tcaagtccat ctgaattcag 51722414

ggcccatgct ttttcttaat gtgcaaactt tcgtttatat aagctttctg 51722364

gggagtttag acataagtga gacgcaacct tgaacctcaa agaaataaca 51722314

attcagtaag aaggaaaatc caagtaacca actgtaatat aaagcaatgt 51722264

aagataagca cctagaaatg tataatctgt actctgagag ctccaagtta 51722214

gtgggatttt ggcagaagga gaaaaggacc ctccacactg agggcgggca 51722164

tgagtaaaga gctcggatat tacaaggtgt ggggtatttt catttggatg 51722114

caatgtggaa agcatgccga gaagaaaaga agggtggaga catatttttg 51722064

gagagccttc aatgtctgac taaagtactt ctgtttactt cagtaaccac 51722014

tgagcaggct ttgaagattt cagaatagag gaggagcctg caggaagctg 51721964

aactttgaaa gattaatgag gcagcaggaa gcagggtgaa gaatgggttg 51721914

gagcatggac caaatggaaa gacttgttaa gacactgttt caattgttca 51721864

aattgagaag aaattgattg aggactggga ggagattgat ggcagccaga 51721814

atggagagga tggtacagat caaagaaata caaaagagag gaaatagagt 51721764

ttgcttactc ctgactttgg ggactgtgga gagggtgtca acagtgacac 51721714

cattgtccgt agtcaggata tctttgggaa tggaagttcc agtagcagat 51721664

atgggggagt aggaaagaag aggatggttg cttaagcttt gcctttagtg 51721614

agtttggggt acccactata tgagagagga gcaattcaga tattaaattg 51721564

gtggtgttga aatctttgga attagagctt tggagataaa ttgcagctag 51721514

atataaatta tctggaataa agtgataggt gaaataatat ggtagagaag 51721464

ccttatttta tttctctctt ctttaccaat tatattgaga tattattatt 51721414

attggcatat taatatatta ttattggtat attaataata taataatata 51721364

ggtatattat caataatata ctaatactaa tataccaata atagtgggtt 51721314

attgttaata atattggtaa agaaagaaca taaatgtaag tttattacca 51721264

agaatattgg tgtggtaaag ataacccatt tatgctggag gttgcaattt 51721214

tttgaattgc aaaatcagac cttggccatg accttaagca gtaggatata 51721164

aataactccc atgtgcccag tgttccatta ttggaacagt gtgccattct 51721114

tgtgcactga tggaggaaat agttacagat acagtgtgat ttgaggaatt 51721064

ggttccccca gagccttatt gaccctcaaa tacttccctt acccatgtta 51721014

tcatttcctt tctatcctaa aattgctacc tttgctgcca gatcttttcc 51720964

ttcataaagt caatgtgaca tttactcatt tattaactca tttcttcaac 51720914

agatacttat tgggcattta ctgtatgcca agtattgtaa taaatgctgt 51720864

atgtacaaaa tgacataatc tctgccctca tttcttatta gggagaatca 51720814

acaaaaagag ataaattgta tatatataca cacacacaca cacacacaca 51720764

cacacacaca catatacata cacacacaaa tgtataatta taaataggta 51720714

aataggtata tatgaataat atcctaaata tgataaatgc tatataatga 51720664

aaaaaaaata ggagtgctat aagtgcatca aaatttagaa tagtggtggt 51720614

ggggacaatg tgagttgtca aggcaggtgg ctcttggaag tgcgtttaaa 51720564

ctgaaaccaa aattgagtaa gagttggcca gaaaaagcat ggagggaaac 51720514

gctttccact tccactcaca gctgagtgag cagtctgtgt ggaaacccca 51720464

agtaagaaag agcctgggca ctggaggaaa gcaggctgta gggactgaac 51720414

aagggtgccg tgcaaatgag cagcctgaga tgaggctgga tatgtggatg 51720364

agagttggtt cctgaggagc cctgtgggac atttgaagaa aatgagattt 51720314

tccttttttc tttgcagagg agactgatat aacttacttc tcatttttaa 51720264

aactctggaa ggtttgcaag agtgggtaag agagagctga attagcagtt 51720214

ctatctcagt gatccatggt ggtgatgttg attactctgg tagcagtgaa 51720164

gattttgtta attttctgaa attttgaaaa tatttcacac aagatagaaa 51720114

agcataatgg ataatagaat tgatttagga tattttttgc cattttgcaa 51720064

tgtgccccct ttaccctgcc tccatgcaca cacatctgaa agctttttta 51720014

gtggttagac tgccaactat gtgtaattca ttggtaccta ttaaagttaa 51719964

agcattctta aaaatatgca tagtaaaatc tcttttaaga ctttcttttt 51719914

cattcacaaa agatttatgg agacatggca tatatgtcag gaaatgtatt 51719864

aggtgctggg gctaaaaaaa tgtgaataaa gaatgatcct gtttttgaag 51719814

agctgccaga ccttgctttg tttataaatt ttgccaacag cataataaag 51719764

tttttgctat tagaaagcag tgccatttat tgtacaatat ataatataat 51719714

ttgtcaaatt atagattgga aaattagtca ttgtataaag agataacata 51719664

tttgtaagat aatttacaac ttataaaaac agtaacacat ttggggtctc 51719614

ataaaacctc tccaagtcag tgtttctcaa tgtggggaga ggctgtcaat 51719564

gattaatttt gctgccaggg gaagtttggc agtatttgat gacatttttg 51719514

tttgtcccaa ctggaggggt gctactggca tgtagtgggt agagaccagg 51719464

aaggctgtaa aacatcctac aatgcacagt atagcacctt tcaaccgata 51719414

atcatccagt acaaaatgtc aataggcaag ggtgagaaac cctgtactaa 51719364

gtgatttcct ttttgaccat aagaaggatt gcctacctga ggtgagagga 51719314

ttgctggagc ccaggaggtc aaggctgcag tgagccgtga ttgtgccact 51719264

gcactctagc ctgagcaaca gagtgagacc ctgtctcaag aaaaaaaaaa 51719214

ttgtcttaaa catgatctaa ctcttaattt ggcacactct ttattatact 51719164

acactgcttg ttttagaagc tttaatagtt gatattcaaa ctaaatatat 51719114

ttatatatgc acttaaaatt ggctgtttct tgtatatttt catgaagctg 51719064

tcatgttaat atattagtat ccagacatcc tagccagcta ggatgttgtt 51719014

cccaagcctg tgtggactat attctgaatt aaataaagcc atgaaatatc 51718964

aaaacagttt aagtacaaaa atatataacc cctgtgccat attataggta 51718914

cttaaatgat aatttcttac aacataaatg tgaaataaac tctgaacgca 51718864

tgatgattgc tctggtattt ccttttgtct tgatgcagta tacttgcaca 51718814

tatgatcaca tcaaattgca ttatcaaatt taaatgtcat ttccatgctt 51718764

ttttatttga ttatatctcc atttatagtt attccatttt atgtgaaaga 51718714

aactggaaat atcataaatc actttcattg agaccatctc tatttatcta 51718664

tagatcagat aacaaatagt acaagttatt taatgaatgt gacatagtat 51718614

agtggtataa tctctctgtg cccaacttca gatctcatca gtaatatcct 51718564

gattgcttaa acttgaagta gatacaatga aaaggaattc taaatatttc 51718514

tatgtaccct ttagaaatta tacctcctac gcaatagtga caactcacat 51718464

ttataggctg tgacagtatt ttgtgattta gttgaaacgt aagacacatt 51718414

ttccacattt tcttttccca ggagaaataa tcatgataga ataagtgtgc 51718364

ttaaggtttc taggacacag gagaacgcca cccctcattg ggataatgtg 51718314

gcaaattgga cacagtgaaa gagcagtcag agagagaaag taagactggc 51718264

ttgtaggcct agtaaaccgt ggtccacagg gcatgatttg aagggataag 51718214

ggaagtgctt tttcccctgc aatgtctaat cagctcacct gccctcaggc 51718164

cttaagttcc aacagaaaag attgatccat tacgtatatt aaaaaattgt 51718114

tttgtcttga gcagaccatt atgaaaatgt cagtgatctg agatgaagca 51718064

aaagttgtta accattagaa taaaaccatt tagcaaggct tccttagcca 51718014

aaggtgtcta tgctggaata ctgtgttgag agaaaggcct tttggaaatg 51717964

agactcaagt ggaagatact tgtgatgagg gtcaaggcaa aacaaggtct 51717914

tcttggcttg gcctttgcct acgtcactgg ctttattttt taagagatcc 51717864

atctttttga actcaggcta ccttcttctc taacactatt tcataccttc 51717814

atgcctgtgt cccttccact ctcttcccag tgtctccttc ctttccctgc 51717764

ctattgacgg attgcttact caaaatacag tcatatgttg cttaacaatg 51717714

gtgatatgtt ctgaggagtg tgtcattaga ttatttaatc attgtgttag 51717664

catcatacag tgtacttagg caaacctaga tggtgcagcc tgctccaaac 51717614

ctgggctata tggcatagct attgctcctg ggttacaaac ctgcaccaca 51717564

gcatattact gtactgaata ctgtaggcaa ctataacaca atgatatttg 51717514

tttatctaaa catagaacac agtaaatata gtattataaa attacagtat 51717464

tttaatcttt tgggaccatc atcatatatg cagtccattt tttttttttt 51717414

tgagacagag ttttgctctc gacccccaga ctggaatgca gtggcatgat 51717364

ctcagctcac tgcaatctct gcctcctggg ttcaagaaat ccttctccct 51717314

cagcctcctg agtagctggg attacaggca cacaccacca tgcccagcta 51717264

atttttgttt ttttagtaaa gacagggttt tgccatgttg gccaggctgt 51717214

tctcgaactc ttgacctcaa gtgatccgcc tgccttggcc tcccaaaatg 51717164

ttgggattac aggcgtgagc cattggagtc cattgttgac tggaatgtcg 51717114

taatgtagtt agtgactgca ttaatcagga caaggaagag agtcacaact 51717064

ctaagaacct taagcaacac ataagtattt ggcttgtgcc tctgggaagg 51717014

atagtgcaac acctaacaca gttgaagaag gagctggaag aaccatggcc 51716964

ttggactacc aggattagtg tcaagggttc aatgctattt gccctctctc 51716914

tttttctttt ctgcttgcct ctgctcctta tgactcttgg ccttatttcc 51716864

ttctgctgtc aaagggctta tcctacatgt ggttggaggg gggtgatggt 51716814

actgcctcag taaacccagt ttagtcatct caggtgacaa agaatttttt 51716764

tctcctgatg tctatatatc aggcccaggg aaatactgat aaattctctt 51716714

tggctgttac acccacttca ggaccaatcc ctgagtccaa tggaataagg 51716664

gaatatgact ggctggaact cagttataca tatactcttg tggccagagg 51716614

tcaggatcca taaccagaag aaaggggagc aaagacatgt ggggcagcca 51716564

agcagtggct acacaacacg caggactcta atcagcactt aaggcccact 51716514

aagggaggga ctctatgaag ccttttgtga ccctgaagtg agaatgggca 51716464

ccccttcttg gtgcctctgc ctattaatga acctaaacca ttgtattaca 51716414

tttgtgtatt tacaattttg aaagcttttt aaagttgata atgcttttgt 51716364

aatattttca gataattgat ttatgtcccc ttagctcctc cacctagatc 51716314

aagagtgtgc taatgactca tatgaaggct ggggttaagc taaatgaata 51716264

ttattttaat ttcacatctc tcttttatta gtacatctag gcaaagccag 51716214

ccttattcac agaacattct agcttttggt cttctcttgg ccttattata 51716164

caaaaatact tcaaacacta caagtacaat tttctttcaa caaatgagac 51716114

caaaagaact gcagaaataa tctgttttag caaatgtgcc tttagtaact 51716064

ttttaaattt ttttaaaatt gattttgaag aattccactt tttaatagta 51716014

taatgaacac ccacatagcc agtatccatc tctagaagta aaactttccc 51715964

aacttctgaa gacagtttgg acttctggac tctgggcttc cggactccat 51715914

ttgaatttcc ttccctgtcc tttctcagat ataactgtct tgaatttgct 51715864

gtttctcatt cctatgcatt tcttcttatt tttcttcttt gttaagcctg 51715814

gttacaaaaa catgaacaaa cagctcctct gtgtagatga gtatcagtgt 51715764

cggtgacatt cctcacccta atctgtgttt aaatgtctct ttctagtagg 51715714

tgctacattt cttcccatgt cctcccaagt ggtgggcact gactctgtta 51715664

atgttgttga gtaaatgaca tgaagataca aaaagacaaa gcagaaatgt 51715614

gctcaaaaag accaaaaccc atttcccaat tttgttcagg gacatggaaa 51715564

ggctctagtg tgtgtttcat ggtcttcatc agaccaggtt gttctcaata 51715514

ctttgctaat aaaatagcct ttaattttaa ttctaggcat actaggtatc 51715464

tggaagaata tacatgagtg ataaatcaaa attgcggtgg cctttgacag 51715414

tggttcaatt ttgaattcct gctttctctg catgttagaa ggaatttata 51715364

ttttgaattt ttcctgcttt tcaggaagaa gcataatgaa ggaggggagt 51715314

tgggaatacc tgactttccc agttactggc tctgtaaact tgggcaagtt 51715264

catttatgct ccctgagtcc atttcctcat tggaaaaatg ggcatgataa 51715214

taactgttct gcctagtttt ggaagttgct ttcagaaaaa aaagagagac 51715164

aattcctaaa ctaggaaaga ccacaagtat aaaggagact agctttggta 51715114

gaggctcttc tgtgttccgt catggggtta ggaaggatgg agatggttac 51715064

tctgccggag tggacttttt ttagacttaa ggctcaatct taataattct 51715014

aattaattat ttccaatatt ttattggaat ttgtgaaaat tccaataaaa 51714964

tattggaaat aattgtgaaa atggtcttgt attcatgtgt tcagacatat 51714914

tcctagccag aactcagatg ctaaaacttt acttactatg taacagattg 51714864

gtaaatgtga tttttttcct ctggtattga aacttcaaca gagggcccaa 51714814

gatctgagaa gatctgggaa caaaaaaata gataacaaaa cattcacctt 51714764

ctgaagtgag gttccagagt tctggctctg cctgtgtatc tttttacagt 51714714

gatggaacgt tctatattgg ttctatccaa tatggtagcc tgctagccac 51714664

aggtaggtat tgagcatgtg aaataggact aatgagatcg aggaactgaa 51714614

tcatttattt tatttttatt aaaatttaaa tttacatagc catatacggt 51714564

aagtggctac tgtgttggac agtgtaaact aagaccactt ataatgatct 51714514

tgcaaaggaa gtggttaaaa cttagtgtgg cttctgctca tctggcccgt 51714464

catgcacttc catggtatgt aagaaaggtg agtgttcatt ggaaggtaga 51714414

agaggactgt tatgagaatc atctgtagac aatttttttt ttttgaaatg 51714364

gagtctcact ctgtcaccca ggctagagtg caatggcacg atctcagctc 51714314

actgcaacct tcgcctcctg ggttcaagca actctcctgc ctcagcctcc 51714264

cgagtaggtg gaactactgg cgtgtgccac cacacctggc taatttttgt 51714214

atttttcata gagatggggt ttcactatat tggccaggct ggtctcgaac 51714164

tcctgatctc gtgattcgcc cacctcggcc tcccaaagtg ctgggattac 51714114

aggcctgagc cactgttcct ggccaatttt tttttctcaa tgtgttatga 51714064

attcttcatc tcttctatga tgaggaagag catagtgctt gccctcatat 51714014

ctcacaccaa tgaatttttc tttaaagcac cactaaggag tttacagata 51713964

gacaggaatt gtctgatgca attcctgaag aagaagagtc tacaggtgag 51713914

agactagttg tgctaaagag ggttccactt tgctcagctt tctgagcaaa 51713864

gatacctggc caactgtaga ccagatatgt gtctgttagg ggagtgtatc 51713814

atggctcatt ttaacagaga cccatacaag aggagtgagg tgacctcaag 51713764

tgcagggttg aacttggaca ctagagtcta ccagagaaat cttaaatagc 51713714

cagaaggaac aggtattgtc catgccaggc aagcagctgc atatcttgag 51713664

tgtaaatctc tgcagaacct gcagaagggc ctgactccaa aaggagtcag 51713614

tttcagatat ctgcaaaact cacaaaaaat caaagctaga tataaatctg 51713564

caaaaatcaa agctagatta tcaatgttct tactcacggc agatcttttc 51713514

tgtcttacat tgcccttccc tctctcaact ccaggcccta tgctcaaccc 51713464

tggagaacca gaggcttcat agtgagtaga ggaggaggag tcaaggaaaa 51713414

tgatccaaag ccaaccaaac tttttttccc catcacagat tttccagcct 51713364

gaggcaggct tgggctgagg gaaggaagaa attttcaaaa ggatttgaga 51713314

ttgcattaga ttgcactgga atttttcata tttgaaagta ttcaaaaaag 51713264

ttatgtcatc tgcttagagt tttatccagg atctaagaaa aatcatttga 51713214

cagtatgagt taaatacgaa ttggttagaa agactaaatt tcctctcttg 51713164

cacctgctga gcccaggcca ttcagtaaac tgattacaat aatatgaata 51713114

attatacatt attaatgata tattaataat gatagtgatg aatagctaac 51713064

atttatcaag tgtttacaac ctgctagata ctcttctaat cattttatct 51713014

gttttaacct ctcagctgga gatacatatg aaactgattt ccgtctatat 51712964

ctgatttagt tagataactg gatcataaag ctttgtcagt cacattggaa 51712914

gatccaatta tgcctttgga aaatcattat ctattattta ttaaacacac 51712864

atatcaaaca tttcacatgc attattgcat ctactacttt aacagtacta 51712814

tgaaaatatt actgatttca tccacgtttt agaggagtaa gttgaatttc 51712764

agagatgtga agtcaatttg cttgatcgca gggctaggct ggtaatacag 51712714

ggctgtcagg cctcagtgct ttgcccttta tcaataccct acatcagagg 51712664

aaagataaga atcacctgtt ttctcttttt gaaagaagtg cattaattac 51712614

aaatgttttg ttcaagcaaa ataaaacaaa tggtatatct gaaccttgta 51712564

aaccactttg agtactgaat aaaaataatc aatattaaaa ttagtttctt 51712514

cttttgactt atattgatga taaactcctc actttagtat ggataaaagg 51712464

gtatacaaga aatggtttaa attcatggtc aacctgtatt attacaaaaa 51712414

tactaaaaac aaaaacaaag ggaagtcttc atttctgacc cccttgagta 51712364

cttctgaccc tccaaatctt cttcctctcc actttatttc attgttgttt 51712314

ttaaaatgaa ttccaaaacc caagagaggg ataaggctct taccaagaag 51712264

aaaaggaaga agctatgtgg ttacggttca gtgtgttctg aacttttgaa 51712214

atttggggcc tatttatact tcaagacaaa cagagatcat gttaacgaca 51712164

gcagatgttg caaggaaagg atagagttta ttatagactg gtctatgtgg 51712114

agtcagaagc aataggccct ttctgtggag gaagttgggt ggcagctaca 51712064

actcgactag ataaagctta ttattttact gtgatctagg ctgagagcat 51712014

aatgtggtgc aatctctgtt ggttagattc acatgctact cctagtacaa 51711964

tttttttggc tagttccagg cattacttcc aaaaccatgt aggttgctca 51711914

aatgcaagga aaatacctaa ccattgtgaa aggggtagga gatgcctcat 51711864

atttgcaaat atgattggaa acatttatct ttcttttttc caccacatct 51711814

tctaaatatt agcatttaat aaaatacaca tttctttcat ttattttgaa 51711764

ctccctccaa agccagcaaa taccagaacc tcaaatgtta tgataggata 51711714

ggttctttat tggtttgttt tcttttcatt ctttctgttt ttactgtgtg 51711664

actctttttc attataaatc cttatgtttc caactcaagg agcctgacta 51711614

atcagaaggg cttccagcag aggtagacaa atattctcaa catggtcctg 51711564

agaccctaca gatgcagata gctctgctat tcacaggaaa tgaagaagtc 51711514

aggtccatcg gagacagggg atttcctctt cagataaaat atattagctg 51711464

ctgcatatta gttccataaa gctcagggat agagacaaga tgatttcagc 51711414

tggtgaggga aatggcttct tcttgtcctg aatgccactg aaaacagagc 51711364

ctgggacaaa gacttgcgta taggttattt atttgggaga tggttccagg 51711314

gaacaggagt gggggactgc attagtgaaa caaagaagga gggaaggcaa 51711264

ctcaggatgc ctacaggaaa tactgatctt gtgaggcttt ctcaggatcc 51711214

ttatgaaatt tatcccaaca ctgcccatgg gaaaaaggag aagggacagg 51711164

ttcctgtctc tgattggtta aagtatcccc aacaccaaca cttcttggtt 51711114

gcacacgtat gaatgctaag tggttcatct catgcagtaa catcagagag 51711064

gcctggggca gaaggcagga cactgttagc ttcctcctgc atggaactgg 51711014

gagcctcatc agtggctaaa gtaaaagatg agaccaagaa gatttgaagt 51710964

agcacacaag aggtacctga tacagcctcc taaggaaatg gttatgatag 51710914

tattgttgtt catagtcaac tcagaaagat ctgaattgag atcccatctg 51710864

ttgcacatac tagctgtgta tctctaggca agttatttgc tcctagcctc 51710814

agtcttctca tttttataga tggcgcttac ctcatttggt ttttgtgatg 51710764

agtaaaaaca ttacataaga ttactgccta atatgttgca tatattcaat 51710714

aagtattcaa attttatatt gagtattgag tgtatattca acacatattc 51710664

aaataatata ttattagtaa tagatatata tgtttaatga gtttggcctg 51710614

ggtcccagaa cagtggtggc aaaacactat ttagagaagt gaaaaggaaa 51710564

ttaaaagatg tagaactcat atcttccatt ggatagctaa gattcatgta 51710514

taaataagta caatatagat ttctgttagg tgaatctgag acgtgaagat 51710464

tccaaagtga tttcaaagtc attaaaaaaa ggaatgcaat ataaatatga 51710414

tattttatgt ttaattttat ttacatttat ggaaaaatgt tcaaccagga 51710364

ctattgatga tttcaaagga gccttatcca ctgcaggaat atttgcctct 51710314

cttgtcatcc atatttatat ccataaaata ggaatgttga gccagaagat 51710264

tcccaaactg aactttaatt caattctata tctgaaaata attttttttt 51710214

ggttgagatg gagtcttgct ctgtcgctca ggctggagtg cagtggtgcc 51710164

atcttggctc acgggaacct ctgcctcccg gggtcaagca attctcccgc 51710114

ctcagcttcc cgagtagctg ggattacagg cagccgccac catgcccggc 51710064

taattttttg tatttttagt acagatgggg tttcaccatg ttggctagga 51710014

tggtcttgat ctcccgactt caggtgatcc gccctcctcg gcctcccaaa 51709964

gtgctgggat tacaggcatg agccaccgtg cccagccaat tccttttaaa 51709914

tcagtcctgc acattgacta gctagaatat ctgttttgtc agttatgtaa 51709864

aaaaaaaaaa aaaatgacta aagcatagat gtcaggtaca cacaaaaaaa 51709814

cttactgtgt atttattcat taaatgtaat tatattgact gttccaaact 51709764

caagatggat ttataaaagt tggttatttg caatgtattt cacacaatga 51709714

ccatgttaaa aatcatagga aaacctttac gtcagtgaac aaaagtctat 51709664

ttcaatcata atattccata aacacatttt actaatattt ttctggattc 51709614

tgaacagtat gtgttacaat gattcttttt cccatagaaa gagtgctgtc 51709564

ttttgataca aagatcacta tcatttctgc aacaatggtc tctagaaaat 51709514

cttcccaggg gttgggctta agaacttttt ccgagtatcc taacttcctc 51709464

cgaagtgaga tactcttgag agggaaaggg aaaacagtta ataattttgc 51709414

tgggacaaca agaataaatc atcactgccc tgaaaaacat ggggatgtgt 51709364

ggttgtccta gtcatacacc cctggaagtg tttccatggc ctttttgtgg 51709314

acaccagcaa tatggaagct gtcatttgtt ttcattttca ttttggttca 51709264

ttcaacaaat gtttactgag actctaccag gtacaacata cttggaatgt 51709214

agtgtgataa aggtgaacat ggtgcttgac tttgaagagc tcatagtcta 51709164

gtgtgaaaat gagacattaa aaaactgatt gtaatacaaa gcacaaatgt 51709114

gataaccagg aaagttcagg gcatcaaggg agcacgtagt agggggacct 51709064

atgcttatga tctaaggcag gagttagcaa acttttctga aaagggtcag 51709014

atagtaaata ttttagtttt taaaggcaac tgttttgggc tagaagggcc 51708964

ataaatggtc ttcatttctc cttctcctgc tctttcttcc ctttctcctc 51708914

ctgttctttt tctctttttc ttctttttct tttaatatcc ttttagaagt 51708864

ttaaaaccat tcttagcctg agggctgttt cataacaagc catgggcaaa 51708814

ttggccctat gggtcatagt ttgtcaatat ttgatttagg agagaaggga 51708764

aatcttcttg gagcaagtga tatggaggtt gagatttgaa agacaagtta 51708714

tcattgtata gaaagagttg ttggaaaaag tacatgagat ggtgggacaa 51708664

tctgtgcaaa agcccataga ttagagactg tgttgtatct ttaacaaatg 51708614

aaaagaagtc caacctggct ggagaatgga ccaagatgat attggaacat 51708564

gaaatctcag ttcccagaat atataataac ccatgttaag gagttgggac 51708514

ttgattctaa gggcagtaac acattcataa aggattttaa atgaggaaat 51708464

atcatgatta gacctgcatg tttaaaagag tattctgact gtgttgcaga 51708414

gaatagattg gatagggaca agagataaat cagcaagttc agtacagaat 51708364

aatgacatag gagataatga ggcagcaaat gatgaggatg attacatgag 51708314

aaatacatgg attccagtga gatttgtgaa gtgaaattag ctggacttct 51708264

tgattgatta gaggtaagag atgaggaaaa gagaggagga gggagggatg 51708214

actttgaggt tgctccttaa acaactgagt ggctggtggt gccatgtact 51708164

gggagaatcc tgcaggagaa gcagatttga agaattcagt tttagacata 51708114

ttgaatatga ggtatatgat agtcatccaa gtggtgatgc cctttaagga 51708064

attaaatatg cagttctgaa gtttacatga caggtcaaag atttgaggat 51708014

caccctgtag atgtaaccaa ggctcaggga cagaataaaa ttatgtgtgc 51707964

agaataagag ccccccaatg ttgaaggaat gactagacaa ggacgatctc 51707914

acaaagcata ttgagaagga gtagacagac atataggagg aatacagggt 51707864

aattttagag tcaccaaatt cacagaataa aagcattcca aggtgggtgg 51707814

gatgatacag tatcaaatcc ttcaactagg gaaaaaatga gtcctgagaa 51707764

gaaattattg gatctgataa tatagacttt attgataatc ttgatacaag 51707714

cagtttcaga gaagtggcat ggctggaagt cagacgggaa tgggttgggg 51707664

gtaagtggga gtacgtaggg atggtgagag taaaacattt taccaagaag 51707614

tctagcaagt atgaaaggtt ggaggaaaaa ggacagagtg gtagctggag 51707564

ttggggaaag gatctgttaa gatccaggag gtcttagaca tgttttaata 51707514

ttcatgagga taagtcagta gacttagagt aaaagtacgg gagcaagatt 51707464

tcttgataaa ttgggaggat gtgggtttca gagcacaggt ggaagaaatt 51707414

gagtttgcca atgaggccag cctgtactct gttcacctgg tatgggatgc 51707364

atcatactgg aggtgccttg ttcacagttg caaaaagtca ccctgtaggc 51707314

tagagggcct tttgcaggaa taggaacatc aaatgaggca aaagaaagca 51707264

gaaaggatga gtgaagatgc tgatggattt attttcagat accattttta 51707214

gttcaacatt ctttcttggg acagtgtcac atttttaatt tggaaatcac 51707164

tccccagcat acttaatgtc aacaaactta tcaggctgtc atggtagcaa 51707114

tgatttctta tttattgatt attataaata tacacattga tataaagcaa 51707064

ttcttatata ttcagcaatt cttttaagtg aacatgtttt agtaatcacc 51707014

acacagataa tcaaatttga aagaaaaagt gtagaaatct attcatcaaa 51706964

ttaatatttt tccagtttac acaatgcttg gctagcatat gaattctcaa 51706914

atcctttgca ataattttga gagttcaact tatagcaaca ctgccacatc 51706864

tcagatcatc agagccaggg tctgagctca actttagaga aaggcaacct 51706814

cacatataaa agctaatggt acttcgtcgg ctttccagag aattaaagta 51706764

aaattcaaaa tatttcagag gagaatcaga ttcacacttt tctagacatt 51706714

tcattacaag aatttggctt gggatgggac tgtagggaaa aggtgttaat 51706664

ggacagatga caaaatggga cagagtttag ggatggaagt ggagtatcag 51706614

tgattcaatg gatggaaaat agttttggca tttactgacc cctcttccac 51706564

ttgttcctcc tccttctgct gctcctcctt tccctctttc acctccctct 51706514

ttcattagtc atgttaccct tttttttttt ttaccatggg agaattagag 51706464

atgatatata tataaagtta tccttgacag ggtggggaaa ggattttcaa 51706414

tttgtagcag aaaggaaggg cctacttggg ctgcagtatc tcttagacag 51706364

gttggaagca ttattttcag tttcttacat gcataaaggg ccatatgtag 51706314

attgcagatg cataaattgt gaatgactgc attcaatatg taagtcaaca 51706264

acactgttcc tgtggaccta tgatcagaag aaagaaattg ggatggagac 51706214

agcagcagac acaacaggca acggtatcaa tgagctgttt caattgtgaa 51706164

aaaatttcga gagaggaaag tcacctagta atcattatca ggctttgatt 51706114

ttcccaagtc cttcctttac ttctatgatt atacatttag ggaaaattac 51706064

aaatgatctc cataagtttt accctggggc atttaatatc tgtaaatgct 51706014

atctgtatca ccgaatagac ttaattttca tccaaattag tattaagttt 51705964

atttaattga atttgtattc taaaaattga tactctgtgt ataatgcctg 51705914

tctgtatata agacataaag aataacttca gctagccagc acctgtgatt 51705864

aatcacaatt gcccttctct gcccatgacc atgaagcagg caaagatttt 51705814

ttttaatttt tattttttgg cttttgcttt atcacttccc ctttctactt 51705764

caagcatcta tcctagcctc atttccagtt gttactggat gtttgcactt 51705714

taatagaaaa ttgctgtcag taaaaagcct ttaaggtcca actaaatgaa 51705664

tcttagtgga cttttagatg gaaatggggc cctatgggag agacattttc 51705614

cagagaggaa cagtcatcaa tctgtgctgc tggcattgca ggtgtatcgt 51705564

ggagttctga ggagtagctc taatacaggg tctctacttg tgcagtcaaa 51705514

ctatttttga ggctctttga cccagaatcc ccctggagct actgtcatat 51705464

tcttcttcat tgcttcatag tcaaatttct taaagaggtc tgcccacatt 51705414

gactcttcct tacctcttac tcaccctctc ctcactgcca tgggcttttc 51705364

ccctcatcac ttcactgaaa ttgcactggc aaacattagt cattgctaaa 51705314

ttgactggta ttttgtcctt actttatgat ctctggggaa tttgacacca 51705264

agtccactcc ctggttctta aaatcccatc ctcctttgat ttttcaaggc 51705214

agtgcactct cctggttctt ctacttctcg gtactgtagt aactgaaagg 51705164

tggagctggg ttgggaacat aatgtccaca acagccctca ttctttgata 51705114

tggacaactg agttttctca attatttgat taaatactct actatgcaaa 51705064

caaatcttca agccctcttc tgacctcatt gctgatctca gtccttttga 51705014

aataggagtt tgggagccac cactacctca gacattgcct cctcttcata 51704964

ttctccctct gaatcctctt ctacctatac ctccaatgtt agtattctct 51704914

aaagtttgtc tttaactgcc ttctcctttt cctcttaatt tttctcctcc 51704864

tgatcttatc aaagcccagg ccttcaacta tcaggtctgt gatgaagatc 51704814

ccaaatccct atctctaacc tagtcttacc cttcatccac tacctccaga 51704764

tctgaatatc caactatttt acctagacaa catctctgtt ccacctgttt 51704714

tagaatgcct tattttcaac agtacactct ccacccagtc tcccaaatta 51704664

gtagtcaccc ttgactgcac ctccctcggt tccatccttc acagagtcac 51704614

aaagacttgc aaagttcttc ttcttaatag ctgctaaatc catcctttct 51704564

tcttaatttt cttgctactg ctttggtgtg agcttttacc tgagctatag 51704514

cagtaaatac tgttcttctt ttactagtct aaatgtctat aattccacag 51704464

tctacagaaa gaagtgctct tttctaaaat gttaatctga ttatgtaagt 51704414

gtctgtataa aacttgtact ggcttccctt tatcttatag aagaaaatct 51704364

cagttcattg gtataacatt tgatgtgctt tgtaatctaa cctctatcac 51704314

aagactctgg tctccttttc aggtaccact ctcctttgca gtatgataaa 51704264

cactgcttgt tgcttgaggc ctctgtacct ctgggcaata tgttattctg 51704214

gttttgtctt tcgtttgatg ggtgtctatg ctttatttac caatctagaa 51704164

aatagattgc atgccagaag agattgcaga gtaaactccc tttctacagg 51704114

tgttggttga ctaaaattgt cagagggagg ataaagaaag atagaagatg 51704064

tagctattct gatctcatta gtgcctcctg tcagtattgg catggctgat 51704014

gtgactctga ggtagcaaca gacttttgga aataaactag ctacccttca 51703964

aatgaggatc actggagcag aaatgtgaat ggtctgcatt ccctccaaaa 51703914

cagtagagca tcttgactta tatttatgtt tatttccaga tgagctttcc 51703864

aggaattaaa acacaaaatg tgtaccatct gcatcctttt ggtgtagtac 51703814

agggagatgc tgaagtcatc atgtagttga tatttgaaga gaaaagtttg 51703764

caagattctt taatatgtca tcaatcaggc atgttgctac attttaggtc 51703714

atagtttaca acagacctcc ttgggagaga ggagacttga gactttggtt 51703664

tccttctgaa tttagataat aagtatgtgg ctttggtagt tcattgccta 51703614

ctgtatggca cactggttta aaaaaagata ataaaattat agttattccc 51703564

ctccttcttc tggcttggaa ttatattgaa taatctggat tttgtttgtt 51703514

tgttttttgt caatcctcat tttagtgctt gagactgcta gggggaagtt 51703464

ctccattaac tagagccctc aaataaccag aatcataatt gccaggagaa 51703414

aagaaaatgc actgtgatag acttagtaaa aaaaatatag aaataaagta 51703364

cttcttgact gtatcctcac agtcccttct gattcaagca aattactgga 51703314

acacccacca ctataaagct attaatatat aatgaaaaca gatcagaacc 51703264

atcattcaga agcaacaaaa ggatcctcaa tcaattagac actctgaagg 51703214

cccagcgttt ttattactaa gaccacaagg ggagaaatgt acctttttag 51703164

ataaaccttc aacaatattt tcataagtcc ttcatctttg tttatgtagc 51703114

actttctata aatgtttatg gagcactctg tatacagaca tttattgcag 51703064

cacacattac atgccatcat tgtgctttgt ctatttgtct tttcctctta 51703014

cattttagtg ctttgagggc agggggccat ttatctttgt ttccttgtta 51702964

tctagaacaa actacaggaa agcttaacac ctatttaatt gaaggtaacc 51702914

gcaagcaaaa aaaaaaaaaa aaattgattt ctgataattc tgaatcccag 51702864

aaaaaatttg gtacatttga attatctatt cctttttctt tctcttttaa 51702814

cagtgcattt attaatttat tatttaattt cttatttgat gacattcaaa 51702764

tactctctcc atttatcaaa agaattttga tattttaaag tacctttcat 51702714

agttctcatt ctgtctgcat tctaaatttg ctttttctag atcttggaat 51702664

caaagtttct tgttcagtta ttaaaatttg tattatattt taattagttt 51702614

ctaatttgta ccaatttctc agaaacactt ggtaatttca ttatttggag 51702564

gaacagttgg tatttggtta catgagtaag tcctttagag gtgatttgtg 51702514

agattttggt gcacccatca cccgagcagt gtacactgaa cccaatttgt 51702464

agtcttttat ctttcacctg cctcctatct tttcccctga gtcgccaaaa 51702414

tacactgttt aattcttacg cctttgcatc ctcatagctt agctcccact 51702364

tatgagtgag atcatacaat gtttggcttt ccattcctga gttacttcac 51702314

ttaaaataat agtctccaat tccatccagg ttactgcaaa tgccactaat 51702264

ttattccttt gtatggctga gtagtattcc atgacatata tataatatat 51702214

tatatattat acgtataata tatataatat attatatatt atacatataa 51702164

tatatataat atataataat atgtattttt atccattcga ttgatgggca 51702114

tttgggctgg ttccatattt ttgcaattgt gaattgtgct gctataaaca 51702064

tgtgtgtgca agtagttttc ttgtataatg acttctctat tctgtattga 51702014

ggtcttataa aataaaacat agtaattact tccacaaatt ttattgtttg 51701964

agatatgatt aatatgatat aatttttgaa ttttatcaat aaaaatgtgg 51701914

aaattaattt tctcttttaa taagtgtgta cataatatcc ttgatttttc 51701864

ctcttggcca caaagcctaa aattcttact ctttggtctc ttatggaaat 51701814

tttgctgact tctgcactat aaaatactaa tataaactta tataaagttg 51701764

gagaaaaaat tagtttctaa aaatctttcc aatgcaatat ttaacactag 51701714

cctggacatt gaaatcatga attctgtgtc tcacctatat ctatttctaa 51701664

tccttctttt gtatcttgtt ttactttgca tagggctgaa tgaataacag 51701614

gtgcttaatg aaaactggtt aattgattta tttctctagc tgcccagttt 51701564

taggaaaata ttttgcttta tcatactgga atttaactaa tggaatgcta 51701514

aaaatgcaat gtaaacatga gcatttataa tgaggattat tttaaatgac 51701464

ttggctctac tatgaggaat atgctcagaa ataaatgtca gaatctttgg 51701414

acagacttaa ctctttacca aacattagaa gttggtgaca tctgtgaatg 51701364

attgactggc aataatgact caagcagcct aagagattct ttggaatcaa 51701314

tgtcaggcca aataggctaa ttttttgctt aattctagtt taataatttc 51701264

gaatatggca ttaccagtga tactcaccat gaaaattttt ttaaaaagat 51701214

ctcaaaatta ggaaactata tagcaaagga aattgcatta gataaaatac 51701164

aacccagagt taatgtttta gttattcaaa atttatatct caatgaaact 51701114

tttctctttt tctgtttttg gttataggaa agtcccataa taattttagt 51701064

tgttaaagag tacattttca gctgccagga taaggtgggt tctattgtga 51701014

atccttccta aatttaactt gaataaacca gtcaagaatt taatctttgt 51700964

ttgacaaact aattggctgg ggtttagaac catcagttat gtaataaaac 51700914

tgtatgcaat caattagggt ggactgatta tgttcaggcg acttcatttc 51700864

tgaacaatct tgttagcagt tgaactcttt gagttgcttg cctaactctt 51700814

agaaaatgac tcagcctttt atataagcat ggggtttttt aattctctgc 51700764

aaatttcaga ggcttttcag gtaatgggct gcattttacc aaagaaagca 51700714

atgttaagtg catacagaat ggttttggct tattttccct tccttggcga 51700664

atcacaagtt agatattaat ctcagattcc tcttctggat gacccaaatg 51700614

aggggctggg gtgcagtaaa ctagtagtct gagctgggga gagattcaat 51700564

ccttgggggg tgctattgtc ttccacttgg aagctgcagg tatgatcttg 51700514

aggcagtgac ccatcaatcc agaggaatta gagaatgaaa atcctagaat 51700464

gagccttaat aaggagatgg aatactggga atctggacaa gagggtgaac 51700414

tttcagagaa agaaggtggg gaggagattg agcttggtga ggttgtgtag 51700364

ccagagaggg gaattgagtg ttagccattg atgacattca aatactctct 51700314

ccatttatca aaagaatttt gatattttaa agtacctttc atagttctca 51700264

ttctgtctgc attctaaatt tgctttttct agatcttgga atcaaagttt 51700214

cttgttcagt tattaaaatt tgtattatat tttaattagt ttctaatttg 51700164

taccaatttc tcaggaacac ttggtaattt cattgttatt aaatcagaat 51700114

tatagcatag ttaatgtttt ttatttatgc ttcctatgag atgtacctag 51700064

aattgatcaa aacaaggcca agttctccta aaatatcttt agctaatata 51700014

ctctatatac atccttagaa tgaaaaatta ctcaggtaat aataaattac 51699964

tgtttttaca cacacacaca cacacacaca cacacacaca cactccatat 51699914

atatattcca gaggccaaat ttgttctatt taatactatt cccagcataa 51699864

tagttctcgc caaatatttg ttgaattaat gagtgtggtt ctgatcttcg 51699814

taatagccca aaaagcatgg agcacatttt atagttagca cagatacaaa 51699764

aagaaataaa caaatcattt atgaccatta cagcttcctc tgtcacatta 51699714

tataacccaa ttttagagaa ttttactggt aggagtgcaa aagtatacat 51699664

acactatgga aaacagtttg gcagttactt ataaagttat atatatactt 51699614

aacatacgcc ctggcagccc tggtccaggt tgtttacctt agagaaataa 51699564

aaagttatat tcaacaaaaa tttttagaag aatgaacatt catagtagct 51699514

tcatttgtga cagtcaaaaa ctggaaacaa cccagatatc cttcatcaag 51699464

agtgtggata agtacactgt ggactagtgt tgagaagtaa aaagggacaa 51699414

actattgata catgcaacaa cttggatgat tctcagacat gcagagtgag 51699364

agaagccagt atgaaaggct acacatcctg tatgattgca actgcgtagc 51699314

gttctggaaa aggaaaaact atagagacag taaaaagacc agtggtggcc 51699264

agagatatgg gtgtggtgag ggtattactg taaggggtag cccaagggac 51699214

ttttgggaga tgagagaatt gttttttgtc ctgattatgg tagtagttat 51699164

atgaatctgt atacatttgt tgaacttcat agaactttac aacaaaagaa 51699114

aaaaattacc atatgagaat tcagaaatga aattaaaaat ctctcagatt 51699064

tggataattg tttaaccaac tgaggcttac ttagagtcaa gtggaatctt 51699014

cttaggtgtt tcataactgg agaccatggg ttttgaaagc catgatatag 51698964

ttatctgaga ggtggaaagg tagaaaagtc agctacagta taatttttta 51698914

aaaagaaatg aagtagttat gatcaaaaag gatatttgcc tataattatt 51698864

caaaacgcag agttgcgaga tcttgttaaa acccatcact ttattgtcca 51698814

tttatgggga cttccccctc tggcactgat tcttgcatta attaatataa 51698764

tagcatatga aagaaagatt agaaatgtgt tatgttagaa atagacttgc 51698714

tttaagcgac atacatattg atacaccagg aaaatttgga ctattttctt 51698664

actgctgaga ttttttttca cccactctgg agtccactgg aaaccatgta 51698614

tttattaaat gattgatgct tgtgctcctt aggaaccatg ggaattacca 51698564

tcctagatca gatcattagt ctgcctagtc taacatcttg cttctggctt 51698514

aggtaattat ctgaagcttt tgagggacgt ttaactcttt cttgtaaagc 51698464

attagaccag tgtttcatgt agtgttaatc tcattgttga agtgtagatg 51698414

agaaacccat gctgatgata atcataacta aattcttttt gtacttttaa 51698364

aatataattt tgtttttacc attttaatga ttctggttag atcccaaata 51698314

attaagaatg ctatgatata cttcatctga ttcccaagga tttgattttc 51698264

tactctgcaa tgagtctgta cgaatgggaa tacaattatt ctgtctagtc 51698214

taatgggttt tatacctcta gaacctcaac attttataag aaaagcaaat 51698164

cagcctcttc ctgtttgtaa tatggctgtt cagacctgtt tagtggtctc 51698114

tgagtgaatt atttccaaat aattgatcat tgataactct taacacagtt 51698064

actttgtacc atttactttc taacagatga cttgattcgt taagaaaggg 51698014

atgatttaat tggctaatat aatgtgatcc tttccttact tcctatctcc 51697964

taggtatttg ttgaatgtat aagcattgtt ttagtgccaa cagcaatgta 51697914

tttagtgttt acaacttctt aatgaggatt taaaaaaagt aaatgccagg 51697864

taggagacaa gccatattgc aaatgcccag gaattgaaat ttgggcatcc 51697814

tactcaataa gaatgtttgc tgttgttgtt tatagtcaga gttctggctg 51697764

aggtgttaaa atgataagaa gtcagccatg ctgcaagagc agtaagaaac 51697714

ctaagaacag ggtatgtgaa gaatccctct gtagcactga cttctcaacc 51697664

aggatgattt tgcccttcgg ggacatttgg caatgtctgc agatattttc 51697614

agttgccaca actggggaca cgggggtgta cttatgggcg tttagtggat 51697564

ggaggccagg gaggctgcta aatatcctat gatgtacaga acagcctcat 51697514

acaattttcc acttcaatat ctcaaaagtg ccaaggttga cagcccccat 51697464

tctgaagtga ggagaatgtg ttttcagcat tgagcataat actttgaaca 51697414

tggtaggtgc agaatatgtg ttgatgggat tttcacaaga gacctctcca 51697364

atcagatttg attgcaatta ttgtaatcaa agtaattgca aataaatgct 51697314

aatctaacac aaatttcatg acatgcacta caattacctc acagcgtgtt 51697264

tggttaggca cacatccaaa gcactcatta agaggacaat tactagtatc 51697214

ctttatattt atttatttat ttatttattt atttgagacg gagtctcact 51697164

ctgttgccca ggctggagtg cagtggtacg atctcacgtc actgcaacct 51697114

ctgcctcagc gactctcctg cctcagcctc ctgagtagct gggacatcag 51697064

gtgcgtgtca ccatgcctgg gtaatttttc tatttttagt agagatgggg 51697014

tttcaccatg ttggccaggc tggtttcaaa ctcttgccct caagtgatct 51696964

gctcacctca acctcccaaa gtgctgggat tccaggcatg agccaccaca 51696914

ccaggcccaa ttatgagtat ccttttaaac ctgtgagact aaatactgtt 51696864

ttcctctctt ctcttttaca gttaattttc aaggattggt cgtcagtttg 51696814

gtttattttt tccatctccc actatcaatg acacacgtag tttctggacc 51696764

tcatatccca tcagctgggg ctctatccca cgcacagttc tctagggcca 51696714

cattcccctg tgttccacct ctaacctggc ttgctcatcc catccttagc 51696664

tgttgatcct attaaacttc atggatttta gagcaggata tccatttgct 51696614

ttgtctcttt ctgttctgaa aataaactct ttataatgag atagaaaaca 51696564

gtagggtaag agttctggag caggagatga ttacataatg gatcagggga 51696514

ggttgcacag aaggggttga gtttctcagt ccttggtttg agacttaaga 51696464

tagccacttt ctagacattt ggacagattt ttgcttagtt gggtgatatt 51696414

catgatggct ctcgtgaacc ttgctctact gcttctgaga actaaccttc 51696364

tggaagcttc agccccattt tcttctttcc agggatcact gatgtatcta 51696314

tgattaaaga tcagctacca ttctctgctg actttgtgtc tgcccatcac 51696264

ttccaaatct ttaaagcaga actggctgca gagtagcctt ccaagtgcta 51696214

caggtttgca aacaatgaga agagactttt ctaaaaacca cagcactgct 51696164

tgaaacttgg tgctttaatt cctttcagtc cacaactaga gattttttaa 51696114

atgttcatat ttgtaaatgc aaactgagtg ctagcttctt agaagaagtt 51696064

tttattacaa ttcaaataaa gatgacagat tctttcttct gaagaaatag 51696014

atgtagtttt gggagcccca gtgtggaaca ggttattttt caagaagcaa 51695964

aaggaccatc aacgcaaact tttcttacct caaaatttca ctttgggctt 51695914

gtgccatttt tcttctgctc ttcgtattca aatgtacaac agacacaaga 51695864

tagtaaaggg gggaagagag ggaattaaaa atttcattta gaatccctgt 51695814

tacataaaga attttttcta ccttttagcc tctacaaaac gtagaaattt 51695764

attgttaata tatttttcag agatattcac atatatccat gttgttatta 51695714

ttttaaacca aggatataag gcagccatca gtcatcattt tcataaccta 51695664

taaaataact ttctctgagt gtcaagagta tcagtttttg agtgtcaggt 51695614

aaacacaaca ctgcttcaag ctgaataact atagaaatga atcctaggaa 51695564

tatgttacat agatacaaat tatgtcctga ttcctaccaa tttaataaac 51695514

tatggactta aagatttctt cttcttcctc ctctccttcc tcttcttctt 51695464

cctcctcttc ttcctcttct cctcctactc ctcttcattt ttcttcttct 51695414

tctctggcaa agcaatattt atgtttcagg aataacagta ttaagtgcta 51695364

tggagaaggg ttagagggtt gagattgagg ttacattata aagacaagtt 51695314

gaaagcttca atttatactt gagaataaca agatatgaaa ggattttgag 51695264

aaaatccttt gttcattaga taatgtttat ttaacaagat gagtgttttc 51695214

aatgagatta tactgtggat tttattgaaa agactttaag aagtaaggtc 51695164

tctgttcttt aaatcctgct gatttaaaga aatattatta aatactttta 51695114

agtccatttt tattcagctt tgtctacttg ccattggtta taatagactt 51695064

aaaaccttaa atcttattcc tttattcttc aatttttgtt ttaaaatttt 51695014

ggcaacattg ttttctttgt gcttgttgtt attcatagat cccagcagaa 51694964

tttccaattt tttttatagt cagtgccatt ggaagaaacc ataatatcat 51694914

tgtcagtggg aaatctgtta gcaaggaaat ctctgcagtg acaatgtggc 51694864

agtacagctg tgttgtcttc tgtgggtcag aagtgatgtg actgtaccac 51694814

tcagtttact cagcacagtc tgtttataca cacagtccca acataattgt 51694764

aatagcacca actcttgatt tgaacagtaa aattttgtgg ttactcacga 51694714

cttacaaatc tatatggaag gttgggtgca gtggctcatg cctgtaattc 51694664

tagcactttg ggaggctgag gcaggtggat cacttgaggt caggagttca 51694614

aaaccagcct ggccgacatg gtgaaacctg gtctcaacca aaaaaaaaaa 51694564

aaaaaaaaaa aaaaaggctg gttgtggtgg cgggcacctg taatctgagc 51694514

tacttgggag gctgaggcag gagaattgct tgaaccaggg agggagaggt 51694464

tgcagtgagc cgagatcacg ccactgcatt ccagcctagg caacagagaa 51694414

agactctatc tcaaaataag taaataaata aatttaatga attaattaaa 51694364

aaaagaaatc catatggaag agtggtagtg gttttaagtg gttcattttt 51694314

ttgctggtgt ggtggaggtg tggcttgtga aaaagatcag taaaattaga 51694264

ttatccagga tgagaccaga atgtagtaga atttttttgg aactgagaaa 51694214

gaaaacattt gcaggcattg ttaaaaacta acaagctgaa agcaggtagg 51694164

agggagaaaa tttaaaaaaa agcatcataa cagcaagaat attaattatt 51694114

aagatgaagc caggtggcat ggtggtggtg gtgaggtggt aagagaggcg 51694064

ggaatggggt acctaggact cagcactcaa tgctacttta agaaacttaa 51694014

ctaattgttt atatagtaaa ataatataat gtagaggtca aggacagggg 51693964

gtttgaatca gattgcctgg gttcactttc tgcaagctac ttaaaagtga 51693914

aaaagatgct taagccctat atgcctcatt tccctcatct gtaaaatggg 51693864

agtaatagta ataccttttt attgtggaga ttaaatgaat taatgcttat 51693814

aaagcactta aaacagcagt tgtctcattg taagcactca gtcactcagt 51693764

acatgtcatc tggtattatt attgttgtta ttgttttcaa tgagcaaagg 51693714

aggtaatggc tataccactg ccatcccatg tttttaatga agctgcccat 51693664

attgtcttct ggaggcaatc tcatccgctg aaccagctgg gctggatggg 51693614

ttttctgtct ccatcactta tttgttcagc aaatttctga acttctcttt 51693564

agtctatctc tacatcttga tagagataaa aataacatgg actatttagg 51693514

tttattgtaa tgattagatt tgctacaatc tttgtaaacc acttcacaag 51693464

gtcccaggca catggtcagt tctaggtaaa tgttagaagt tgttctaaag 51693414

aaatcttttt gtataaacgt gcctgtataa taaggcatac ataagccatt 51693364

tgttttctgg gtctcttaag tcaaataatt gttaagtagt agatagtaag 51693314

tatatggttc acatggaggc atggagggcc aatgggaaag tgttatgttt 51693264

gagccatgtg tgaaatgcct tcatagagaa aagtggctga gaatacagtt 51693214

ctgttattca ggacagatga tgattttggg gcctattagt acatgaatct 51693164

ctctctccct ttctatgtgt gtgtatgaat gtgcacttgt gcaggggaca 51693114

tatgtgttga caaataactg aaccctgaag aataccactt cataaatgat 51693064

caggtcaagg aaagccacca aaacagcaaa aaacaacaat acataccaca 51693014

gttgaggaga aacaaagata agagagaaat aaggagatag tgatgcccta 51692964

agagttaaat ccaaagaaca tttcaagaac agcaaaaaat gttataatta 51692914

agtcaaaatg attaaatcag aaaataaagg cctctaataa cattactgag 51692864

aatagtgttg acagagtgat tggggcaaaa tctagatgtc agtggattga 51692814

gatttatcaa aaacatgaga aaaattaaac aataaatact aatataaaac 51692764

aaaaccataa gaaaacttag cttttcaaag agtttgacag taagtggaaa 51692714

aaaaagatag gtgatgttta ttatatagaa aacttatgca tctgtcagtt 51692664

gatgggaaga attttgaaca tctaagaaat gggaaaaaaa tggacgagac 51692614

taacttgtga tgttcaagga ggagtagact gggacaaggt cacttgtgta 51692564

gaaactatac ctagggaaaa ggaagaataa ccatgtcgga gggaggtaag 51692514

gaagagtgaa tatttttaaa aggttttggt aaaagtgtcc tcagatttgt 51692464

ttgagaaatc agtgactaag tcatggaggt agaagaatag caagaggtca 51692414

aactttgaac agaaaagaat tttaactaga gatgaatgga agatgagttg 51692364

attagtactg aaggctcaat taaggttgga aataaagcat ttgtgatagc 51692314

accaaatgac acagaactca gtggtgtgtg tgtgtgtgtg tgtgtgtgtg 51692264

tgaattatgt gattttctac agaattctta aactttccag aagcaaaagt 51692214

gatggcagtg gatacatagc tttgccaaga actggggatt ttcaatgtga 51692164

acatgggaga agaatgaagg ttgagagatt gggaggagtg agaatactta 51692114

tttgagcatt aagtgaatga tgaagaaagg agttgctgtt aggtatgaaa 51692064

tgggaggaag cccagaaagg gctgaacaac tgaagactag agtgaatgtg 51692014

gaaaagaagg aggtttgact ggagagacaa gtttccttgt ttagtatgtt 51691964

ggagatggag ggttcgtaag aaatgaaaag agccagcgtt tgccattaga 51691914

ttgggtagta gcttggtgat ctctaggtga taaaatactt ttggtggtga 51691864

atgctgaaag gcacatcaat gataatttac ttaatcgaat cccacttttt 51691814

taaaactttt aagctcaggg gtacaagtgc aggtttttta cataggtaaa 51691764

cttatgtcat gggggtttgt tgtacagatt attttgtcac ccaggtatta 51691714

agcctagtac tcattggtta tttttcctga tcctcttaat tcttctaccc 51691664

tctacccatc aaaaggcccc aatgtctgtt gttcctgtct acgtgtctgt 51691614

gtgttcccct catttagctt ccacttataa gtgagaacat gcagtatttg 51691564

gttttctttt ctcatgttag tttgctaagg ataatggcct tcagcttcat 51691514

caatgtcctt gcaaagcaca tgatctcatt cttttttgtg gctacatagt 51691464

attccatggt atatatgtac cacattttct ttaaccaagc tataattaat 51691414

gggcatttag gttgattcta tgtctttgct actgtgaata gtgctgcaac 51691364

aaatatattc atgcatgtgt ctttataata gaatgattta tattcctttg 51691314

ggtatatacc cagtaatgag attgctgggt caaatggtat ttctgtcttt 51691264

aggtctttga ggaataccac actgtcttcc acaatggctg gactgattta 51691214

cactcccacc aacaatatat aagcattcct tttttctcca caactttgcc 51691164

agcttctgtt attttttgac tttttagtaa tagccattct gactggtgtt 51691114

agatggtatc tcattgtggt tttgatttgc atttctctaa tgatcagtga 51691064

tggtgatctt tttttcatat ggttgttggc tgcatgtatg tcttcttttg 51691014

aaaagtgtct gttcatgtcc tttgtccatt ttttaatggg attttttttc 51690964

ttgtaaatgt aagtttctta tagatgctgg atattagacc tttgtcagaa 51690914

gtatagtttg caaaaacttt ctcccattct gtaggttgac tgtttactct 51690864

gttggtattt tctgtttctg tgcagaagct atttatttaa ttatacccca 51690814

tttgtcaatt tttgcttttg ttgcaattgc ttttggtgtc tttgtcatga 51690764

aatctttgct catgcctgtg tcctgaatgg tattgcctag gttttcttcc 51690714

agggttttta cagttgtggg tttcacattt aagtctttag tccatcttga 51690664

gttaattttc gtatatggtg aaggaagggg tccagtttta atcttctgcc 51690614

tgttgctagc cagttctccc agaaccattt attgaatagg gaatcccttc 51690564

tgcattgttt gtttttgtca ggtttatcaa atatcagata gttgtaggtg 51690514

tgtggtctta tttctgggtt ctctcttctg tttcattggt ctgtgtcttg 51690464

ttctcgtacc agtactatgc tgttttgatt actataggcc tgtagtatag 51690414

tttgaagttg gatagcatga tacctccagc tttattcttt ttgcttagga 51690364

ttgtcttggc tattcgatct cttttttggt tccatgtaca tttaaaaata 51690314

attttcccta gttctttttt tttttttttt tttttttttt ttgagatgga 51690264

gtctcactct gtcacccagg ctggagggca gtgtcatgat ctcggctcgc 51690214

tacaacctcc gcctcccgag ttcaagcgat tcttctgcct cagcctccgg 51690164

agtagctggg tctacaggtg catgccacca tgcctggcta atttttgtat 51690114

ttttagtaga gacggggttt cttcatattg accaagctgg tctcgagctc 51690064

atgaccctgt gatccgccca tctctgcctc ccaaagtgtt gggattacag 51690014

gcgtgagcca ccacgcctgg cctagttttc cctagttctg tgaagaattt 51689964

caatggtagt ttataggaat agcattgaat ctataaattg ctctgggcag 51689914

tatggccata ttaacaatat tgattctttc ttccataagc atggaatgtt 51689864

tttccatttg tttgtgtcat ctctgatttc tttgagcagt tgttttagtt 51689814

ttggataaaa aaatctttca cccccataat tagctgtatt cctaggtatt 51689764

ttattatttt tgtggcaatt atggatggga gttcatttgt gatttggctt 51689714

tcagcttctc tgttgttggt gtataggaat gctagtgatt tttgcacatt 51689664

gattttgtat cccaagactt tgctgaagtt gtttatcagc ttaagaagct 51689614

tttgggctga gactatgggg ttttcaagac ataggatcat gtcctctaca 51689564

aacaaggata gtttgctttc ttctcttcct atttggatgc tctttatttc 51689514

tttctcttgc ctaattgccc tggccagaac ttccagtact attttgaata 51689464

ggagtggtga gagaggacat ccttgtcttg tgccagtttt caaggggaat 51689414

gcttccagct tttgctcatt cagtatgatg tttgctgtgg gtttatcata 51689364

tatgactcat tattttgagg tatgttcctt caataattag tttattgaga 51689314

gtttctaaca tgaactgatg tcgaatttta tcgaaggcct tttctgcatt 51689264

gattgagata atcatgtggt ttttgtcttc agttctgttt aagtgatgaa 51689214

tcaaatttat taatctgcat atgttgaacc aatcttgcat cctgaggatg 51689164

aagactactt gatcttgatg gataagcttt tgatgtgctg ctggttttgg 51689114

tttgccagta ttttattgag gatttttgca tcgatgttca tcagggatat 51689064

tggcctgaag ttttcttttt tttgttgtat ctctgccagg ttttggtatc 51689014

aggatgatgc cggccttata gaatgtgtta gtgcggagtc cctcctcaat 51688964

tttttggaat tgtttcagta gaaatgttgc tagcttttct ttgtacatct 51688914

ggtagaattc ggctgtgaat ttgactggtc ctgggctttt tttggttagt 51688864

aggctattta ttactgaccc aatttcaagg tagttattgg tctgctcagg 51688814

gattcaattt cttcctggtt tagccttggg agggtgtatg tgtccaggaa 51688764

tttatccatt tcttctagat tttctagttt gtatgcataa aatagaaaac 51688714

actggaggtg tttataatat tctctgatgg ttgtttgtat atctgtgggg 51688664

tccgtggtga tatccccctt gttgtttctg attgtgttta tttgaatctt 51688614

ctctcttttc ttccttatta gtttagctag tgatctatat tatttatttt 51688564

tattaaaaaa agaatagctc ctggatgtgt tgattttttg aatttttttt 51688514

tttgtgtgtg tttctatctc tttcagttca gctctgatct tggttatttc 51688464

ttgttttctg ctagctttga gatttgtttg ctcttggttc tctagttgtt 51688414

ttagttgtga tattaggttg ttaacttgag atgtttctaa gtttttgatg 51688364

gtgactttga agtcctgaga gggaagacaa cttgtttaag aatagcaaat 51688314

tttgggacaa ctgctagtag aacccaagtc caattctccc caatatgggg 51688264

ttgtgtttaa caaaccaagg cattttatac ttaaatcagt caagtactga 51688214

ttcattctgt gaagggggaa atactgtatt ataaaatggc tctagattgt 51688164

gcttacgaat taataaacag atctctttct gtgcacttca tcagataaat 51688114

tcatggtgtc aaattctagc agcctactgc tgtcaatgac atgtacatca 51688064

gagtgaaaat gtaatccagg tgacatatga cataaaaaag tcacattgcc 51688014

tagtaccagc cctttctcaa gtctagttaa ttagtagtat tttttggtta 51687964

attcaagtgg atggatctca aggcaatact atttgtagaa tgcaatctga 51687914

tactgagtat taatccacat cgtttgaaaa tatgaaaata attttaggat 51687864

ctctttggag attgcagtgt caaaactgaa ctgatttact aactcacaaa 51687814

ttcatcctct atttgagaaa cattagtttt attaccaaca ccaagagcat 51687764

catgttatga caagaacatc atgttatgac aagaacatta gacacagatg 51687714

tcaagagacc agtatttaat taattcactt tgtctttggg caagtactaa 51687664

attttaagaa actcagtttt ttcatcaggc aaatggaaat cccacctctt 51687614

atttctgcct tttaaagttg ttgtgaaggg caaatgataa caggtgacat 51687564

ggtggcaaaa tgtgtgcaat ggtggctatc atatggcttc aggccctgct 51687514

ggccactgaa tagatgggtg tctatggata tttaacacca tgagcttagg 51687464

tttagttatc tgtagaatag aaatacagga attatctttc atgttgtcaa 51687414

catttatata taatgcatac aatatagctg atacagaaaa ggatctatta 51687364

ttaacacata atggcaagag ttattattag tacttaacat attaaaatgt 51687314

gccatacaaa tgcaactttt tttttcattt tttatcatct gatttttgtt 51687264

gtattctttc tctgtgccct atcttcatag agtactttct tcagacaatc 51687214

tgatttaatt catatgccta actaacttgg tgaccttctt gcctcatgtt 51687164

taattcattc ctctctgtga aggaagggta ctagaaatag tattatccat 51687114

ttcttccctg ctcctctttt cccctttcct tctcattcac tcttgacaat 51687064

gaaagaactt acatccccgt ttttggtgcc atgatttcag gagggcaaga 51687014

acatcaactt ttctgaaaac caagagaaag tggagtacct gagaaaatgt 51686964

aacttcatat ctggcctctg aaagacatat gaaatataca gtccttgcaa 51686914

aatattttta gaaagttgtc cttgtagatt tcaaacatgc aagtgagtag 51686864

atcatagttt caacttgaat gttcaatttc aatctgagcg aatcaggaaa 51686814

attctagagt taatcattga aaacgaatgg atgcattaag tttattcaat 51686764

ttaacacata ttactgagtc tactatgtgc ctggtgcttt tctggctagt 51686714

tgtaaagtgt caaaactaga caaataaccc tgctctcata gggcttactt 51686664

tcttagctta cttagaggag tgactaagta atatacataa taaataagta 51686614

aattctctag tagattataa agttataagt gctatagaca aaagaaaaaa 51686564

tgtagagcat catagaaagc aaaaagaatg cttgtacata ggctgaccaa 51686514

agtaggcctc actgagaagg agacagagaa gagggtgtgg gattgagcca 51686464

caggaacacc tgggagaaaa gtagagagat ctgccttggc agagtcccca 51686414

agtggggaga gtgcctgcag tgtgtgagga ttagcaagga agtcagagtg 51686364

gcttgagcag aatgaccagg aagggaatta gcagaagaca aagtcagagg 51686314

taaagcgttc tggttctttg gaaagaagtc cagcttttgt tgtggtttta 51686264

aagattacca agtctaatca ttttaatata aacagtagaa ggatgatcat 51686214

ccttctttac aaggtgaaca tgagttaagg gttcaaaaac cttctcacct 51686164

tgaatctcta ggtaagattt aggtgctgtc atccaagcat gccatccatc 51686114

taggacaatg ctgtcaattt cagagtgaat tatagaatga attttgtcag 51686064

ccagtgatca gcagagaaag agtgttagaa aaatctttat agaaacttaa 51686014

gaagtgtcag acgtggataa gtggaatgga atttggatgg agttctgggt 51685964

tagacagcag gtaagttgtg cctaagtgct gttgagcaaa gtgtctgcat 51685914

aggaggtata gctgtgtttt cctgacagtg agttttccaa ggctccacca 51685864

tatcttccac ccctcacacc agcagactgc taacctataa aaccattttt 51685814

tctaccaagt ccttacatgg cctggtaatg attcttaaaa caatactttg 51685764

gcaaccactg ccacaggaag gtagcaaccc tcctcaacta aaacaaagaa 51685714

gttgcttcgg gaaatagtaa agtgaagtgc agggagcaac tggcaagggg 51685664

ccttaggtta taagttgaat catgtaacta taggccaacg taaatgtagg 51685614

ctaggacctc tggatggtga gataacgaaa gggaccaatc tcagaaacac 51685564

tgggatacaa gagcaaaaat tttcagattt tatagaagta gtaaaaattc 51685514

tttaaaaaaa ttttttttaa cattgttttg taatatgaga acaagtatgc 51685464

tctcaaagaa attaacagtg ggaaaattta aaacaagtaa gaggaaatac 51685414

ttctattctt agcgtataat cagcccatag acttttctgt tgaagaaggt 51685364

cagggagtca aatgctgaag aggaaaagaa aagagaggaa aatctggtta 51685314

attttatgac caataataac attgtaatta tgccctaaga taagaataac 51685264

gaggttgaag ttttggggta taaaatgatt gtctcagagg acaggaagga 51685214

attctcccac tcttactcct aacagtttga atggcctcaa agaattggcc 51685164

agatgtgtaa tggggtgtaa tattttccca gaaggcggct tctattgacc 51685114

cagaaaacta ttcttgaaag atcagtggct agttttatct ggaaaatcat 51685064

gtatttcagg gaaaatcagc cttaaattca agcaaaaaga attttatagt 51685014

tggtgaaatg ataaacttcc caatgatgga tatgctctaa ttttgctttt 51684964

gacccagtgt gtgattttct ctaaacataa tattcataaa actaacttag 51684914

tgaatcataa tggatggaaa ttggcctttg acacagagca agtccaatgg 51684864

aaagcacatg aactgtccca taggagttat aaatatgctc ttgccctttt 51684814

gccaaacttt tctcaaaggt caaaccagct gcttgtacct tctgattttg 51684764

tttcttggca tgcagtatgc tgcttaagtg cttgcttttc agaccttagt 51684714

aaagctgtga atccctagca gtctctaaaa tcttctaaat cagttttaag 51684664

ctggccatca agtgggggaa tatctagcag ggcaaacctt atccacagtc 51684614

atttcttagt gaacttccaa gagcacagaa tgaagacaac gatgtcctat 51684564

agatcccctt ggagcctctt taaatggtag ctgtagtgta ggtcacaatg 51684514

tcagattgct tgtatttttc tcttcctttt gcttctaaac taactgggac 51684464

ctcagcatta tttgttcatt gcctctctgt atgtacttac tttttaaatt 51684414

ttctttattt acataaaaca tggatattgt atgagacaga gttactccaa 51684364

ttaacaaata atctccaaat ctcagttgtt taagaataga aaaactttgt 51684314

tttactcaca tctcagcctg aagaaggttg ggtgactctc ctggtagctg 51684264

ccctcctggt ggtgactcag ggaaccaggc tgcttctaac atttagttct 51684214

gttatctcac agtccttcaa gtacagctac aagttcaact ttcttatttg 51684164

gaaaatggaa gcaataaaaa cacaccgctc agtttgctat gataattaaa 51684114

taaaataaga actgttggtt gaaagacttt cagaatagct ggaacatggt 51684064

acatactcag gaaatgttga tgtttcttct ctcttggttt gtatatcggg 51684014

cactggttga gtatatggga gcagaaggac atatgcaaag gtgaataagg 51683964

ctgatatctg tactcaagtt gctcatgagc tcattgtctc taaaagagaa 51683914

ggagaatttg tttctaaaaa catgactgag taagctccat gaaggcaaac 51683864

actgtgtctc tcgtttaatt tttaaccatt ataatctcaa agttgaattc 51683814

attatcagga taatggcaaa tggtcaataa atagtataaa atcaatgatt 51683764

acaatatcac aactatacaa tggaagagct agaaaattac attctttcct 51683714

ctttttcctc tgtattactc acactgcccc cggaatttac caaaatctga 51683664

tgtgatggaa taaaacctag gattactatg atttcctgag tctatgccat 51683614

acatcatcca aattgaagag atggtcctga agtatttcta tatgcagacc 51683564

atagtacaca gctgcttata gttctttaac cttatatatg gttgaaaata 51683514

aggtacaatt ttgcttaatc aggtatactt tcccatcctg agcctatata 51683464

ttgtgtttgt tgtctgattg gcatctgtaa atatattttt tggtatttgt 51683414

tcttatagtt ccagccacta ctttgcctca aagtttgaat aaagcctttg 51683364

gtataagtaa gccattctgt ctcccagtgt ttagtgtcaa ttgtgtatct 51683314

ctgtaatcta gttatgtttt ctgactcaaa attggatccc gaattgtcct 51683264

taaaatttgc tcaccttgct gaattatgat acatcagttt tcaggaggag 51683214

tcattgaact taaaggataa cttagaagta atttacctga aatcctctga 51683164

gccagaatct tatttgtaag aactctagca aatttgtttg taaaaaaatc 51683114

ttcatagttg atttgttcaa ctgactaaat ggtatctggt tgatctcacc 51683064

atgtttctta ttcactcttt cttctggatc ctatttatta ctgctagtta 51683014

gctgattgtt tgggtaaaag cctccttttt caatatattt tcccctgcca 51682964

tgtctcccag acattagtac aaataacttt tatgtattct ccctgtatta 51682914

ggtaagtatc caggtatatt gctttgtatg cataataagg aaactgaggt 51682864

gcatggtagc ctgtctgttt tcaaagtcag caggattagg aagaaaatca 51682814

actgaaattg acacttcaat ctactgtttc tattcctcag gtcacagagc 51682764

ttctattggt aagactcccc taggctttcc cttctatagc tgacacaagg 51682714

aacattatac tctcattttg gtctccatca ctttctgcct ccaaaaagca 51682664

gaagcagagg caagctgttc actcaacttg ccctgtttct ttttcctcca 51682614

aaggagaaga cctggacata gcaaaatgag caagcagagc cagctgtgtg 51682564

catttttcac ccatattaaa gcaaagccca aatataataa ctcattctca 51682514

gagactagag catcccaatt ctgggcttat gaaaatattt ttacctaatt 51682464

acttcagtaa tctgtgcgca gtatgtcaag taaatttcat ctttatatca 51682414

cactggaaaa gaaggcaaat ttgaagagat tcatagaact agttttacaa 51682364

agagctttaa cagagaatac tgatgctcag gtattagaaa aagtgaatat 51682314

tatgataaat tatgtaaaga aaacttgtgt ttagagagaa aattgtgtta 51682264

tgtttctgtt ttcatcctag gtctcctggg gacaaaagaa gagttccctt 51682214

atgttcttta tcctcttccc tgaagcagga gatagtatat atgttcggag 51682164

gaaaagatgc atctaagaat attatagatg ctgcatccat cagagtactg 51682114

acatcctaac ctagtctacc ctgatgctgt atatatctca acagcttaaa 51682064

acaacaaagg cttatttctc gtttgtactt cttgtccatc tttggttggc 51682014

aggaactcaa gctgaaagat cagcttccat ctcatacttt tctggtcact 51681964

gtctcaagag acaaactcag aactcttaga acagagactg gcaaacatgt 51681914

tctgttaagg gccaggtggc aaatattttt aactttgtag gccatacagt 51681864

ttctgtcaca atttctcaac tctgctgttg tagtgcaaag tagccatagg 51681814

caatacataa acaaatgcgt atagctgtgt tccaataaaa ttttgtttat 51681764

aacaatagcc agtgggcctg atttggcctg tggcttgtag ttcaccacct 51681714

ctttcaatta aatagtatgg cccaaaaggg acactagtta cctctgctca 51681664

atggttaatg actagttaat gatcctatta actagtcatt aagataccaa 51681614

taagataatg gggaagtgca aggctaggct tatatgtatt cacacacata 51681564

caaggaaaac aatgaagaaa tagctgagca gttattttca cagatctaca 51681514

tgcttgatta aggctactgg tcttttaaag ttcatctatt cccttcagtg 51681464

ttctctttaa ctcagaaaaa cagactttac aaggtggcag tatttatttg 51681414

ctagttaagg ggcaatagca gtggttggtc aaccaaacat gacattgcta 51681364

aggcctgtgt ttattcaggg ttggtggcaa tgtctggtct gaagagctgg 51681314

agttattcac agcattaaat cttcaccttt ggaaatccta aggtgagtta 51681264

ggaaatacat cctagaagct gatcttggga aaggatttgg aagtagcaag 51681214

ggagccattt tatcagatga cattccacag cagtgaaatt gccttgggga 51681164

aaaagtcatt tctcatagat caatttctga gaggtttcct agatgtagca 51681114

atgcagtcta tacatgggca gcagtgacaa aatggggttt tccattgatt 51681064

ttactagaaa tggagttgta cttaaacttg ctttacaata gagggatgcc 51681014

acttatgtat ttggttttct gtcaatcctt aaccccaatt cacaaccaac 51680964

cgatttttaa ctgtatattt attctgtccc cctactggtt cttcattgtc 51680914

ttataaaggc atatgttttt ttttaccctc agttaacacc ctttcaagtt 51680864

ttattggcat tgctctcaga gcaaaacgtt aaccgttcat ttatctttac 51680814

aatagtttaa tttgtttata tttgtgactt ttcactatag tctggaagtt 51680764

taaatatgga gaaatgtata ttcaagtgga ttttttattt aattaaaata 51680714

aagacactgg gaatctatag tgtaggtagc aggctgtctg taataggaaa 51680664

ttattgttca tgttgattac tgtccatacc ttctaaaatt ttatggcact 51680614

ttcttgtaat tgtcacacaa gcaaaatact tcagtgaatg cattttaata 51680564

attaaattaa aaacaaaacc aaaaccaaaa tagaacatat acctggacta 51680514

agatttatta gtttgtgata actcttgagt tttgctctcc taatcagtga 51680464

tacttctgtg caatatgaga agattctagg ggcaatagtt acttggccac 51680414

ttatgataaa gtgtaaacac ctttaaaagt gtgaaaataa ccttcatata 51680364

agaaaaaatt tcaaggtcca ggtgatattt ttatttcaag tagtgttgta 51680314

ctgtaccttg aaattaatcg taatggttta catgaagctc ctattatgat 51680264

tttccccaaa aagttttaaa tttcatttct gagattagct gccaatatca 51680214

agccatcgtg gaaaaaattt ctagtactgc tagagagact attttccaaa 51680164

tctctctgtt tggcataata ataataataa tatatattat gctttagata 51680114

ctgttctgag ccttttaaaa tacatttaat tggcacagac accttaggag 51680064

cttgataccg tagcattatt attcctactt tgcaaaggag aaaactgaga 51680014

tgcaatgagg ccaagttatt tgcctagagt tacacagagg gtaagaagca 51679964

gagccaggat ttgaacctag gcagtttgct ccagagtcct gagaataatc 51679914

actgtggtat aacatctttc acagcagaga caacaggatt ggcattaaga 51679864

tgccagagga agggtggaga aatgagatgc agagaaaatg ctaatttcct 51679814

ttccttcagc aacttgtgta gagatttttt gttcctgaat aaaggcagtg 51679764

tgaaaggaaa agaagcactt gtaagcttca atttgctttc aatgggaatc 51679714

accgagttgg gtcattatta ccacctttcc tttcctcccg aaacatcctg 51679664

cttggcattt ctaccacagg cttccttgga aattcttgac tacctgagtt 51679614

cccatgcatg acactcttgc cttgaaaaga ttaatataaa atatcagtcg 51679564

aaggttttgt attcccagtg cagatcttta tctcagaata aaaagggaga 51679514

aatttacctt ctgtgagtca tgggcactca ggagctggga acattcccct 51679464

ggcagggaga gttggcaaaa aaaaaaaaag tcctagtgga tttcaagttt 51679414

atttgactaa ttctttcacc acttgtcaaa cgaaactact tttgtttagg 51679364

taacaaaaca agctgtttcc tgtgccattt ctccagtgag tagtataggc 51679314

acttgtggcg aacacacatt actgctaact gttatgatgt ttgctgtcaa 51679264

attcatttat ttatacaact gctgcaaaaa gcctgaggcc cataagcagc 51679214

catgaaagat ttcagagtca tggtgtgggg tcatgagagg gaaaaaaatt 51679164

ctccactggt tatgagaaag gaactgacac aggaaatggt cacatatggc 51679114

gcagatttat tgtgtccggg gcttcccatt caaatctcat tatagccaca 51679064

gctcagagca gggcatggca cagtcacatt cattttagtt ttggcaccca 51679014

gcagaaatta ctgctgcagc ttcaaactga gggctggaga ggtgataagt 51678964

ttatcattct gggtaaagag tgtgccagga attgcatctg caaagaatgc 51678914

tgttggctgc tcctgtgttt aacccatgaa catcagtttg tttaaagctg 51678864

gcaggcaaga tttgctagct agctaaataa ataaataaat aaaattaaca 51678814

ttaaaaagta agaaggtaga gagaaggtgt agggtgatga tggcgaatat 51678764

tatattataa aagaaatgaa gagaaagtta agaatagatg aacaggaaaa 51678714

taatcttaga ttttcaggtt gggttttttt cttgattggt ggaaaatata 51678664

ggtgctctat tcatagacac atgtgcacag gcacacacag atgtatatgt 51678614

acttatgtat gtgcatttct ttcttgctga tattttcttg aaaacatagg 51678564

ttgtcatttc taccttccag cattttcttc acctgtaact tgtctctttc 51678514

aacagtgttt attatgaatg tttgcaacac ttcaggtgct gttccagaat 51678464

actagacaaa cactggtttg agataaggat agagccataa aaggcaaaag 51678414

gagactggaa ggtagcttta aaaattctct ttttaaaatt ataggaatgt 51678364

aacagcttgt atttattaac atgtgttttt ctctcactct gtgcatacgt 51678314

catctaactt agccctctcc atcagcttat gaattaagta ccatttccaa 51678264

tccctttgac aatgaaaaaa atgattcaga gggaggataa gtaacttgtc 51678214

tgtgttttgc agctagaaag tggcagagcc agcttgcaat gcaagtctct 51678164

ctgactttaa aatctgatct cccactcgct aagctgtact tcctgagttt 51678114

gaatttgcct gggctgtttt caatgtaata ttcaaataat aaaatcataa 51678064

ttgggaccat attctttgat gttttcaggt gaaaacatat tacaacaaaa 51678014

taacgaaaat acaaaaacac tttctaaacc actttttcaa gcaatgtata 51677964

gatgatgaca ttttacccta gtaaaacaat tataaaatag tctattgaat 51677914

ttgtttgaac agatttctac taataaaagt aaggattttt ttttgaattt 51677864

aaaaaagtaa aaaggaaaaa tggttgaatc agaagaaggg tctattgggt 51677814

atagatctga ccttctctct catattgtca tgccatcact taactttcat 51677764

ctcttgatct tttttatcaa tgcaacaact tttattaaaa gagaacaaat 51677714

attttgagat attccctgaa agaactgatt gtagagacag aaaggccttt 51677664

aacagaaagt cttacagaca ttttttgctt catgcaatag ctggttttat 51677614

gtagttttcc gtttttcttg tattaatttg gaagtgcgtc ctcatggaaa 51677564

ataggcccaa ctacaaaact ttggcgagat tgctcataaa attgtgacag 51677514

atcctatgat ctgtagttcc tgaagtctac cagcccattt tacacctgca 51677464

gatgcatata ttcctcatac agcagcttcc tgttcttagg cagtatcttc 51677414

agtcctttcg aactgtcttc actcttgggc gttttgtggc tcccgagcat 51677364

tgaaagccac ttcactacac cagtaactag ctattagagt gcatcctcct 51677314

cattgaaaat ggtgccagag gtgactatac tctgaagggc cactgtctaa 51677264

caaactgtga aaggcaatct gaaaatgaat taattttgaa gctctaggac 51677214

ctaagcagtg agtgaataca tgttgtactt cttcaatcta atgaacttta 51677164

agtttctcat attacttgta ataataacta ttataattgt acttagtttg 51677114

gttataataa ttcctatcag tgtgtatatg tgcaagcata tatatctttt 51677064

tcataataat tagaactacc atattatggt ccctcaatag actttaagta 51677014

gctctaattc tagactccag attagcaagg gtgtgtttcc tatcacctat 51676964

attgaatcta ttctgcttaa gaacatcact ctcaatatgc cttcacctta 51676914

taagtgtaac atacacccat ttttttgaag tttaaacaaa tgattttttg 51676864

cttagaattg cccattctag aaaagcagac agtttttctc tattatttct 51676814

attatgacca aaacatattt tctttaataa ttctttggaa gatcacagtt 51676764

acttcttttg tgtattgagg agcacagctt tgagattttg gagtttcact 51676714

cctcatagcc tgagggcctg tgacaacata tataaatggg gataaattca 51676664

acctgtcttc actttatttg atctgggacc atttatattt gttaaattag 51676614

aaatcaaatg aggtataaat gttgtttgcc acaaaagaat tgtaaatgat 51676564

ttcatttctt gaaaataaga gaatgagtat atattttgtt tttgtcaaat 51676514

ctcctacact ttaccatgaa ttgtgaaata tattacaaaa tggctaaaaa 51676464

aattattgag ggaaatggtg gtgttaacct caaggaaaaa atcattaatg 51676414

ttgatgtatt tcattcaatt ttaaacatat aaatttttct tttttgttga 51676364

aaacagaaat atggaaggat tctatgtgca tttgagtcag aacatttatt 51676314

taaatttttt tctttccttc agatccattt ttctaaataa agaatagaag 51676264

tttttttttt tcttttcttt taattttttt ttttttctag caaagacgac 51676214

ccctttggca tattttcttt tcaaacgtga aatgaggtgg aaaatcctca 51676164

tttcacgaca ggaaggacaa atattgacac aaagttaata tatgttagaa 51676114

ccctggaagc aacctgaatc tacacatgca ctcacacaca tacacacctg 51676064

cctccttcct cctcctctgc caccagacag acttcactca ctgccttggt 51676014

ttctacgtct gtagcttcct gtctagggaa aggtggacag agcatactga 51675964

atgaccaggg tattttagga agttaaagta tacacaaagc aagtgctcat 51675914

aggcacacat gcacacacaa atacaacctg cttaatctaa ttttccccac 51675864

ttagagaaga gcttctggac tttatcatgt tcttgtccat cgtgtatgca 51675814

atagcatatg ccaagccaat actcactggt cactcagcat ttattaagcc 51675764

ctgtccaccc tagccttttg gaaaggaatg ccctggggtg gctgggcggc 51675714

tgcccctgac aggctgtgtc acttatctat tcacattgat tatgaaagtc 51675664

agctgtggcc agatctcgct tttttccttc ttctctcagc ccctcttaca 51675614

agcacccctg cctggatttt catgaggaaa taatcagatt aggcctttca 51675564

cggtgagttc atatggagtt ctctttctcc agtgtgctac taactgaata 51675514

aacgtgttta gtggtaaatt gtaaatgaca ttatgattac caaagccagc 51675464

atgggtttca tttaaaaatg atcagaattg cagaccacaa aaattgtgac 51675414

tggcagatag gccatttgga gaagtgggag aaaagaaaag acaaaaacaa 51675364

gggagaaaga taatcattac tcaaaactaa accttccccg agtgacagaa 51675314

gcaggaagaa aacaaatcca gaggaaggaa aaatggaacg ctctatagaa 51675264

gtgatgctga actgtcactg caggctcctg ccagtagtgg ctgaggattg 51675214

agctctgaag tctgtcaccc tcttaagtag ttaatgtgta ttctctgcca 51675164

taattaagaa ctacacccat ttggtggctc tggaaccctg cttacgtgtg 51675114

ctttattttt gcctcacgcc aaaattaaaa taggaggatt gattaaaggt 51675064

gacctaggaa aatgaataag atactgacaa actaccccat ctcttagtca 51675014

ttggtaaact ctgaaaaaat aaaaaataca tatatttttt aatttatgaa 51674964

gaccaggatt tcaagtctgg ctacaaaagt ggataattaa tattacttgt 51674914

tgataatccc taggctattg tctttgctaa atatgtggct atatctttat 51674864

actcctggga tagtatgata aaatattaaa agggccaaat gaagacataa 51674814

cacagcaaat ggactcttgc aaatatgtga tttgacaaat cgtcaaacac 51674764

ttttccatgt gtgcctgtca ataaattgtg cagagagaac ttctagttat 51674714

tacagcccct ttctcacagg ataaatcatc accctgaacc ttaagtctaa 51674664

acacaggcca aaaggggagt tatttagact acatttaact ttgccaaagg 51674614

gacaggtaga agtttagaaa tatgcttttt ttcttcttcc tcatcttcat 51674564

cattactact aagtaattat actgagttaa aattgctgtg gctcaagttt 51674514

tttctctatg aactatggat aattaaactt gctattagaa agttttaggg 51674464

aagggaagta gagaaggaag aaaagaagaa ttgaagaagg aagaaggaag 51674414

gaaaggagga aggaaggacc accaacctta tgtcttgagg gcatctttgt 51674364

agtgaagtca aagcttcttc tttgccattc taatctctat cctggcctgt 51674314

cccacttcca agcaccacac tcgttagtct gtgggtttct taacagatat 51674264

atctgtacct acagctctcc taagcaacca ttatgtgata gctgaaatga 51674214

caatggtgtg accaccatcc tgccacataa gatctcctta agcagtatac 51674164

cagagcatcc cattgacaaa aactgtggga aacccttcag gctcctctga 51674114

tagtccctaa tttttacacc actgttagta taaggatgca atatgttttt 51674064

cttaatatcc cagctttcct cagtcactac ctacatgtct accactctct 51674014

atctaccatc tctagaatac acatctcctt cccaatccat tcatgagctc 51673964

acccaacctt ttactccgtt cctccaaaag ttgttcctgg tgctgtgaga 51673914

aagtttgtac ttgggatcag caaactcttc tttatattca aagaaccttc 51673864

ttttcactca tttacctcaa ctggaaccta gccatcttct aaagattcca 51673814

ctctttttaa agcctcttta agccacacac tcaatcctta aggtgtcttt 51673764

catgtttcca tgctgctccc atgtcctaaa taatatccct taataaaacc 51673714

cctgcccctc cgaggctgac accatctggc tgactacctg cttcatgagt 51673664

cttattgaca taatcagcgt ggctcttcac tccctgaagg ccaaagaaac 51673614

tggatcactg ttctcttctt catcctaact ctttcgtgat tttcttaagg 51673564

tggctaactc attcaaaacc ttgactgcta agaaaataaa caaagactat 51673514

gcaaagaacc ggcaattgct atttatctga acttgctata gcaagtgagt 51673464

cggccaccat aacttcaatt tggtagagat gcaaaggcac acagaaaagt 51673414

aggaaagctt tatagtggaa aaaagggaaa gcttcaggtt aatgctttga 51673364

ttaatgctgt tggcatgggg aagctggaca cagtcaaact agaagtgggg 51673314

catcccatgt ggttggttat ggatacatat tttgctttct ctaattggtt 51673264

ctaagttgga aactgaggca aaaattgggg aattatcagg gaaaacacgg 51673214

aagctgacag ttattaatca agtactggct gtttgaggct tgttgtttca 51673164

cgggttatta tttggtcttc taggactggt tactgctgtt tgttggtcag 51673114

agttctattt tggtatctgg cctagatatt gtcagtttat atattatctc 51673064

tcattgttca tatcatcttc aagtcctctc tagaagaatg ccagacacag 51673014

agaaggtctt cagtaaatgt tagccattgc tgttagtatt tctatcaggt 51672964

atgctttttc ccccacagta ccttactact cactgacaca gtgataacat 51672914

tgaaattgtc atgatcactg aacttcaaaa tcatgaactt aagtaccata 51672864

ctttcaagga ataattcagg tctttccaac tcaaattgtt caagagcccc 51672814

ttccttgtgg cattaaactc attgccatgt gcatttttct aatatgcatg 51672764

agtgccttcc cttcatttcc cttcttatgc agctgaaatg agctatgctt 51672714

tcttatcatc agttctttgt atataacttt aatacctatg actctttgtc 51672664

cttggcatag ccaggcatga acccaacctt gaataaactc agccattctg 51672614

tttgtccatt ccatcttact gggtatagcc aaagcatgta ctcatacatt 51672564

ctccacaaca cgggcagact aaattttctg tgaagatgat aaagattagg 51672514

tttcaggctc ttcacttaca tgcgcccctt gcaaggctcc aaaacaaatc 51672464

tcagctatgt gtttgcatag atctgtgctt ttgtaaaatt ttcaaaatta 51672414

agatatttta accagaatta ggataattct ctctttccac tctaaatatt 51672364

ccttcatcat aagtggtgtg gggttgagtg acagtggact agctacagca 51672314

tttttgaaat ctagctaagg ggaaactgag ttggacatgc atttgatttg 51672264

ggcttagtag ggtgtgattt gtatggttcc taatcacttc tatataaaat 51672214

tattactaga catctatgtc gacttacccg gtgttgcaac acacagaagc 51672164

cagaccctag gtcacactgt gttatgaaca taatctaaaa catgaggaga 51672114

aagtgaaagg tataagagat gtaggattgg ggtaacagtc caataaaagc 51672064

tactctgtga acatttattc aagtattaca gctcatacat gagaaaacct 51672014

ttctaagaga cttcccacat ttgacaaaaa ttctaaacat gaaaatgtcc 51671964

ctgtctgaca gctttgaaga gagcagtggt tctcccagca tgcagctgga 51671914

gatctgagaa cgggcagact acctcctcaa gtgggtccct gacccctgac 51671864

ccccgagcag cctacctggg aggcaccccc cagcaggagc agactgacac 51671814

ctcacacggg cgggtacccc aacagacctg cagctgaggg tcctgtctgt 51671764

tagaaggaaa actaacaaac agaaaggaca tccacaccaa aaactcatct 51671714

gtacatcacc atcatcaaag accaaaagta gataaaacca ccaagatggg 51671664

gaaaaaacag agcacagaaa ctggaaactc taaaaagcag agcgcctctc 51671614

ctcctccaaa ggaacgcagt tcctcaccag caatggaaca aagctggacg 51671564

gagaatgact ttgacgagct gagagaagaa ggcttcagac gatcaaatta 51671514

ctccaagcta cgggaggaaa ttcaaaccaa aggcaaagaa gttgaaaact 51671464

ttgaaaaaag tttagaagaa tgtataacta gaataaccaa tacagagaag 51671414

tgcttaaagg agctgatgga gctgaaaacc aaggctcgag aactacgtga 51671364

agaatgcgga accctcagga gctgatgcga tcaactggaa gacagggtat 51671314

cagtgatgga agatgaagtg aatgaaatga agtgagaagg gaagtttaga 51671264

gaaaaaagaa taaaaagaaa cgagcaaagc ctccaagaaa tatgggacta 51671214

tgtgaaaaga ccaaatctac gtctgattgg tgtacctgaa aatgacgggg 51671164

agaatggaac caagttggaa aacactctgc aggatattat ccaggagaac 51671114

ttccccaatc tagcaaggca ggccaacatt cagattcagg aactacagag 51671064

aatgccacaa agatactcct cgagaagaga aactccaaga cacataattg 51671014

tcagattcac caaagttgaa atgaaggaaa aaatgttaag ggcagccaga 51670964

gagaaaggtc tggttaccca caaagggaag cccatcagac taccagcaga 51670914

tctctcggca gaaactctac aagccagaag agagtggggg ccaatattca 51670864

acattcttaa agaaaagaat tttcaaccca gaatttcata tccagccaaa 51670814

ctaagcttca tcagtgaagg agaaataaaa tactttacag acaagcaaat 51670764

gctgagagat tttgttacca ccaggcctgc cctaaaagag ctcctgaagg 51670714

aagcaccaaa catggaaagg cacaactggt accagcctct gcaaaatcat 51670664

gccaaattgt aaagaccatc gagactagga agaaactgca tgaactaacg 51670614

agcaaaataa ccagctaaca tcataatgac aggatcaaat tcacacataa 51670564

caatattaac tttaaatgta aatggactaa atgctccaat taaaagacac 51670514

agactggcaa actggataaa gagtcaagac ccatcagtgt gctgtattca 51670464

ggaaacccat ctcacgtgca gagacacaca taggctcaaa ataaaaggat 51670414

ggaggaagat ctaccaagca aatggaaaac aaaaaaaggc aggggttgca 51670364

gtcctagtct ctgataaaac agactttaaa ccaacaaaga tcaaaagaga 51670314

cgaagaaggc cattacataa tggtaaacgg atcaattcaa caagaagagc 51670264

taactatcct aaatatatat gcacccaata caggagcacc cagattcata 51670214

aagcaagtcc tgagtgacct acacagagac ttagactccc acacattaat 51670164

aatgggagac tttaacaccc cactgtcaac attagacaga tcaacgagac 51670114

agaaagtcaa caaggatacc caggaattga actcagctct gcaccaagca 51670064

gacctagtag acatctacag aactctccac cccaaatcac cagaatatac 51670014

aattttttca gcaccacacc acacctgttc caaaattgac cacatagttg 51669964

gaagtaaagc tctcctcagc aaatgtaaaa gaacagaaat tataacaaac 51669914

tatctctcag accacagtgc aatcaaacta gaactcagga ttaagaatct 51669864

cactcaaaac cgctcaacta catggaaact gaacaacctg ctcctgaatg 51669814

actactgggt acgtaacgaa atgaaggcag aaataaagat gttctttgaa 51669764

accaacgaga acaaagacac aacataccag aatctctggg actcattcaa 51669714

agcagtgtgt agagggaaat ttatagcact aaatgcccac aagagaaagc 51669664

aggaaagatc caaaattgac accctaacat cacaattaaa agaactagaa 51669614

aagcaagagc aaacacattc aaaagctagc agaaggcaag aaataactaa 51669564

aatcagagca gaactgaagg aaatagagac acaaaaaacc cttcaaaaaa 51669514

ttaatgaatc caggagctgg ttttttgaaa ggatcaacaa aatagataga 51669464

ccgctagcaa gactaataaa gaaaaaaaga gagaagaatc aaatagaagc 51669414

aataaaaaat gataaagggg atatcaccac cgatcccaca gaaatacaaa 51669364

ctaccatcag agaatactac aaacaactct atgcaaataa actagaaaat 51669314

acagaagaaa tggataaatt cctcgacaca tacactctcc caagactata 51669264

ccaggaagaa gttgaatctc tgaatagacc aataacagga gctgaaattg 51669214

tggcaataat caatagctta ccaaccaaaa agagtccagg accagatgga 51669164

ttcacagccg aattctacca gaggtacaag gaggaactgg taccattcca 51669114

tctgaaacta ttccaatcaa tagaaaaaga gggaatcctc cctaactcat 51669064

tttatgaggc cagcatcatc ctgataccaa agctgggcag agacacaact 51669014

gaaaaagaga actttagacc aatatccttg atgaacattg atgcaaaaat 51668964

cctcaataaa atactggcaa aacgaatcca gcagcacatc aaacagctta 51668914

tcccccatga tcaagtggac ttcatccctg ggatgcaagg ctggttcaat 51668864

atatgcaaat caataaatgt aatccagcat ataaacagaa cagaagacaa 51668814

aaaccacatg attatctcaa tagatgcaga aaaggccttt gacaaaattc 51668764

aacaacactt catgctaaaa actctcaata aattaggtat tgatgggacg 51668714

tatctcaaaa taataagagc tatctatgaa aaacccacag ccaatatcat 51668664

actgaatggg caaaaattgg aagcattccc tttgaaaact ggcacaagac 51668614

agggatgccc tctctcacca ctcctattca acatagtgtt ggaagttctg 51668564

gccagggcaa tcaggcagga gaaggaaata aagggtattc aattaggaaa 51668514

agaggaagtc aaattgtccc tgtttgcaga cgacatgatt gtatatctag 51668464

aaaaccccat tgtcttagcc caaaatctcc ttaagctgat aagcaaattc 51668414

agcaaagtct caggatacaa aatcagtgta caaaaatcac aagcattctt 51668364

atacaccaac aacagacaaa cagagaaaca aatcatgagt gaactcccat 51668314

tcacaattgc ttcaaagaga ataaaatacc taggaatcca acttacaagg 51668264

atgtgaagga cctcttcaag gagaactaca aaccactgct caatgaaata 51668214

aaagaggata caaacaaatg gaagaacatt ccatgctcat gggtaggaag 51668164

aatcaatatc gtgaaaatgg ccatactgca caaggtaatt tacagattca 51668114

gtgccatcct catcaagcta ccaatgactt tcttcacaga attggaaaaa 51668064

actactttaa agttcatatg gaaccaaaaa agagcctgca tcaccaagtc 51668014

aatcctaagc caaaagaaca aagctggagg catcacgcga cctgacttca 51667964

aactatacta caaggctaca gtaaccaaaa cagcatggta ctgctaccaa 51667914

aacagagata tagatcaatg gaacagaaca gagccctcag aaataacgcc 51667864

gcgtatctac aactatctga tctttgacaa acctgagaaa aacaagcaat 51667814

ggggaaagga ttccctattt aataaatggt gctgggaaaa ctggctagcc 51667764

atatgtagaa agctgaaact ggatcccttc cttacacctt atacaaaaat 51667714

caattcaaga tggattaaag acttaaacat tagacctaaa accataaaaa 51667664

ccctagaaga aaacctaggc attaccattc aggacatagg catgggcaag 51667614

gacttcatgt ctaaaacacc aaaagcaatg gcaacaaaag gcaaaatgga 51667564

caaatgggat ctaattaaac taaagagctt ctgcacagca aaagaaacta 51667514

ccatcagagt gaacaggcaa cctacaaaat gggagaaaat tttcacaacc 51667464

tactcatctg acaaagggct aatatccaga atctacaatg aactcaaaca 51667414

aatttacaag aaaaaaacaa acaaccccat taaaaagtgg gcaaaggaca 51667364

tgaacagaca cttctcaaaa gaagacattt atgcagccaa aaaacacatg 51667314

aaaaaatgct caccatcact ggccattaga gaaatgcaaa tcaaaaccac 51667264

aatgagatac catctcacac cagttagaat ggcaatcatt aaaaagtcag 51667214

gaaacaacag gtgctggaga ggatgtcgag aaataggaac acttttacac 51667164

tgttggtggc actgtaaact agttcaacca ttgtggaagt cagtgtggcg 51667114

attcctcagg gatctagaac tagaaatacc atttgaccca gccatcccat 51667064

tactgggtat atacccaaat gactataaat catgctgcta taaagacaca 51667014

tgcacacgta tgtttattgc ggcattattc acaatagcaa agacttggaa 51666964

ccaacccaaa tgtccaacaa tgatagactg gattaagaaa atgtggcacg 51666914

tatacaccat ggaatactat ggagccataa aatgtgatga gttcatgtcc 51666864

tttgtaggga catggatgaa attggaaatc atcattctca gtaaactatc 51666814

gcaagaacaa aaaaccaaac actgcatatt ctcactcata ggtgggaatt 51666764

gaacaatgag aacacatgga cacaggaaga ggaacatcgc actctgggga 51666714

ctgttgtggg gtggggggag gggggaggga tagcattggg agatatacct 51666664

aatgctagat gacgagttag tgggtgcagc gcaccagcat ggcacatgta 51666614

tacatatgta acctgcacat tgtgcacatg taccctaaaa cttaaagtat 51666564

tataataaat ttaaaaaaaa attataaaca tttgcacata ccaataatga 51666514

gttgcgaagc tgaaacaaat tcttctaaac taccaatgaa attatggaaa 51666464

acaaacgtca atcatccaag ctatagaaaa tactaaatta tctttctgtc 51666414

ttctctataa aaaatattac aacattgttg ttatatgaag aagcaataca 51666364

acagttacaa taaaatatag gaaggatgat acagaggtaa gctgggtagt 51666314

atatgtatta cctttcccta gattttatca tgtttgtggt acttacgagg 51666264

tttttaaaac ataattgtgt tgtgattttt ttctcatttt aaataattca 51666214

ttcccactcc aaattttgaa ttgatatctt tgtacctact tttatggaat 51666164

ggttccctca cattgtataa gcactaaagt aacagaaaga ctgagtttgc 51666114

acctctttca caatgactgt tttataccat cttctcagtc cacaaacatt 51666064

tgacccaact ttcctgcccc tcatcttagc ccccaatact caccgtcata 51666014

cttgacttcc tgttgataac cgtgcttgcc tcacacctcc cagcagatag 51665964

agtgccttca atctcccacc cacctccacc tgtgcttaca ctctctgccc 51665914

tccttcctgc ttcaagggag atgaagtctt tcaacctatc caatcccatc 51665864

ttatttaaga aggctgtgga ccctgttctt ccttagcctc tcagagagct 51665814

tactgtgtca gtcatccact ccctccaaca ttagcctctc actttttatg 51665764

agttctgtct tatctacagc acttcagctt gcatctaaac acaacaatct 51665714

acctttttga aatgtacatt ttaagagact ctgaattatt acatctatgc 51665664

attagctgct tctcacaatt tcattgtgag tgttagactg gtttattcca 51665614

ataacattaa agataaaaga acctactttt cagctcatgt agggcatttc 51665564

atttgtacag aatccttatt gtcaaaactc taaggtaaaa attcttgctg 51665514

aaataggctt gtattatcag agatgactaa ttgtttggtg ggattattta 51665464

atttgtgggg tttttcgggt ctgttttaac tttctttata aaaggaaaat 51665414

tttctactta tccacaataa tatatctgat atacaaatca tttttcccct 51665364

cagtggctaa agctacttgt atatagcttc atctctataa agagtttggg 51665314

gcagtcacat cccaatcatc attctcatat ttctaacaaa gaaacctcag 51665264

ctctgacttc tgagaaacat tgggctagaa aaagtatatc tgtcacaaga 51665214

ctacatagcc ttgaaatata actaatttgt tatttattac agattttttt 51665164

tgtacggtat ttttcctagg gtagaaaaaa ttgtaaagag tatattctgg 51665114

agaaaagata tcttgttcgt tgtatgtttt gtcaagaaga tctgaaccaa 51665064

agaagtaatt taaatattct ttattcttat cttgaatcaa aatgagtata 51665014

tttttcattt ttggggagtg tagaaaggaa agaatgatga gaatatttta 51664964

taataactaa tatttgatga aactctttat ttaaataaga agatactaat 51664914

tattaacttt ctgaaggtca taggggtaaa tctccaacca gatatgagaa 51664864

atcaaaatcc atgtggtcct ttcacagcaa ggtattcata cacagaggtt 51664814

taaaacataa aaatgggaga aaataggaat aaaaataatg cgtgtaattg 51664764

gcactgcact agttcctttg caatcaggaa ggtaattggc taagtttaaa 51664714

caagcaaata actaacacat agttgagaag cctggcattt gatctctagt 51664664

tttaacacag tgcttaataa taacaatatg gcaactagag agaggagcca 51664614

tagtaacaaa atcttactgc atgcacaagg aatccaaata aatgtttatc 51664564

caattcctta ccacaatcta gggtttgtaa ttaaattcat acaaaatgcc 51664514

aatgggtcat aaagatttgt gaattttcat tctctgtcat cttattcctg 51664464

agtttcctca tggaccggtc ctgggctaaa ctctccaggg tgtgcaaggg 51664414

ctctgcatca cacactttca gcagagattg tgccctctcg ggctccaacc 51664364

ctgcacgatt caaacccttt tctccctctg tctccttctc tccctctcaa 51664314

gtgcctgcct tctacctagg tagtttgtca tattcttttt catccagtgt 51664264

catgactgaa tagtggaatg gggaactttg gatccttgag gcagaaatgg 51664214

cttgggtgac cagcctttat gacagactgg cttctgggtg gaatatgtaa 51664164

aaataaataa ataagtaata atgggcctct ttgaaggtat acatcctact 51664114

agtataactc ctgtacctta ttactccaaa aaaatgttaa ttacatttta 51664064

aaaggccatt ttttattatt ttggccttgg aagttacctg tcataaggaa 51664014

tggaggtatg aaagaaaaac ttattttcca cccatgtgta tttatttaat 51663964

gaataaatga attgttccca aaatgcttta ttacaacaga acctgttgtg 51663914

gacaaatcaa ctatgagata caatagcaga agaaaattta taaaagtata 51663864

gtcagccata atttcaatct tatggataca tgtgaaatag atgtattaca 51663814

gtattgccta acatatatta agaatcaatt tagaggatga tacaataaat 51663764

ttttgtgata tactcaatta ttattgttat gctgagttga cttaaaatat 51663714

atttgtacta tagagtaaga gtcttataat tagacacctg acaagaacac 51663664

ataaagtgat ttgaagaata ggaattttga aaaggacatt acatatcaat 51663614

cagctaataa atattaaaag catctactgt gcttgaggta gaatgttgac 51663564

ccttgtggtg atttagagat gaaatattgt ccctgacctg aagagataac 51663514

ccttaagaac actgatgcct actaacgtca tgtgatttat caaattacat 51663464

acagttagat ggtagcagag aatgattgag aatcatcaac aaaggaagtg 51663414

attgtttttg tttaattatt tatttataat tataacagaa ctgtacatct 51663364

ttagaggtca ctttaagaca ttatatctct tagatgagaa gtaggaagaa 51663314

caaagccaga gatttataaa attggatgga atgtgagtga ttaatcaata 51663264

acatcagcat ggctgaaaaa aatgtgtaaa aaggagagtg agctgccaag 51663214

tttagaaaag gggaacctct gtgatttgag gatttcccat gaggaaatgt 51663164

tacctaacta tcttatttgg aaaagatata actgtagtag agattggtgc 51663114

atcaggatct caaaacaaaa tttctagggc cattaagacc atgtaattaa 51663064

tttgccttca tactggatcc atgcttctga agacaactct taacattaga 51663014

gttagcctat gatataatca cagggaaaaa aacacaatgt gaaggttaaa 51662964

aaaaggagac tattccttta aatttgataa ttaaattttt atttaatttt 51662914

tagcattcaa tgcaatgaat ccaatttcat taagagacat agaacagttc 51662864

aaaatttctg ttttatcttg tgtcaatttt aaagaaattt gtctacttta 51662814

agttgttgaa tgtgttggca aatgtttgtt tgtaatagtt tctctttttt 51662764

ttctgcagaa tctgtaatga taatcctttc attcttaaaa ttggtgattt 51662714

gtattctctt tattttgatc ggtctaggga agagttagtc aattttgttg 51662664

ctgttttcca agaatcgctt tctctattgt tttattttgt tttgttgttg 51662614

tttcttttct acttcattga tttctgcaat catattgatt atttcctttc 51662564

tttgactttt ctgtgatctt tttctaaatt ccttaaaaaa tttttgacgt 51662514

gcagttctgt tatttttttc cagcttttat gaggcataat tgacaaataa 51662464

aaattttaaa tatttaggat atactatata atgtgatgtt ttgatacaca 51662414

tatacattgc gaaaactaat atatccatta cctcattatt acctttttac 51662364

ttgtatgtgt gtgtgcgtgt gtgtgtggtg agaatatgtt aagatctacc 51662314

cccttagcaa attttaatta tatcatacag tattattaac tgcaatcacc 51662264

atgctgtcca ttgtatcttt tttcaaaatt cttaaggtag taccatatag 51662214

gacattgctt ttagataatt cttctttgct tatatgagca tttaacacta 51662164

taaattttcc cataaaagta ctgttttaac ttcattcccc aaattttaat 51662114

atagtaaaag tataattatt attgttttaa atattttata gttttccttg 51662064

tgacttttaa tcatccctgt ttttgctgtt attgttgaag aaaaagtaaa 51662014

acatgtgccc tacttctgaa ccaacaattt ggtagttaaa tttattaaca 51661964

ccatggtcag gtttagcata gatttataat tatatcatat ggatggaaga 51661914

atataggaaa gactagatta tatgcaaatc tagtatttcc tacattaaag 51661864

ataatttgat tttttgttcc atttcttaag ctacttttat gaacttacac 51661814

taaggcaaat tttaaaaatc tagaaaacaa tacagaatga tttcgtgaat 51661764

ataaatttta aatcaaagaa attctttatt gaaagataaa atatccctat 51661714

ggattcaaaa caagaactat tctgggttca tataggaggt attaggaatg 51661664

gtagaaataa tgaataacgc tgttccttta aatgttttat taaccctcac 51661614

catcctcaac ttggactctt taatatcaac aacttccgaa gttactactt 51661564

tcttctttcc ttcttcttgt atttctttac tttttatgtt tagggaaaaa 51661514

tagagtatga gaaaattata tagtttgaca tccaaactct ttcacaatct 51661464

ggtcagacac acctcttcaa ttttaatatg ccttcataat ttctctgttc 51661414

cacccattcc cctccatcta cctcttctcc cattcgcttg gatgttacta 51661364

ccccttctct tataccctat ttctattatg gagctatgat attgtgagat 51661314

tctttctata tctatatcta tctaaatctg tatctatatc tatatatcta 51661264

tatctatatc taatctatat ctgtatctat atttctggtt cctgaggcag 51661214

agctactaaa atcagtagtg ctaggagact cttttgttcg aatatttgat 51661164

ctttgactct ggttgctgac acagaagccc taagatattt gtaattccct 51661114

aagtgacaga aacattggat acacagttcc taaatccctt ggaatttcct 51661064

gggtgatagg aatatctttt ttttctaatg agctaatgcc tcaactactg 51661014

gatagcctca ggatggaggc tggttgccag gggaaccaat cacgtgacta 51660964

gagggttgga acatcaagcc tcatctcctc accatcccca tttcagggga 51660914

agggagagag tctgaaggtt gagtcgatca ccaacaacca ataacttagt 51660864

caatcatacc tacataatgg agcctccatg aaaggctgaa aggacaggat 51660814

tgggagagct ttcaggtggc tgaacgcatg gaagtgtctt gagggtggca 51660764

catgcagagg gcatggaagc tccatgccct tcccacatgc cttgtcctat 51660714

gcgtctcttc catctgtctg ttcatctgcg tcttttgtaa tatcctttat 51660664

aataaatgaa aaaacataag taaatgtttc cctgagtttt gtaagcctct 51660614

ctagcgagtt aattgaattc aaggatggag tcctgagagc cctgatttat 51660564

atagccagtt gttcagaagc agaggtcaca gcctaggact tgcaattggc 51660514

atctgaaata ggggcatgct tgtaagactg agcccttacc ttgtggagtc 51660464

tgcactaact ttgtttagta tcagaatttg gttaaattat gtgacaccca 51660414

gtttgtatcc actggagaat tggttgctgg tgtggtgaaa tacctacaca 51660364

ttttggtgac cagaggtgag gtattttgtg ttatatggag tgtgtgagag 51660314

tagtaaaaag cagtttatct tgcttttctc tcaagggccc ttaatgatta 51660264

tttcattgtc ttgattcttt tacttcttca actccttttc tcagttatta 51660214

tctccattat taactttaaa taacatatta tgtaacatat acttttaaaa 51660164

tatattaaag aactattatt taatttttaa aaatattttg ccgcaatctt 51660114

ccttgcactc tcagtatctg gcacaattag atgtttaata aatattttat 51660064

ccagttatag atgatggcaa gagtgatgga ttacaaataa tcattgacag 51660014

attataattc atatatcact tgttttgctt cttttctttt atagGTACAT 51659964

TTAGAGAAGA ACAGAAATGT ACATACCAAT TTCTGATGCA AGGATTCATC 51659914

TGCAAACAGA CTGACCAAGT GGTCCTAATT CTTGATAGCG CTGATGCCAT 51659864

TTGGGCAATT CAGAAGTTAT ATCCAGTTGT ATCTGTGACT AGTGGTTTTG 51659814

TTGATGTCTT TAGCAGTGTA AATGCCAATA TTCCCTGCTC TACTTCTGGG 51659764

TCAGTGTCTA CTTTCTATTC TATCTTACCC ATCAGGCAAA TCACCAAAGT 51659714

CTGCTTCATG GATCAAACTC CTCAAGTTTT GCGCTTTTTT CTATTGGGGA 51659664

ACAAAAGTAC CTCCAAGCTT CTCTTGGCTG TATTCTACCA TGAGCTCCAG 51659614

AGCCCCCACG TCTTCTTAGG GGAAAGTTTT ATTCCACCCA CTCTGGTTCA 51659564

GTCAGCTTCC TTATTGCTGA ATGAATCTAT TGGTGCCAAC TATTTCAACA 51659514

TCATGGATAA CCTCTTGTAT GTTGTCCTAC AAGGAGAGGA GCCCATTGAA 51659464

ATACGCTCAG GTGTTTCCAT TCACTTGGCC CTCACTGTGA TGGTTTCAGT 51659414

CTTAGAAAAA GGCTGGGAAA TAGTAATACT CGAAAGACTA ACTAACTTCT 51659364

TACAGATTGG CCAAAACCAA ATCAGGTTTA TTCACGAGAT GCCTGGCCAT 51659314

GAAGAGACCT TAAAGGCCAT TGCTGACAGT AGAGCAAAAA GAAAGCGCAA 51659264

TTGCCCTACT GTGACTTGCA CTAGTCATTA TAGAAGAGTT GGTCAACGTA 51659214

GGCCTCTCAT GATGGAAATG AACTCACATA GGGCTTCACC CCCAATGACT 51659164

GTGGAAACTA TCTCAAAAGT GATTGTCATT GAAATTGGTG ATTCGCCAAC 51659114

AGTAAGGAGC ACTGGAATGA TTTCATCCTT ATCAAGTAAC AAATTACAGA 51659064

ATTTGGCTCA TCGAGTCATC ACTGCTCAAC AGACTGGGGT ACTAGAGAAT 51659014

GTTCTGAATA TGACTATCGG GGCCTTACTA GTTACTCAGT CAAAGGGAGT 51658964

CATTGGCTAT GGgtaagtac taattatatt cacatccaaa tgagggctga 51658914

ttttttaggt ccatattgac atatgttgca aatgtcaatc tacttacact 51658864

gaatcatata actcatctgc tttttaagat aagaataaaa attcaaagag 51658814

tcatttaaag acttaaattc ttagttttta gattctatat taaattcatg 51658764

tttttcatga ttattctatt tccaaggtgg tagaaaacat tatattttga 51658714

ttccttaagg tgaaaagcat gtaggaagag atatttttga agcaacttgt 51658664

ttttagttca tttgattgtt tatttattta tttaatgaat ttaagcaatg 51658614

ggctaggttc tagggttggt aaagtgaaat agatgttatt ctgttgctac 51658564

tgctatatca ttttatttgt gatagtgcta ataagctatt agtatttaat 51658514

gggtagtgac tacttctata caaccatctc cagtgaatgt ggaatttggt 51658464

agaacttaaa taaaaagcaa aactaaaaag aaaaccacgt cctcacactt 51658414

ggagaaatat tcagctaata cattgattgt ctttttgtac acagagcaac 51658364

atatccaagt gaaagtttag ctagtgtttt tgtgtttata atagagatgg 51658314

atgttcctct ttcctgttat acattgatat ataaagagga tgagaaaaaa 51658264

tgcaagcaaa tttttctgga tctggttgat ttaaggcctt tgggaattgt 51658214

taacttaaaa ttaaaaggta ctcatagctt attattattc aaaatttatt 51658164

cagttttgga tatttttgtc aactaccaaa ccttcaccat gttagtgaca 51658114

ttattataat attgtgtatg gtggtatgag aattagaatg cttaaagaaa 51658064

tgatgctgat gcatcttagc ttacattgaa atatctttcc ttttgcccaa 51658014

ttttatttag atcccactga gttcttgtaa gtatattata agtatacata 51657964

catgaataat ttttgtctag agagaaagag agtcagttta ttgcttaatt 51657914

ttatttagat tttacagtac tgagctttct aataggtcgt aattccaaaa 51657864

tgactgattt tatattatat ataaaagacg actcagttaa tattgtgctt 51657814

ttaactagaa acagagaaaa gtcaatgagt agaagcaata gaggtacatc 51657764

agaagaaaac cagcagagag tggatccagc acaagtttag atatatacac 51657714

acatatatgt ggggcatgcc attctatcat gaggaagtga aacagcttca 51657664

gagaaaagat cacttttatt tatcacccac catttgtcat agccatcatg 51657614

tttttttact tttgactcag ttatttctga tttaataaga aacagttcaa 51657564

agtgtataat atagcattga ttttgtgttg gaatgtgttc tatccgccta 51657514

tctctctctc tttttcttta gcattttaaa agacattttc tagacataag 51657464

gcaaagagta aatcttctga agataaagaa gggctgcttc ttaagtatgt 51657414

ctgaacaaat ttctcccgaa taagaaatgc catatcctat ggcattcaat 51657364

gagaattagc aaggtttctc atgttttcta gtgttgcaca gtatgataaa 51657314

aaaccaaacc aaaatgaaac aaaaccctaa agcccgacac agtctccaga 51657264

gccagccttg tttctttcag ctttgatcac agtcagttgg gtcttccatt 51657214

gaactcactg gagagccatt gacgagccca tgaactgacc ttaagccagc 51657164

agaaatgagt ctaggaatgc agttctttct tttttttttt tttattatta 51657114

ttatacttta agttttttca tggaaaagta ccaaggatgt tctccagtgg 51657064

tttgctctcg ttaatttaat gagcttatat gcatttcaac aaattcaggc 51657014

catactggac acatttttct aagagagtac tagctacttt caaaagctac 51656964

caactttggg ccaggcgtga tggctcacac ctgtaatctc agcactttgg 51656914

gaggtggagg taggtggata gcttgagcgc aggagtttga gaccagccta 51656864

ggcaacatgg tgaaaccccg tctctacaaa aacacaaaaa ttagctggat 51656814

gtgatggtgc atgcctgtag tcccagctac ttggaaggct gaggtggatt 51656764

gttttagcct gggagagaga ggttgcaatg agctgagatt atgccactac 51656714

acaccagcct gggtgacaga gccagatact gtcttaaaaa aaaaaaaaaa 51656664

gaaagaaaag ctataagcta ccaactctgt tttgtgggaa gaaacggagt 51656614

agccatctac ttttaaagta aataatacac agtgaactag cctcttctgg 51656564

tctttctcta gaggcatctg gattcaagca tcctctgctt agctaagttt 51656514

ccatcaccat gttttccaac ttccaaaact ttgttgatct ctgttgtcat 51656464

ttgttgtctt cttgcatgtg gcatggtggt ttgctgcacc tatcaacctg 51656414

ccatctaggt tttcagcccc acatgcgtta ggtatttgtc ctaatgctct 51656364

cccttccctt gctccccacc cgtcaacagg ccccggtgtg tgatgttccc 51656314

ctcactgtgt ccatgtattg tcattattca actcccactt atgagtgaga 51656264

acatgcggtg tttggttttc tgttcctgtg ttagtttgct gagaatgatg 51656214

gcttccagct ttgtccttgt ctctgcaaag ggcatgaact gattcttttt 51656164

tatgactgca tagcattcca tggtgtatat gtgccacatt tctttatcca 51656114

gtctatcatt gatgggcatt tgggttggtt ccaagtcttt gctattgtga 51656064

atagtgctgc aataaacata tgtgtgcatg tgtctttata gtagaatgat 51656014

ttataaataa tcctttgggt atatccccag tagtgggatt gctgagtcaa 51655964

atggtatttc ttgttctaga tccttgagga atcgccacac tctcttccac 51655914

aatggttgaa ctaatttaca ctcccaccaa cagtgtaaaa gtgttcctat 51655864

ttctccacag gctcaccagc atctgttatt tcctgacttt ttaataattg 51655814

cctttctgac tggcatgaga tagtatctca ttgtggtttt tcagggacct 51655764

caattctgta gtcataggaa atgcattctt ccaacaacct gtttggaagt 51655714

gaactcttca gtaaacccag ccaagcctgt ctggactcct ggcccactcc 51655664

ctggagataa cacatttgtg ttactgtaag ccactgactg tggtaatttg 51655614

ttatacagca atagaaagta atatggcata tcacataaag ctctttgttt 51655564

gtgacattgc catgaatttt gggccatgaa aacagttact gtgagggtga 51655514

gcatgacact gtgggagtgt gtgtctgggt gtgtgcaatg tgtatatact 51655464

tatcatatta gtagcttttt aagttccccc attctgcata aggagcaccc 51655414

tatcaggttg ctttggaata gagaagaaaa ccaggaaagc caatcaatta 51655364

tacaagtctt ttggcattca gtcaccttta gcattttctc ttctgcatct 51655314

tctcctcttt atgtatcctg ggcacctgct ttctagaaga gagctgtttg 51655264

gagcatgaaa gagtagaatc tttctatcag caaggaagta tgttcttttc 51655214

cagaccggca gaatgttcat cctagaagag attcctatat tgccagcttg 51655164

tctcttttct tccctatgac aaaaatcaca actttgccat taaagagtgt 51655114

ttttacatca tttcttcttt tcactacagt acaaattcac tactttgttt 51655064

aattgggtcg atggcaaaat tattgtaatc ttatttcata tgtgtggctt 51655014

tgtgggaaag tgagatgttc tacgtaagca agctttccat acaattaaaa 51654964

attgttccat taataacaag cattttaaaa agtcttcaac tcttaatcgt 51654914

taaaaaaaga caaagattgc ataataccca ggcttattca atgggaaata 51654864

atgtagactg ttcacatttg ttatgacgat tcatggtcat cattaaatct 51654814

gtcatttact tcacaatcct gtttttgctg tgatgccctt gggtactatt 51654764

tttcgtatac tgaatggtgc cagaccacta aatctttagt tcttgtcctg 51654714

cggtttgtat tttttctgct attttgctgt gaaaaggatg ctaattgtaa 51654664

tctattgtat tttttttttt gctattttgc tatgaaaagg atgctaattg 51654614

taatctattg ttgctgttga catatccaca tccagaaaag ttctaagtcc 51654564

aaaatcagac gacactaact taaaatcaat taatttaaga attatttgta 51654514

cacatagtga actcataggt aaatataata gactcttgaa agcttacatg 51654464

ccaatgtttt ttattcccca gtgttaaccg aacagctatt atgttcaaaa 51654414

tatcatatgg tccctataag aatctagaga tttgaaaatt aatggatatg 51654364

aaaaacaaca tttattcaac tatttaatga gaagatgtta tactaaatct 51654314

cattccgtat ctattacaaa taaatcatta attctctatg aagctgctta 51654264

gccattaatc cagttttttg taacattaac ttgagtataa aatgttaatc 51654214

tttataaaat ttattaggtg gtcaaggttt cgacttatga ttatattctc 51654164

aagtgtgcct aagcacattg taaatcacaa taaattatca ttcaatatat 51654114

cacatacagt gaaaggtagc ctgttttact tttctactat tctaaaactc 51654064

ctgtgcaacc aatatcttga attaaatctc ttccattaga aagaccttga 51654014

gtgatttctg ttttcctgta cagacttatg actgctacag ctccccaggc 51653964

taaacaggaa aatttgatta ttttgcgtat ggtctttaaa aatgcagagt 51653914

tttcattctc ctagataaaa tactcatgct agatttatta taaaatcttg 51653864

ttttaaatga tttaccaatt aaaatactta ggtttttgtc ccctgatttt 51653814

tgcttataat tgattttact tatctttcat tgtccttgtg ccctgttaaa 51653764

cccacctagg cttacttaac agctagtcaa ctcctaagag gtgtagttgt 51653714

cccctgaatt gttggaagat gtaccgtgtt tattctgtgt ctttatatac 51653664

ttctgatcca ctgcaagtta tacctaaggt tactggaatc tcatttttaa 51653614

atgaataatt ccatggaatc acaagagttt aatcagaagt atcacagaat 51653564

agaagtaagc acactgcttg aggagtgccc cagaatgtga agttgaaggc 51653514

aaagatgagt ggtagttttt cagaggcaat tagtgaccta agaacagagg 51653464

ggatgcatag taggtactga tttggcaagt gttactataa caacatgtac 51653414

tgggtgctta caacatgcca ggcttggaac tactagacca cagtgccaga 51653364

aaaaaaccgt cagatcataa gacatttctt ccctcttagg aattggctat 51653314

ttgctaagaa agcctagata ggcttaaaag ggagcatcag gaccatgaaa 51653264

ggtaagaaaa ttgtatctat caactcagaa ggataaccag aaaagtcatt 51653214

cttgtcatac aaagtataca gaaggttatt cttgaggggg agagatcaca 51653164

gtgttctata tctttgcata tctcacagtg ccttgaacaa catttgtaca 51653114

tagtagaagg gttaacatat acttgttaac tatatagaaa tatgttgata 51653064

ttagatttgc attttccctg tatataaaca taatatattt aatttagaat 51653014

tctttagaat tgactaaaga atttactttt ttctttcaga gtacaaaatt 51652964

gtccaaaatc attttatatt tcaagtcccc ttgtggcaca tatagaatat 51652914

ttggccttat ctagcctatt taaaacaaga gagataggcc gggcgcggtg 51652864

gctcacgcct gtaatcccag cactttggga ggccgaggcg ggcggatcac 51652814

gaggtcagga gatcgagacc atcccggcta aaacggtgaa accccgtctc 51652764

tactaaaaat acaaaaaatt agccgggcgt agtggcgggc gcctgtagtc 51652714

ccagctactt gggaggctga ggcaggagaa tggcgtgaac ccgggaggcg 51652664

gagcttgcag tgagccgaga tcccgccact gcactccagc ctgggcgaca 51652614

gagcgagact ccgtctcaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 51652564

acaagagaga taaaaaatgc tcaggacatc atgaagcatt caatcaaaac 51652514

atgaggcttt ttataggaac tcggcttagt agctttgaga agaaggttga 51652464

agagagagta tctctgattt ccaccccaac ttcacctcac cccaccacag 51652414

taggtcttgt tgagagccag ttttcactaa taaaacttac ttgctttctg 51652364

agttttccat gcaaatagaa ataattccat cttctacagg gtaaacattt 51652314

cagatctggt ggaatcgaaa agcaagaata atgacatgaa taggagtgat 51652264

ctcttaattg ggaaatttct gtattttctt gacttttctc ctatagcctg 51652214

catttaagca ttgcagaaaa aaaaatctct cacataccta actgggtatt 51652164

ggaagctatt aaataatggt aaaaactggg atgaatggag ggaacttttc 51652114

tcccccattt tttaaagttt ggctgtaggt ccttctgcct gcaggctaca 51652064

gtcacattag cagttggaaa ttggataacg acagcacaat gacaaatcca 51652014

ggttgcttgc aataagttgc taatcccttt gctttaatat tggagcagca 51651964

tgtaatgatg tttggacatc actccagttt actgacgacc ccactggggc 51651914

cagcaataga accttacaac tgtctaacaa ggcatcaggt gactcccgtc 51651864

gtcacagcaa cggacactgg aatctaatct tccctccatc ccttctagca 51651814

cccaataacg cctagattat ataagtggcc catcattgct tggtaacttg 51651764

aatcaattaa cgttaattcg cacaatgcta tgatgtattg tgatcacttt 51651714

catttcaggg aagggggaga aattgctata agtcacctaa aatgaggttg 51651664

tctgtggtgc tgaggtatta attgggtgtc catattaaat gcaaaaggag 51651614

cccatcatga aaggaaagtg gatgagtgac tctcttggct gctattgacc 51651564

tatcagaaga agacagtgcc cttttccttt gcttttatct attacagttt 51651514

tccctattgc gtgtcaagtt gatgtattat aaaaaattca tttgatgacc 51651464

tttcaccccc ttagcagatt aaacaatttc acttcgatgg catcattaac 51651414

aggaccctgc atttaatgat gatttctcta aaaggccacg gagattcgat 51651364

tttaagctaa cagatttatt gcactattat aacatatcgt aaaaaacagt 51651314

accacctacg gtcaggtttt aggatagaaa ctgcttaaga gtttatgtgg 51651264

agcttaaagt ggtattacct tgggatatgc tgcagcagca agtctgtgac 51651214

ctccagtgag atgctgttta catttaacaa gagatgtttg ctcacaataa 51651164

actttaaagt gtgtcaggaa tggacctttt agcgggtgtt caggcagttg 51651114

gtttccctct cttcgtctca agacgtcaat gtacttatgt gagaatcttt 51651064

gatggggtct ttcagtctct ttaacccaga ctgcttgcct gcatcctagc 51651014

ccctatcaga aagaatttaa ggaaaaggtt aggggagaaa taggatctga 51650964

taacaacatt agaattttct aataacctgg aacccacaga aggatagaat 51650914

taatagcatg gatttaaaaa atctggttta aattgttccc tttaaaaaag 51650864

gaaagaagcc ctagccactc aggctaaaca aactaagaaa tgatgatggg 51650814

gctagtgtga gttgaattcc cagggagtga ttccagccaa aaagccaggg 51650764

tcttagctgg tagatgacta aagagcttct taggaccaca tgtttgcact 51650714

ctgcccgcat ttcctaggat tcccagggga gaagaaaatt gcttcctatg 51650664

gaaacttcat atttagtgat ccattgtatt tgctcttcca ctatttcctc 51650614

tttcagaaca aatcttcact ttttcctgac atgcaccctc catattaaat 51650564

aaatacttta tcctttcctc ctcacgtggg gaaggggagg tggttaggaa 51650514

atagaatagt tgacttacat ttaatgggag aaagcaaagt aggctacttt 51650464

aaaaataaat aaataaataa atacctcatg agacctggcc taggctattg 51650414

aggataactc accaagggtt gctctatgtc agggtcccat atatatgtga 51650364

tgtccaggtg tctgcattta gttgccaaac atctgttgca tgcctatgat 51650314

atgtaattca caataggctt aatgggacaa taggtatata attttatttt 51650264

aatgaagcag gctctgtcat caaaaatacc gaaactctga gtgaaatatg 51650214

ttttacactg tcatgaatta tgtaactatt ttctatgtat tccattttgt 51650164

tgctaagtca tgtcagcact taacatgttc aaaggaacta agaagtaata 51650114

taggtcattg gttaaccact ctagatcttg gtcaacactt actatttgta 51650064

ggacctttgg caagttattt aagccttttt ggacctcagt ttcttcatat 51650014

ataaataaga gtacctacca catagtgtca ttttaaagat gcaatgaatt 51649964

tatatatgaa cactttatca tggaacttgg tatatagtat gtgctcagta 51649914

aatatcaatt ctaaatatta ttctcctcag atgcttcatg caactgaagt 51649864

aaattaattc attaatgcta ttaatagtta ttgaatccat ttagtacaaa 51649814

cacactcgga aaatataaat atggcttgtt gtgaagatta aatgagctat 51649764

tctgtgtaaa cagtggtgta ctggagtttg ctgttgggca tctcttccca 51649714

gctctgctca gtgatattat cttgtcatct cagaattagc tatgttggtg 51649664

gtatttatat cacagaattg gaacacatcc acaaatcagg gcattatttg 51649614

ggaagctgat ttaatagctt actattggac gtgtccatgt cctgtcattt 51649564

tagtctgagg cttttattat tattatctat attagtctga ggctaatttt 51649514

cactgaggct tttatttttt ggctgatttt aataaatgat gataaaaata 51649464

tatgctcata atttgtgatt ttccctaccc cctagtccat tttcattata 51649414

gctaagaaaa catatcaaat acatacacaa ttaacctttg ctataaagcc 51649364

atgttcacta cacaatgtat tattttctag aaacacaggc aaatgcaaat 51649314

attttcactg gtaataatgg attgtggaaa attgctacca tagggatatg 51649264

tgtaatccta aggatgtatt ttgtttgttt ttatatctgt cagAAATACA 51649214

AGCAGTTTTA AAACTGGGAA CTTGATATAT ATTCGGCCCT ATGCACTTTC 51649164

CATCCTAGTC CAGCCTTCAG ATGGAGAAGT GGGAAATGAG CTTCCAGTGC 51649114

AGCCACAATT GGTATTTTTG GATGAGCAGg taacttttca caggtaacaa 51649064

atctgtcttt agagctaagt agcatgtagc attcagccta tcttttagag 51649014

tgtgtcatca ttgatacaca tttacagagt gcccactggg tgcaatttgt 51648964

tgcacttaga gcttctcact actttcacat tttccttcca cttcacagcc 51648914

tgcctgcctt ctattttctc tgaacattca gaatttgatc aagggtaaaa 51648864

ataaaattct gatacttttc ctccccaacc aaattcttga agtagatctg 51648814

tcacatcttc tctgaaatct agccttcaca aagaagtaga tctatatctg 51648764

aagaagtttt tcacatgcta gtgaaggaac ttatgacatt atagatacat 51648714

tacagtttta cgttttttaa aataatctct cttatatgtg attaagtaaa 51648664

acaagaagtt tctgtgctta attctaattt cagtctttgt gtcctgattc 51648614

tattttatct tttcagtatt tacaaaattc acagtgaact atgattgttg 51648564

aattggcttt ctcctgttta taaatgcatc ccctgacatg tttgcagaga 51648514

gaaatctgtg gcactgaggt ccacacttga aaacctgtca actttgatgt 51648464

ggtctggcac tcacccagct ctctcctgtt ttcttctctt tacctttcct 51648414

ttcttaagaa ccttcagcac atagtaccat tcttttctat aaacatagtt 51648364

ttcctttcct ctcctcactg tcctgcccca acttgtcttg caataatttc 51648314

ctcactcttc ttacaataag ttaattctga tatattctta acatgagaaa 51648264

gacatttatt tatcactttc tttcctttat ttctactgaa tatatgcttt 51648214

ataaaagcaa atatctgatc catcttttct aacttcacaa aattctcttc 51648164

tgaatccaac tttttcttcc tccctcctcc tattcccatt tctagAATCG 51648114

AAGAGTAGAG TCCCTGGGAC CTCCTTCAGA GCCATGGACA ATTTCAGCTT 51648064

CCCTGGAAGG AGCATCAGAC TCAGTGCTAA AAGgtaggta aagtatctgt 51648014

aaatttcaga tatctgttac cactttatct gcacagaaaa tgtttgcagc 51647964

cattaggaat tcatagcaaa attggtaata ctgaatttct tcagtaattt 51647914

gggaagaaac tccttcatcc ctaatctaca gtgtcagtgt ctgtgaaaag 51647864

gaagattagg ctggcagcaa atcctaaagt caccactttt tctctccctt 51647814

ccctttcaca ataaagcaac ctttccaact tatccgtatc cttaaggtag 51647764

tgtaaggaaa agtgcctggc atctttgggt gagcatcaaa tcctaggttt 51647714

tctacagtcc actcagtgcc cccacgacac acccttgttt ggtatagtat 51647664

catggactgg gccagggagc aatttaccaa gtacaatatg atttctatgg 51647614

ggaaatagaa agacttgctc tcagtggtat gaagaataaa tgtgatgata 51647564

agtgcaaaag cacctgaccc atagcagccc ttagctagtt tttctcctta 51647514

tgtttgtcta ccctcttttg tcttcctgtt ctatcccagc accactgcca 51647464

gctccactta ctttccttga agctcattta tatgaaaatc tatttaaaat 51647414

gcagatttct actaggccca agatagtttg gcaacatatt ctgcagaagg 51647364

acccaataat gtgcatttta gggcctggtc tagagagaag caagcaggtg 51647314

taacatgatt tttatgggaa aaatagtttc tgagttctaa gttcctattt 51647264

aaccctctca cacacaaaac cgttgaaata caacctactc aaagagacaa 51647214

aagagacaca tattaattta ttacgaaatt gttcaatcat tgtattttta 51647164

tgttgtcaaa cagtacaata tattatccac agaaaatatg ttaaggagaa 51647114

tgtgtttgag aaacagaatt aaggcaaagg agcctcataa ctaagggaga 51647064

tcaagggaag aggaaaagtg agacaggtgc tggagccaga cagtcaacag 51647014

aggactctgg ggaccatggt ggggagtttg ggctgcgctc tcagtgagat 51646964

gcagagccat tggagggttt taagcaggcc agttccaagg tctgactcgc 51646914

atgtttagag gaccactctg ctctatggag ggtggattgg agaatggcaa 51646864

gagtgaacct cctgagccag ttggaaagtg attgcaaaag gccaggcaag 51646814

ggatggtgga gatcacaact ggattgattc agaatgtctt ttagaagttg 51646764

aatcagcaga atctactagg agtaaagaaa acaaggactt aaggacaact 51646714

tataggtttt gatcttgtta tattgggtgg atattggtgt tatttactga 51646664

aatggggaag actggattgg gagcaaaaag caagagtttt tatgatgaga 51646614

aacatgaaaa ggtaagtaca acctggttgc tgggccaaat taagacgtag 51646564

gcccttttga tttcagtttt aaggcagtaa gagcaagagg ttgtgtttta 51646514

caattaatat agtttgtgtt ctgggtgtca caagagtttt tttcttctta 51646464

cctgcctccc tccaacataa cccataaatt attaatcatg cttcctacca 51646414

ggagccttct ccctattgtg tgcagtcaat ctcccaacac acagatcttg 51646364

cctgacagcc tcaaactctt catgcatagg ggtttcctct ctgcacaagg 51646314

ggcctcacaa ttatcacagc accttgaaat tcttcctctg cttatgggta 51646264

ggattgtgta tttccttctc atcggaggga gtcccaatca tgcacaatat 51646214

cacagtccaa ttctgggctt caccttgagg tgaagagaaa ttcattttat 51646164

gtcaacctga tataacctag aatagaaggg ttcgatggaa catttaaaaa 51646114

tcatctccta tatttggata gggagctgga gattacaaca gtctgaaaaa 51646064

gtgaatctgt taaatttctt taatctctcc cactagtttc aatgagaaaa 51646014

tttaaaaagt gtcccaagaa ttcaaatgga ttaaaaatga tttttaaggt 51645964

agatggaaaa tatcctcaga aaggaaagca ttcactccct tccccacaac 51645914

ttctatgtca gacagttttc aaaaatcctt gcagggtccc agtaaaagaa 51645864

tagagccaat gggtttatct tgactccttg aattcagaat tgttgaataa 51645814

ttctgaccaa gagctaggac tcaagcaaat ctctgcacta aatattgtgt 51645764

tgctatttta gatgagaaat aatttataaa ttctttgtga tttcaaatgt 51645714

gacttgaaaa taatgttttc aggctgggaa cggcggttcg tgcctgtaat 51645664

ccagcacttt gggaggctaa ggtggctgga tcacttgagg tcaggcattt 51645614

gagaccagcc tggccaacat ggtgaaacgc cgtctctact aaaaatgcaa 51645564

aaattagccg ggcatggtgg gcatgcgcct gtaatcccag ctacttggga 51645514

agcggaggca cgagaatcac ttgaacccag gaggcagagg ttgcggtgag 51645464

ccaagatggc gccactgcac tctagcctgg gtgacagagc aagactccgt 51645414

ctcaagaaaa aaagaaaaaa gaaaataatg ttttcaaaat atgcatacta 51645364

tacaaagaga tatatatcag tactggtaaa aattttttaa aaaagaaaat 51645314

aaaggttatt tgttttaagc acaattatct attattacct tgatatttgt 51645264

atattataat aggggaataa gtaggaaatc ttgttaactt ttgcaaattc 51645214

ttctttctag aagtgtgatt tcaagcactg gcttttaatg cagttagtat 51645164

tgtaattata atgaaacatt ctttgagatt agccagtaac atattgaaag 51645114

gaagtttcat accaataaat cactgaaaat tataaattga tatggtgtat 51645064

atgtaccttt ttataattgg ccaaatatct ccattcttat gcaaatttga 51645014

ggatgtgttt accactcttt aaaaattcgg tttattggcc gggctcagtg 51644964

acacatgcct gtaatgccag cactttggga ggccaaggcg ggcagatcac 51644914

aaggtcaaga gatcaagacc atcctggcca acatggtaaa accccgtctc 51644864

tactaataat acgaaaatta ggtagacatg atggcatgca cctgaagtcc 51644814

cagctactca ggaggctgag gcaggagaat tgcttgaacc cgggaggtgg 51644764

aggttgcagt gagccaagat cgcccactgc attccagcct ggtgacagag 51644714

tgagactcca gctcaaaaca aaacaaaatc agcttatcca atttcctgtg 51644664

cacctcatga atcaggtagg gcatttctgt gggttttgtg ttgtccaaaa 51644614

tgtttttttc aggcttagaa atgactcatg tgccagctca aacatcagcc 51644564

tacctgcaaa atcactgact tccaagaata ggccatgatt ttacagttat 51644514

ttcttgctct actctggcta tgagtctaag ctcattcaga tggttcccat 51644464

aaaatatatg gaatgttcaa atggatagcc ataagtcaat catagacgtg 51644414

cctcgtcttc taattgcgtt tattattggc ctaaaactgt tcctatcata 51644364

tggtgcacat tgcctaccat ttctgatgac attgttcctt aattttttgt 51644314

tatttgtctc ttaagaaaca tataaaattg ttgtaataaa gtctccaagt 51644264

taatgaataa tcatttgatg ttgttttcaa tgaattaatc tcagatctca 51644214

gttttttttt aatgtcacca tttaatttag cttatacatt ttgtttctgg 51644164

caaagctgca cctcatcgat tccagaaaat gaaattatcc ccttctaaaa 51644114

attctcttaa ggaggcgatt gacatctcgt gattaaacag ttcatagctt 51644064

caaaaccctt actttttaaa gcttgcttcg tcttattgtt ttattagaac 51644014

aataaatttt cccactctct tttcaatttg actttctact attttgacct 51643964

gttatttttt ttaacccatc taattactta ttaagacacc aaatgttttc 51643914

cagtgagaac acatggacac agggaacaac acacactggg gcctgtcaga 51643864

gattgggggg aggactaagg gggaaggaga gcatcaggat gaatagctaa 51643814

tgcatgtggg gcttaatacc taggtgatga gttgataggt gcagccaacc 51643764

accacggcgc atgtttgcct acgtaacaaa cctgcatgtt ctgtacatgt 51643714

atcccggaat ttaaaataaa ataaaataat taaaacaaac aaaaaacaaa 51643664

acaaaacgag actctaaatg ttttcagcat gtccacaaaa ataattttct 51643614

accaaacttt gaggtcttgc tctcctcagt accctctcca cgttctcttt 51643564

atacaatcca aatttaaagg cccaggtaat gtggcatatt ttgtcagaat 51643514

ctgcccatag actctccaga ctttcccttc tacttacaca atctatcttt 51643464

tgttcaattt gttgaaagta acacctgtgt gggtaactca tattgttgct 51643414

cctggtcatt ttttttttta tttttttaat gtgggcagtt cagttagaag 51643364

cttcttgggt ttaaaatccc aaggaatgag gacaaaccag aatggtcctt 51643314

gtacagattt gtagacacaa ggcatgtcat taagaaagta agaaaatgaa 51643264

gtgaatttat ccaaggttgc ccactgtgaa gatgaaagat tcagaattgc 51643214

atttcgaact gcctgttttg atgctgtcat tctgttcatt tttcagtgcc 51643164

attttgctac tgttggtgtt ttggtataga aagtgcttag gatatgtaac 51643114

agtcactcac cttctgatct taatacagca gcatagaaat attaattttt 51643064

agcttttttc atgttctggt aatatttacc acagatactc tcacatgact 51643014

actggaactc acctccccat tgtctactcc atgtgttacc catattctat 51642964

tccttaccca tactccaaac catacccata ctcatgcctt acattgctcc 51642914

tccagacctt atccatacct aagaccctac ttatactcca taccctatgt 51642864

atagtccata ccttactttt ttttgaggca gagcctggct ctgttaccca 51642814

ggctggaatg cagtggcacg atcttgtctc actgcaacct ctgcctcccg 51642764

ggttcaagtg attctcctgt cttagcctcc tgagtagctg ggattacagg 51642714

tgcccaccac cacacctggc taatttttct atttttagta aagacggggt 51642664

tttgccgtgt tggccaagct ggtctcgaaa tcctgacctc aggtgatcct 51642614

cccgtattgg cctcccaaag tgtcgggatt acaggtgtga gccaccgtgc 51642564

ccagcccatc ccttacttat atcccttacc ttgccatact tcatacatta 51642514

ccatgtccaa taccttactc atattctatg ccttagccat attccacaac 51642464

ttacacatac tccatgcctt attcacactc catactttac ccatagtctg 51642414

taccttactc atattccata ctttacacat tctccagacc cttactcaca 51642364

cttcatttct aacccatagt ccatatctta cttacttata ttctgtacct 51642314

tgccacactt tgcacattat ttatacccag taccttactt atgctccatg 51642264

ccttacctat tccccatacc ttctcctata tgatacctta ctgagacttt 51642214

atattttact ttgtcctgac acttattgca cctcatcttt cattattttt 51642164

ctttcagtaa ccttaaggat gtcatgcccg gccagcttag aatcatgttg 51642114

tggccatgaa aagtgaatga ggcatgaaac catttactct ttatttattt 51642064

atctatttat ttatttatta ttatacttta agttctggga tacatgtgca 51642014

gaacatgcag gtttgttaca taggtataca tgtgccatgg tggtttgctg 51641964

cacccatcaa cccgtcatct acattagtta tttctcctaa tgctatccct 51641914

ccccttgctc cccactccct gacaggccct agtgtgtgat gttcccctcc 51641864

ctgtgcccat atgttctcat tgttcaactc ccacttctcc tatgtgagaa 51641814

catgctatgt ttggttttct gttcctgtgt tagtttgctg agaatgatgg 51641764

tttccagctt catccatgtc cctgcaaagg acattaacta attctttttt 51641714

atggctgcat agtattccgt agtgtatatg tgccacattt tctttatcca 51641664

gtctatcatt gatgggcatt tgtgttgatt ccaagtcttt gctattgtga 51641614

gtgtgctgca ataaacatac atgtgcatgt gtctttatag tagcatgatt 51641564

tataatgctt tggatatata cccagtaatg ggattgctgg gtcaaatggt 51641514

atttctggtt ctagatcctt gaggaatcac cacactgtct tccacaatgg 51641464

ttgaactaat ttacactccc accaacagtg taaaaggatt actatttctc 51641414

cacatatgtt gtttcctgac tttttaatga ttgccattct aactggtgtg 51641364

agatgagata ccatttactc ttttattcta cggacaccaa gccacactca 51641314

agccaactag ctcacttgga tcagtattgt cactattacc ttttttaaga 51641264

gatccaatgg gaatgtgtga ggactagttt gagggtgtct tatatacaca 51641214

ccttttttat gtgagtgagt catgaagtag ggaagaaatc acatgcagtt 51641164

ttctgttttt agcataccca tgtcaccaaa ctaccctatt ttatgtgatt 51641114

gaaagtttct cttgaagcca tcatgaaata ctactttttc acttcagaaa 51641064

gaatgcacca aaagcatttg ggatggatta tctaacttac tataagtatc 51641014

tcctggagaa aaacaaaata acaacaacaa aaccatatct atatatctcc 51640964

tctaaatctt ttgttctgca atttaacttc atattctttt ttctttagta 51640914

gaccctcctc agtgaaaagg cagttacaac ctattatcat aaaaagtgaa 51640864

tttatatact caaggacaat tatttacagg tcttcaatat cctttgacat 51640814

ttatggatca tagttgcaca aaaaagtcct taatactttt aaagataaca 51640764

tctcaacatt aacaatgtaa cagtttgcta gtatgcatac ctaggagtga 51640714

gtgggatagc tgtggggata atttgggctg caaaggtatt ttagaaacta 51640664

tctatcctgc agaaacccat tcaggtatca ttccctggta gttgtgtaat 51640614

caattccaaa gttgctcgag cccagcaccc caccccatcc caagtccccc 51640564

agccagtata ctgtttatac cagcatgatc agggagcctg tcaattgcat 51640514

ttgtatatgt catcatagct attctgaaga tatgatgaac cctggagtaa 51640464

tgtactatac ttagcagcaa ctgcctcagc ttttgagcac atatgcttca 51640414

aatctgagaa tatcatagat atatatggga atctttgtag agatctctaa 51640364

ggcaagctgg tatttaacgc aaaagcaaac ccatttagaa ctaaagcact 51640314

ttccattagg caatttggcg gctgttctac gaggccaact cactgtgctc 51640264

tacggacaca tttcgattaa atgctgcttt gtattcttcc aaagatggga 51640214

acaataaaga cgtttgtcaa aggaaaaact gcagcaaatg atttcatgtt 51640164

gaacatctgt actcttcagt tcattgtttg caagagttta ttgaccataa 51640114

ttttgatgca tataggtttt aaagagtata aactgcattt atcttgggca 51640064

cctatcattt atttgagtct tggcttattt attttcattt tactgggcat 51640014

tttatttatt ttagaactca gaagagatga agcaaaagat ctttctcaaa 51639964

aaagaagttt tagttagctc tgcaaaattg atgaagaaag acagtgtttt 51639914

cacaaaaaga ttaagcaatt gaattgaaaa atgtaacact aagcatattg 51639864

tatctttatg acacatttca gccttagaga tctcaaacca atctataaac 51639814

tttcagacca ctttcataac cctttgtcca ccatgccaat catattgaca 51639764

tttccagagt aaagtctagc agctgttaat taggaaaata atttagggat 51639714

ggtggagtca aaagacgatt aatggtattg tgaatgtgat actgagttaa 51639664

gctgcctttt ttcacgttat aaatggatga cctactgtta gaagacgcaa 51639614

gggttttttt ttgtttttgt ttttgttttt ttcattttag ttagggaagc 51639564

caaggctcag gcaattcaag ttgctaaatc agagtagctc tatcagtcat 51639514

tatttggtag attgccatgg tcctgatctc ttggcctaat tctggtacca 51639464

cataaactat agataacttg gatagaagaa agacagactg tagaaactga 51639414

ccacctagaa agataataga atttctttct ttatatatta tacatttaat 51639364

aataatatag ccaatatatt gtagtggtta agaatgcaga ctgaaatcag 51639314

gtagatttgg gctgtaaccc cagtaccaca taatttaatc tttcatgagc 51639264

ctatttccta attgctagaa tatagataat agcgtatttt atagggttgt 51639214

tgtgtagttt gtaggcaatc gtgtatatat agaacagtgt ctggcatagt 51639164

ggaactttca atatatgtta actgttattc tgtcttgggt catttggttc 51639114

taagtcttga ctaagaagaa cctgatggat taggtaacct ctttgagttt 51639064

aaaaaattgt cctttattgt ccaaatgtct gccttcgcag aagacatgaa 51639014

gacattgttc gagattagat aataaacagc taatttttgt tttgtacttt 51638964

tttgtagGGT GCACCCAGGC AGAAACTCAA GATGGTTATG TTAGCTTCTA 51638914

CAACTTGGCA GTCTTGATCT CTGGGTCAAA CTGGCACTTT ATTTTTACTG 51638864

TCACTTCTCC TCCAGgtaat tttatacagt gtgcttttat tctgtgtttt 51638814

tttttttttt ttttgagaag ataatccttt ctcccttata gtgggaatag 51638764

ctactatcat gaataagagg tcatcatagt ttagaaaata aattcacttg 51638714

actgtatcat taagcttgag aagaaagagc acatgtagaa atggaaacct 51638664

caggttactc ctggtgagca agaaaccaaa tgtacatttc cttctcaaca 51638614

ttgacgttta cgttcagtgt tctacttgtt tttttcttta atttacttac 51638564

ctgacatttg gttagatatt aataggagaa tgttaattta taagaaagag 51638514

agtcatagga tgttgaaatt ttaactttgg gtcctgtcct cctcaacccc 51638464

ctgccaaatg gggacaatac ccatcaacat cctggcactt cagaataagg 51638414

ggtatgtaaa ttgcatatct gatccagttc tttttgacaa aacatgtaaa 51638364

aaaaacaccc tctggcgtat taaatgtgac tctcatgaaa atatagtgat 51638314

catttgtcaa catgttattt aactcactaa tgaggaaatc agaagataag 51638264

aaaactaatt aaaagagcat ttgggagata gtgatcgtat agccagggaa 51638214

gaaatgttga aataagtttg caatggatac agggcaataa aagcaaaatt 51638164

ttgatagtcc agtgtttaca gatatcattt gcatccttaa ctatataaaa 51638114

attgtttcag catgtcaatc ttctacaaat aaacatatct gggtcctaat 51638064

aaataaataa taaatagtaa gtgaaacaaa tatatgtttg agagaactta 51638014

ataaactttc aacgggcctt ttgaaaatgt tccagtatga cactggtaag 51637964

atctgtaatc ataatcattt ttcctttaat tccaagtttt ggattttttt 51637914

ttgttttttt gagatggaat ctcactctgt cacccaggct ggagtgcagt 51637864

ggcacaatct cggctcactg caacctccac ctcccaggtt caagcaattc 51637814

ttctgcctca gcctcctgag tcactgggat tacaggcatg cgccaccaag 51637764

cctggctaat ttttgtattt ttagtagaaa tgaggtttca ccatgttggc 51637714

caggctggtc tcgaatttct gacctcgtga ttcgcctgcc tcagcctccc 51637664

taagtgctgg gattacaggc atcagtcacc acgcccagcc tggatttttt 51637614

ttttttttaa caaaaagact atcttctgag atcagataat attattgctc 51637564

cctggctata tgatcattat ctcttaaatg ctatttaaac cagtttcatg 51637514

ttcttcctgg tttcttcatt aatgagataa ataacctgtc gacaagtgct 51637464

cattatatgt tttcatgaga gtcacattta tacttcagag gatgattgct 51637414

taaatacttg ttaaaagagc aatttacaca tactttatgt gtcaaagtgt 51637364

cctaacataa gtacaggttc ataacaaacg tgtagtgtcc ttgaccgtgg 51637314

gattcccaat tcccagggat tgtgctgtaa gcttgagttt ttgaatggat 51637264

atgtcttaaa gggtaagaca ggcaggaatg catattttgt tccagatttg 51637214

tctgacattt aaaaggcctt tgtcctttaa ttacctcagt aattaattaa 51637164

gactaaccaa atacgttatc aagtttattt taaggaatag gttgtaaaac 51637114

caaatgcgaa atgtattgta gacagaaact tcttggtaac tcctgtgatt 51637064

ttgaactggt cttggtgttc acacttagta gactactgct ttattgtagt 51637014

ttctacttac agcctgtaaa aagaactaac tgaagaatca tttggaaagt 51636964

tttcccttag tgtttttcac taaattattc ctcttaattt tcaagatcaa 51636914

gtctgttagg tgagactctt tcagaatgag atttataaaa gtttaaattt 51636864

ggagagaata gatggaggat aaaaagaaag gaaaaatatt aaatatctgc 51636814

acttctgtga ccccttgttg acatcacact gagtaacggt acacgtccag 51636764

agagtaactc cttgtttcca agtacatcaa tttgaagtgc tagaatgttg 51636714

gggaaagcag cgtatattca cacattttcg ccaaacaatg aaatttctta 51636664

tttctaatag gcttcaaaat aataggtctg ataagcattg ttttatgtta 51636614

ttgttgtttc ttttgttgtt ttgtgtgtgt gtgtgtgttt gttgttgttg 51636564

ttgttatttt tagagagggt ctcaatctgt cacccaacac ccaggctgga 51636514

gtgcagtggc tcaatcatgg ctcattgcag tctcaacctc ccaggctcaa 51636464

gcaatcctcc tacctcagcc tccaaagtag ctgggactac agacgtgtgt 51636414

gccaccacac ccagttggtt tattttattt tattttttgg tagagatggg 51636364

atcttactat gctgcccagg ctggtcttaa acccctgggc tcatgctggc 51636314

attataggca ttagtccccg tgcctggtct gttgtttcat tcattcatga 51636264

atcaagcaga gaatttgcaa tcatttccac tattttccct catctctcca 51636214

atattttaga gagaaaaaca aattattatt cctattttag aaatacagaa 51636164

aatagatctg cccaagtatt tatggaatcc tcttaggtct gacatattat 51636114

caaatccagc tcatttatca cttctcaact tcctgagaca ctgtcaagag 51636064

ataagggttt ctgtaagttt gtagtactga cttcgtagct agcctttcca 51636014

cgttcactat cattaccatg gtgtaggctg tggcttttat gaccatttct 51635964

tggtgccgtg gggttctcag gaggccctca ggggctgctg ctgagaagag 51635914

attaatgtaa ccaggtatca cccacaaatc cgcccccggc cccccgcccc 51635864

cccccacctt caccacaaat acagttagcc agagaaactc tacctgtggt 51635814

tgccaattcc ttggttggaa tattctcccc ccagaaagtc acgtggctaa 51635764

ctcagctcat tcagatttct tctcaaatat ctcctcaaag aggactcttt 51635714

tggatcactc agtctatacc atccccaatc ctccccacac ctccagccac 51635664

tgtgtcttat aaactcactt tagttttctt tatgcactta tcactccctg 51635614

gctttatagt atctatgtat ttatttgttt gtctactgtc cgtgtgctgg 51635564

gtcctccatt gagaccaaag ttccaaaggg acagagattc tgcttagttt 51635514

gacattatat cccaagggtg tagaaaagcc tggtgcatca tagctacaaa 51635464

taaatatttg tttatgaata agtgaatata ttgagattat ttttaagatt 51635414

gcagttttaa aaaatgttct gatgctaaga taattgagag ccagtggtct 51635364

ccacccttgg atttagataa tttcgcctgg tcaccctgac tttagcttct 51635314

ctgtcatttt tgtgttctat acaaaaatgg actgactata ttttatgtgg 51635264

ctcatgtcac ttctcagttt agaatctccc cctaggctgt gcggggtggc 51635214

tcatgcctgt aattctggca ctctgggagg ctgagactga aggatcactt 51635164

gagaccagga gttcaagact agcctggaaa acatagcaat accccatctc 51635114

tacaatacat taacaaaaaa ttagccaggt atggtggcac atggttgtag 51635064

tcccaaccac ctggcaggct gaagcaggag gatcatatga gccctggtgt 51635014

tcagggctac agtgagctat aattgtgcca ctcattgtac tgaagtttgg 51634964

gtgatagagc tagaccctgt ctctattaac aaaataaaaa taaaaaagaa 51634914

tcttttcttc tgtgatactt catgccttca gaatgttctc aagggccttt 51634864

tgcctgatat ttaatgccca tccagatttg tctcaaattc ttctagcatt 51634814

aagttccagt actttcctgc gtaagtctcc taagtatcaa tagctatttt 51634764

ctcctctctg tctttgttta tgtatttgca cagccttcag agtcccctca 51634714

gatacttcct cctccaggat gctttcccga atcatatcaa tggaaaataa 51634664

acatccaaag caattgattt gcattattct agtggcatgt gtcacatcct 51634614

aatttgttta acaaatgttt gttatgtgta tcttatttac tagcttgtaa 51634564

atatcttaag aatgggaact ggtaacttat caacttgacc cagtaaacaa 51634514

ttactgagca atcattgaca aatggataaa agtatgaaga atttagtttt 51634464

tacttctgta aatcccaagt aaagtctatt cccccatctc tgtgcctgat 51634414

tgagcttatt cagatgccca taaaaagcaa ttacttgata acaaacaagc 51634364

caaatatggc tcagatacat gatgtataca gaggagattt tgttgtagta 51634314

gctttgggac caagtcagcc agaagtcaag agattgaaga tctgactgtg 51634264

acttccagta aaattgtcag gttcagccca gtgaaagcac agcaaagaaa 51634214

aacatggtgt ttccttgagt acataaaata aaaactcttt ttgcctgagt 51634164

tatgtggatg aaagcagaag tttgaagttt gcttgtttgt tttgaatgag 51634114

ctgctttaaa aatgctggct gtaactgttc ataaacaagt tttttttttt 51634064

taaataaacc tgtttgtatt gagatatgat tgacacatga taagcatatt 51634014

taaagcatac catttgatac attttgatga atgcctactc ccatgaaagc 51633964

atcctcatta ttagaataat gaatatattc atcaccccca aaattaaagg 51633914

caagttttca aacaatttat ttttaaaatg aatgtacttt aaaattgaca 51633864

tttttgtatg tggttttatt acttcaaata catgtataga tccatgtaac 51633814

catccccaca gtcaggataa ggaccatttc atcaccccaa aaatctgttc 51633764

tcacatacat gtagcctttc tccaccattc atcgttggca accactgatc 51633714

tgttctttaa ctctatagtt ttgtcttttc tacagtgtta tataaatgga 51633664

atcctacaaa tgtgtaccat tcagagatgg gcttccctta ctcagcataa 51633614

tgccttttat gctcattcta gttgttacag gttatcaatt gtgtgtttgt 51633564

ttcttttcct ttttctttcc tttctttctt ttttggctga gtagtttttc 51633514

attgtctaga taaactgtag tttgtttatc cattcccctg ctcaaggaca 51633464

tttgggttgt tcctgggttt tgcaatgtac agagctgcta aaaacattta 51633414

tgtatgtgtt tttatgcaga taggtaactt tcttttttag attattttat 51633364

gactcatttc ataaataata atggggtgag aaatttttct gtctccataa 51633314

atgggaggag tttcagatga attcttacag agttgaactc tctcaacagg 51633264

atgctatctt gccccatcat tcatggccgg cagttctatc tgccattgtt 51633214

ctagtcctag ttttccagat aacataactc tctaagacaa tatggtgctg 51633164

cagcaggagt ccctatgccc ctgttttgat gtgttatatg gcacgtattg 51633114

agtagataca tacatcagag caagtaattt cacacattct ggagctgaga 51633064

atatttttat tctcattagt gaaacatgag tgaaagaagc tgaaattttg 51633014

cattggtatg gaaggttggt ctgaaaatta aaagagagaa ttggaagaat 51632964

tctcaatcaa taattgacag aattggaaat aactattatg tgttattgtt 51632914

ggaatcttgt gattctctag aaatataaat cttggattta taatttatgt 51632864

atttattaaa tttaatgaat atatattgaa cacctactat atcccagata 51632814

ctattatgaa tgtatttatt tttaccatat tttaattata ttagcatctt 51632764

attaacatat cattgaaaca tcttcttttc cccgccacag GAGTCAATTT 51632714

TACAGCTCGA TCCAAGCCAT TTGCTGTCTT GCCTGTGACT AGGAAGGAGA 51632664

AGTCGACCAT CATCCTGGCT GCTTCCCTGT CCTCTGTGGC CTCATGGCTG 51632614

GCTCTGAGCT GTCTGGTGTG CTGTTGGCTT AAAAGAAGCA AAAGCAGAAg 51632564

tatgtagttt tttttttatt ttggaatgaa aatttctgaa aaaaaagtca 51632514

tcatacataa catattaatg attctgtttc tttccccaaa gacaaatttt 51632464

tgtgagcttc tctaaaatat aaaattacac aaagccaaat tgttcaatta 51632414

atacattaga gacaaggatt gcctaatctt aagtaataat agcaataata 51632364

ataaaaactc atgttaacta aatactcact atggaacaca ttctgagcac 51632314

ttcagataaa ggaatttatt taatccacac aacaacccaa tgaggtgggt 51632264

gaaaaatatt gtaactcact tcaaaaagtg agttaaagaa tcaggggaaa 51632214

ccagcacttt gggaggcaga ggtgggtgga tcacctgagg ttaggatttc 51632164

gagaccagcc tggccaacat ggtgaaaccc tgtctctact aaaaatacaa 51632114

aaattatctg ggcatggtgg cagatgcctg taatcccagc tactcgggag 51632064

gctgaggcag gagaattgct tgaacctaga tggtggtgga ggttgcagtg 51632014

agccgagatt gcgccattgc actccagcct gggtgacagg agtgaaattc 51631964

tgtcacaata aaaaaaaaaa aaaagaaaaa aaaaaagaat ccggggaaat 51631914

gtcatcctct cctcttctcc tttaaaaggg gagagggctt agtttgtttg 51631864

tttgtttgtt tgttttttag cataggaatt aagtaggttc ctaaatattt 51631814

cccagaagtg gatgccattt tttaattttt taaagctgga gacttgtagt 51631764

cactgaggga aagaagcttt gtaaatgaag cttctttcta tcttagagtg 51631714

gaggagatag gtgagcagat caggcattgg caaattcctt attccaccca 51631664

ttcccccaac cctagaccag ccaatgagtg aaagaaatac ttgtcttact 51631614

aggaggctct acaaaaccaa agtaaaagca agagtgaagt ttaaaagagg 51631564

agaaataaag agaggcaaag agaaaaaagt caaaataaag gtgagaggaa 51631514

gtagcatagt cccactacta caacatttgc tgggcttgga gctctgagag 51631464

atgcttggga aaggaggctc cactggatac attttctgta tttgaactga 51631414

gctacagcct ggtatccctg tttctctctt catcctgttg atcaggactg 51631364

gactaactac aaggcagctc cttgtctttc tgaagaagaa ggggatcttg 51631314

acctcgttct gccttatgtt gctgtgattt gcagtttttt gtttttcctt 51631264

cttaaagttc tatctacatt cagtgtatgt agtgctgtct gcttgtaagt 51631214

agaattttca taaattttta tctcatgtaa tcccgtgaag taggtgattt 51631164

gattctcatc ttccatttgg tatctaaacc tagtagccat gcaggggtct 51631114

ctccctaagg tctaacctca cttttaatcc taagctctag agaaggcttt 51631064

ttctaactcc taagctctgc tatctccact tttgatcccc cagctctaga 51631014

cgtgacttct tcctgtgttt acaaatatat ctattacttc agtgtcttcc 51630964

ttttcctctt tcaacctttc aatatctgtg gacacattac cttgtatgat 51630914

atccccatat tttctttact gggcacagac tcctaactat gttaaacaaa 51630864

caaaaaagat gtaaagaaat tgcaaggaac tttatgaaag ttttacagta 51630814

gtcagatctg tataagtgat ttgtattttc ttccttatac cttctgtatt 51630764

ttatatttat taagtttcta aaattaactt tcatttcttc agaatcagaa 51630714

aaatatattg ttccacaact tactcataaa aaaagattct ctggttaagc 51630664

tatatgctct ctgtgcctgt cattttcaat ttgggtctaa ggaccttgtt 51630614

atgctttcaa taattgttga gaatctaaac aacttttgtc tatgtgggtt 51630564

ctatatccat taatatttcc aaattagaag tttaaacaga aaattttaaa 51630514

tttattcatt aacttatttt aaaataatac atgcattgca tgtaaacata 51630464

acattttaaa ttaaaaagtt gtattttcaa aaaatatgta gtgaaaagag 51630414

tgtggcattc ttacaaacct ctttaatatc ttccttaata ggcagctgga 51630364

atctcttggc agcttctgca ttcgacctat tgcaatgtat tgtttttgct 51630314

gaagtatatg aagaaaacca gcctcagtca gatacattgt agaaaaggga 51630264

tgagcatttt aatagccttt acagataata gtggacattc ttctttctta 51630214

ctgcacccag acttgacaag aagtagttac ttaaagtgcc atctcaatgg 51630164

cctttttgta ctttgttaca tgaaaatcca ccagtctcat catatacttt 51630114

gaatggagct tttatccatg cattatgctt tggtcatttt gaaaatattg 51630064

tttcacggag tcgtgaagat cttctcaacg ttgacatatt tcattctact 51630014

attcaaaaag atcacatttg ttaataacat gaatcattaa gaattagaaa 51629964

cctgtgaagc tcatgtagtt gatacaagtt ttcccaaatt ccaagtttcc 51629914

catgaaagct tgaattttat cactgggaac aaacactgta agttgtttct 51629864

gttttagaag ctcacttcat tcatttgaga aaaaataaaa tctgccaaat 51629814

atacaagtat gaataaccat aatttctcaa tcattatttc aagctctttc 51629764

aagtaaaaat ggtgttccat gaaaaaatag ctagttcagc tcaaaattca 51629714

attgcaaaat tgctttttct tgggaaaatc acatatgaat tttaaataaa 51629664

atttaatttt ctttagtgct ttatcaaaga tattcttaag taaaattggc 51629614

ttttgttttt tctcttcttc ttggtttttt gttttgtttt gttttactgt 51629564

gattttattt cagggtatat ccttcttgat catgcctatc caaaaaatgt 51629514

ataccttgtg gtttttacta gcatttctct aatgattagt gatgatgagc 51629464

atttttttca catacttttg gccacatgta tgtcttcttt tgagaagtgt 51629414

ctgttcacgt cctttgccca ttttttttaa atgggattgt ttgctttttt 51629364

gatttttgat ttaagttctt atagattctg gtattaggcc tttgtcagat 51629314

gcatagtttg tgaatgtttt ctctcattct gtaggttgtt tgtttactct 51629264

gttgacagtt tcttttgctg tgaagaagct ctttagttta attcggtccc 51629214

acttttttta tttatgtttt tgttgcattt gcttttggag acttcacatg 51629164

aaaactttgc caaggcctat gtccagattg gtatttctta ggtttttttc 51629114

tacggttttt acagttttgg gtcttacatt taaatcttta atctatctta 51629064

agtggaattt tgcatatagt gaaaggaaaa ggtcaagttt cattcttcta 51629014

catatggcta gccagctatc ccagcaccat ttattgaaaa ggagtccttt 51628964

cacaattgct tgttattgtt ggctttgttg aagatgagat ggttgtatgt 51628914

gtgcagcttc attattgagt tctctcacct gttccattgg tctatgtctc 51628864

tattattttg ccagtgccat tctgttttgg ttactgtacc tttgtagtat 51628814

agtttgaagt ctagtataca ataagatacc atctcacacc agtcagaatg 51628764

gcaattatta aaaagttaaa acagtaacag atgttggcga ggttgtggag 51628714

aaaagggaat gctgatacac tgttggtggg aatgtaaatt agttcagcca 51628664

ctatgcaaaa cagtttggag atttctcaaa gaacttaaaa cagaagtttt 51628614

caactcagta atcccattac tgggtatata cccaaaagaa tataaatcag 51628564

tctaccaaaa ggacacatgt atttgaatgt ttattgcagc actattcaca 51628514

atagcaaaga catggaatca acctagatgc tcatcaacag tgtactggat 51628464

aaaggaaatg tgatacatat ataccatgga atagaatgca gccataaaaa 51628414

gaatgaaatc gcatcctttg cagcaacatt gatgtggctg gaggacacta 51628364

aactaagtga attaatgcag gaacagaaaa ccaaatactg catgttgtca 51628314

cttataagtg ggagctaaac actgggttca catggacaca aagagaggaa 51628264

caatggagac tagggtctac ttgagtgggg aaggtgggag gggggtaagg 51628214

gttgaaaaac tgcctatttg gtactatgtt cactacttgg gtgatgaaat 51628164

catttgtaca ccaaacccca gtgacatgca atttacctgt aacaaacctg 51628114

tacatgtacc ccctgaacct aaaataaaag ttgaaaaaga aaaagaaaag 51628064

gtctatttcc tacccataac tatctccttt tcatgccatg ttatggcatt 51628014

actttgccat attacaaatt tatttgtttg tcctctgcca tccaaactag 51627964

aataaaagct cagtgagggt agggatcaga tcttttttac tcactgtatt 51627914

attcccagag ccttaaacag tgcctgacat gaggaatgta aatatatttt 51627864

agatgaatga atttattaaa taaatgaata gaagatgaag tatctcttca 51627814

gccaggaata gactgaagat atacaatctt ctattaaaag ccctcctcat 51627764

cttgcgtatg gtggcttgta ccggtctcaa ttctttggta ttgatatcat 51627714

actgtagtta cacaggttgt tgacaatgga gaaggctggg tgaagatgct 51627664

tgaatcctcc ctgtatattt cttgacaact gcctgtgaat caatactcat 51627614

ttcaaaatta aaggttaaaa aaagtattag taatattctg tcactagcta 51627564

atcagttctg tcctacggaa gtataacatg agccacatat gcaaggcaca 51627514

tatgtaattc tctagtagcc atttaacata atatatcaag aatattattc 51627464

cagcatgtaa tgaatataaa aacattagtt agtttacact ttttttcaaa 51627414

attgagtgtg tacattatac ttacaataca tctcaattta actagtaaca 51627364

ttttaagtga tcagtagcca catgtgtctg ctatttgtat cagacagtac 51627314

agttttatac cataaagttg gtggtcagta tataggattt tatgccatta 51627264

tttcttgaac tctgaatatg ttatatgctt tctgttgcat gtgtatgata 51627214

attttgggac aagggtacat acaagggaaa cacctaaatg ctgatggtcc 51627164

cacttacaac tgaacaaaaa aatccttttt cttctccatt aatacagAAA 51627114

CAAAACCTGA AGAGATTCCT GAATCCCAGA CTAATAATCA AAATATTCAT 51627064

ATCCACATCT CATCCAAACG CCGAGAATCA CAAGGGCCCA AAAAAGAAGA 51627014

CACTGTGGTG GGAGAAGgta agcttggagg gtggagatga tccccacagg 51626964

agagacccac tgtggatggt ctgagcctcc ctctccttca gctctgtctc 51626914

tgaagcaatt tggtttatag ccccttctta gtctttgtta ctttccttca 51626864

aagaaattat accccagcag aaaaatacac aggtctggct ggttcactca 51626814

gctattcacc aattatttga attgatattt atattgtttt tagtagaaga 51626764

ttattggttt aacatttgag tttgttacat agaggaaagg ggaaaccaga 51626714

gtataggcat ataatctttc ctttagctat tgcaaagctg ccaatttggc 51626664

aacattattg aatttgggaa agaagagtac agttgccaaa taccaactat 51626614

gcaaattaga ttgagtacag aaccctcgac aaatgagtca gctttgttaa 51626564

gctgtgcttt gttgtttagt tgtactttta gcaaaatgta gtatttgcct 51626514

ctatggtgtg ttatgtcaga tgatattact tgttatattg ttaaattgcc 51626464

attagaatta gtgccaaaca gagaaaagat aagcatttgc ctgggatgaa 51626414

tgctttgccc ttgtcctact aagaatgctg caaataggaa gactgggcag 51626364

agcacaagat ggctttgcca agtatgggta tgatacatga aaaatattca 51626314

tataatttcc atgggcctga aacgttttaa aacatatact ccaaagagtc 51626264

aattatcata ttttctgctt gaaaaggctt accaatctta gtggttctga 51626214

atgcgtgttt aagcaaaaaa tagcagtcca atgttattct gcctctaagt 51626164

agctgagtga gatctttcat gtgtgtgttt atgtgggtgt gtgtgtgtgt 51626114

gcatgcacac atgagcatga gtgtgtatca gtttgtttgc ttgtttgtat 51626064

atttttccat gaaagaaata aaggtttgtt tgtttttttc aattttccca 51626014

tcgtattagt tagccatact ccagttcctg gacctgcacc agaaggtggt 51625964

agagggtatg ggggtgtggt tgggagtgct attgaaataa atagagaaag 51625914

agagaagggg atgggaatta ttcaagattc catctaagat tattctaatt 51625864

ttggttttta gaagcctctt gaccatatta ttgcatgtaa actcaggaca 51625814

ggtgtttgaa cgctgccatc tgaatagctc ttcgtattca gctgccatct 51625764

gcagagagtg gcaggagcag tactaatctc tctcttaatc tcatatggcc 51625714

atttatgtgc atttcagtgg cccgcttaaa ttaactacat tatgccgtcc 51625664

acagtgccta actgttttat taaggaactt ttttatgtgg tggcttatta 51625614

ataaattatt aggaatgaga cagggaaagg gctctgtgga aaagtttaga 51625564

ttgaagagag gggagcatca aagaggccat tttattagga catacaagtt 51625514

aaaaatagaa aaatgtgtta tccgaatcct cctctgggga tcacagcaga 51625464

tttgtttcct tatcttctaa gctttgtaca aatctgaaga gtatcgtttt 51625414

gaagacaaat aatgaagcat ctcctgcttt tctttggaaa ttattaccag 51625364

ctatgaaaca cctacttatt ggtagcttta cataaatttt gtttcattct 51625314

attattgcca tggcacttta gtttcccttt tccctctgtg tttttaaact 51625264

tttaacattt gctgataaag tgactggctg tctctctctc tccagcactt 51625214

tgccttcact aagcactgcc atagcactta ggattattga gctgttggaa 51625164

ctgagcatga ctactagatt cagattataa atttaccaca ttacagcttt 51625114

taccaaaaat ggcatggtac ggtcagggtg ctagaaagtt gtgatggggg 51625064

aagaagatag taaagtatac atccctccta ttttactgtt gccaggtttt 51625014

ttgatatcaa gagccatcta agccctcttt aaatccatgt ctgctcatgt 51624964

cactcttcta ctcataagat ttaatgaatt ctcattgtca gttggagaat 51624914

caggagagtg tgacagttaa gagcatagaa cccagaagtc caacagactg 51624864

ggtttaaatc tgactccctg ttgacagact ttgtggcctc aagtaagaga 51624814

actaatttct ccgtgtgttt cagtgtcctc atcagtaaca tggccctagt 51624764

gatactggcc atagttatgg ttattataca gaataagtga attggtgtca 51624714

gtaaagagca cagaacaatt tcaggcacac tatgtgtgct atatatgtgt 51624664

tcacatccaa gggtcttttg gattccagta gttattacaa ctgctgggga 51624614

aaaaaaagac ccgcccctgc cttcttctaa aagaaatgta ttaatagaaa 51624564

ttttatccaa gttcaccaac tatacaaaag gatgatgaat gcacattttt 51624514

ttggggtcct aacagttttc tgctggctgc tttagcttca tgagaatgac 51624464

agggatagga aaggacagag atagcttcat ctggaagcaa aggagctgag 51624414

aactagaaat tgtctcaagt tctcaggaaa gcaaaactat gtttggaaat 51624364

tattgataaa taatgtgtcc atgtcatata ataaaaaatg aacattttct 51624314

attttaaaac atggataaaa tatagtagtt gtcccacaag acaacttcaa 51624264

aaaataatca ggaataacag catgcccact gaataagatg aagagcctgg 51624214

tatggtggta tgcacctgta tttccaacta ttcaggaggc cgaggtggag 51624164

gattgcatga gcctaagagt ttgaggctgc agtgagctat gaaaatatcc 51624114

actgcactcc aacctgggca acataataaa accctagtct cttaaaaaaa 51624064

attaaaaaag aataaagagt tccaattcta ttttcaatca agatccaata 51624014

tcataattaa caatggaata ttagaggaat tcatattcaa atgaggaaaa 51623964

cacataagtc attcttacca taattttata acatatattt tggaatgcta 51623914

agaaacacag catatataaa acaaattggc cagtcatggt agctcacacc 51623864

tgtaatccca gcactttggg aggccgaagt ggacagatca cctgaggtca 51623814

ggagtttgat accagcctag ccaatgtggt gaaaccccgt ctctactaaa 51623764

aatacagaaa aaattagctg ggtgtggtgg cacatgcctg tagtcacagc 51623714

tactcgggag gctgagactg gagaattgct tgaaaccagg aggtggaggg 51623664

cgcagtgggc caagatcatg ccactgcatt ccagcctggg tgacagagcg 51623614

agactccatc tcaaaaaaat aaaaaaaata gataaataaa aatacaacaa 51623564

attaggagga caatgatgga agttgtttgc agatgatatg cttttttaag 51623514

aataacttaa aagattcaac cattaactac catgatttat aaatattttg 51623464

aataactcac tcaaatataa tgtcagtcca aaaaattgta taggtcaatg 51623414

gtatatattt agaaaaaaaa taaagaaatg tacaatagag accaaaggat 51623364

atactgcctt gaaaaaagtc ttaaccagtg ttatgttgaa cctatataaa 51623314

aataaactat aatttattaa atagtataaa gagaagactt gaatacatag 51623264

ggaattatag tatgtttcca attagattga ctattattgc aaatgcctca 51623214

gtttttctca aataaatggg attaatgcaa ttccaatcat tctttgcaat 51623164

gttgaatagc ataagatgga ttccaaagtt catcagaaaa tatagactaa 51623114

tgatacaaag ccaattttct aaaataaata gattttatga tagtggaaat 51623064

gggtagccct atcagggaaa taatatttat gtcactattc ttaagataat 51623014

gtgattctgt tacaagaata tatgggcaca ttagtggaaa tagccccaat 51622964

taggtagata tagatatcat atataggtaa tagatacagg aatgaaatat 51622914

ataataaaag agaaaataaa agtaaatata aaggaaaaca gtttataaaa 51622864

ggtttagcaa atttgactat ttagaacatt tatcagtctc gattcacatt 51622814

ttataaaata ttacaaagga aattccagat ggattaatga gttaaattag 51622764

gtttactaaa acatatccat ttctagagta tcacaaaaac aataaaatgc 51622714

agattactta tgatataatg tgcaactaca gacattttcc tttttatttt 51622664

tctctaattt ttatgcctcc tcaattgtca tacattgctt attaagaaga 51622614

aataatattt ttcacataaa ggaacaaatt ctctagagaa gatagaagca 51622564

ttagtattta attatggcat atacattccc tgatatgtgg gcaggactat 51622514

tgcccattat tgacaaatga gaaaccaaga tggttgattc ttgttgttgg 51622464

ttgatctgtt tttcatcctt ctgcttcaga tcctgtttag gctcaaaagt 51622414

ccaggctttc tgtactgaat ccagatcatc caatactgaa tgttgcacat 51622364

ggaactaggc tcaaaaaata tgaacagggt agggggaggt agagagagag 51622314

aggggagatt cattgttaat attcttattg caaaagaagc cagtgactag 51622264

tacccacaca aattttaaaa gtcaaaggca cagtgcatat ttgctgctca 51622214

agaaagtttt ggaagttgga agaggctaag gatagctgga aaagctgtag 51622164

ctgactgtgg gtggacccga aagaacccag aaccagtgag tcctcctttc 51622114

catagagaag agatataggt tccccatatt gtatcccatt ttccctaaaa 51622064

cttgatcaaa tccaccagtg ggattctaag aggcatggag gaacagttta 51622014

aaatcccatc ttttcatttt aatgggaact catcaacaag gcagaggtgg 51621964

aaaggaggca tgacaattca tatgttttga tactcactat ccttccttcc 51621914

ctaaaaccca aacattcagc tgaatgcctt aggacacgta tctgctataa 51621864

attcattttt tatctaattt gtctgagatc taagcttcct gtggaggtcc 51621814

aagatcaaag gatttgattc cttctgatgt cggcgctgac acataatgtg 51621764

tgctgactta gttctgtcta taacctcata gtaggaggtg gccagcctct 51621714

ctgggcacct ttacacagtg aactttcatt tcggctgggg agtctgtcag 51621664

gtatgttgct gattggagct gccatgtaaa taattcatgg gagattttta 51621614

aatgttttgg ggtctgcaaa ggaaagctat gcttgtgtta gtctttcatg 51621564

aatagatgcg gacttaaaga acaaggggga aaagatttcc aatgaaggtc 51621514

tctcaaaaac aagataacag tatcttcaat gggttgaaaa taggcgactt 51621464

gcagtgtttg attcctcttg tatgaagcac tattggtttt accaagggat 51621414

taaaattcaa agcctttttt gtctttttaa agtttgcttc tacctgataa 51621364

tttattattc ttgttctttg gttatttgct gatcctgata aactatgtct 51621314

tttccacctg gtgggagcag taattatgga gatgatgccc agctcagtgc 51621264

ttggcagagg actgggcata atgagggagc aaggttgacg gcacacaaac 51621214

atttcttcct tgaaggaact caaattccta agaggaagat gagactgtta 51621164

cataaggaaa ggtgactaat aatagaagca actgtgcagg tcaaatgaga 51621114

aactccagac aagtattgag gcataaatca atgtagtttg agctgtgaag 51621064

aaacacttct ggaaggagct gcaggttcct taggaaaact agggtaacct 51621014

gaaagttctt atagctctaa gcaagagaat catcccatag tttgatggct 51620964

gtagaagata catgctagac aaatggactg tggaacagga gacagaaaat 51620914

gtgaataaca tgggcttatc ataatattag tagatgtgtc atggaaataa 51620864

taggaacaac atgattatct ttttttactg ctctaaatca aaagcattat 51620814

atatatatat atacatatat atatatgtat atataatgtt attactttct 51620764

ctcatcctta cctcattttc cagattaaat tgaagtggga aattggtatt 51620714

gtctatccca atactgtctc ttatagtatg aatcagacag gattactatc 51620664

tcctaacaca aaccaagaca gctctcaatg aactcaggaa aaaaataaca 51620614

aaaagcttaa taagttaagg atcttcaata catacaaatg cgtggttaat 51620564

gtatttggtg gtgagatgtg agaaaagcag ggacagtaaa cgtagtaaaa 51620514

gtagatgaca gtattaccat ctacccccca gggtttagga caagttcaac 51620464

ctttttctca ctgtaaggca tatgaatagt gacctttgca tgcatggtat 51620414

actcccatgc atgtatccca ctgaacattc ttaactttcc attgcagtct 51620364

ttatctttac acagtattat atggtgccta gatcatctgt ttatgtatat 51620314

tgtactcttc tgagttgatg tttaggtctg tttaatagaa aaataagaga 51620264

caaataaaat gtcaaagagg aaatcaatta aaacaacatt gttaaaataa 51620214

atatatttta gtaaattttg aagtagcacc tgagaataaa ttaaattatg 51620164

caactaaagc ccagagaggc tgaaaggatg aaagtcatga agccagatag 51620114

caggagaagg ggaacttggg cctaattttg tgacttgagt gtaatgtgcc 51620064

atctctcttt ctactgttat gcaaccatac atgtacacac tcatatacat 51620014

agatgtttat gtgattattt ctgcaaatat ttatattcat gtttttataa 51619964

taccaaagat atttacattg tgaacttggt ataagagcct aagtattaga 51619914

taggactggt ttttatagtt catatctctt aacacaggtg tgagttggcc 51619864

tgttggtaag ttggcctgtt ggtaagttgg cctgttggta agtgtgagtt 51619814

ggccagttgg taaggcctga ccatggtctg gtttttgcat tgaagcctag 51619764

cgcttacaat gaaaaatcct cattcaatta tcaacatcat gtaagtattt 51619714

tttgaggaag aagtattacc aattttttat tacatatttg gagtgtctga 51619664

taaaagatat ttggaaatca aagagctgat gtaattcaat ctttgatttg 51619614

acaatatctt gtcagaaatg ctaagtatgc aaaatgtgta attaactggt 51619564

tgaaaactaa atccatttct tcccctattt cttttccccc cagATATGAG 51619514

AATGAAGGTC ATGCTGGGCA AGGTGAACCA GTGCCCCCAC CAGTTGATGA 51619464

ATGGAGTGTC CAGAAGGAAA GTTAGCCGCC ACATTGTCCG AGAGGAAGAG 51619414

GCTGCTGTGC CTGCTCCTGG TACTACTGGC ATCACATCCC ATGGGCACAT 51619364

CTGTGCTCCA GGTGCTCCTG CTCAGCAGGT GTACCTGCAA GAGACTGGGA 51619314

ACTGGAAGGA GGGCCAAGAG CAGTTGCTCA GATACCAGCT GGCAGGCCAA 51619264

AATCAGCTGC TGCTGCTATG CCCAGACTTC AGACAAGAGA GGCAGCAGTT 51619214

GCCAGGGCAA AGTCGGCTGA GTAAGCAAAG TGGCAGCTTG GGGCTTTCCC 51619164

AAGAGAAGAA AGCCTCCTGC GGGGCCACTG AGGCATTCTG CCTTCATTCA 51619114

GTACACCCGG AAACTATTCA GGAGCAACTG TGATCAGGGA AGTTGGGGGC 51619064

ATTTGGCCTG AAAGGCAGAA TGTTCCCAGT ATTTCTGGAT AATAAGCTGG 51619014

GGAAGTGAGG ACTGTCCTGC TGGGACAACT AAGAAGAGAG AATGTGGACT 51618964

CTGAATCCCT TTTTCAACTT TAAAATGGAA AACAGTCATA TAAATGCTTA 51618914

CAGACTGAAA AATGTCTCAT ACATATTTTG CAGCTATCAT GATCCTAGTT 51618864

CAATGCTAGG CAAATAATGG CACTTGTTAA TTATTTACCA GTTTTTAACT 51618814

TAAGCCTGAT TTTAACAACT TGATAATGGT GTAATACTGA CTTATACCAG 51618764

CAGGGGTTAT TATTAAGCAT TCTCTGGATT GACCACCCAC AATGCTTTGA 51618714

GCTTCTTTTA TAGAAGGGAT CATGAAAAGG TCTGGTCAGC TACAGTTTAA 51618664

TTCCACACTG TTACAGAAAA GCATTTCTTT ATCCTGTAGT AGCATTTGAA 51618614

GGGACAGTTC AACACCCTGC TCCCTGATCT GTCAGAGCTT ACCTTCCAAC 51618564

CACAAGGCAA CTTCCTGGCT TTTTACAAGT GGATTTTATT TCATGGTTTA 51618514

AATTCAATCA TTATTGAGAA CCTACAGTAG TGTGAGCGTA TCAAATTTGC 51618464

ACTTCATGAG GATTTACACA TGAAAATTGA TATTCTCATG GGCTTTGCTG 51618414

AGAGTTTAGT TAAGGACAAA GATGTAAAAA TGCCAAATTT GGGAAAGGAA 51618364

ATTTTGTATG ACCACTGTTC TATTTTTCAG TGATTCTCTC TGTTAGTAGC 51618314

TGGGTCACAT TTACAACTGG AAAAGAACTA CATTGGGAGA TCAGAGAAAG 51618264

CCAAGTGGCC AAGTCCTTTA TCAAAAAGCT GCTTTTTGGA GAAGATGATG 51618214

CATAAAGCTG TGATACTAAG GAGAGGAGAG ATTATGTCAT ATGCAACTGC 51618164

TCTAGGCTGT GCAGGGGGTT TAAATGGAGA TCAGAACAAA GGCTCACCTG 51618114

GTATTGATAC ATTTGGTAAG GTTGTTAAAG GCAATTTCAC CAAATTCACA 51618064

CATTTGTACG GGGCCCATTT CTTTTCAAAC TGAAGAATAC TTTAAACAGC 51618014

CTGACTGTGT CCTTGGCTCT GGATCCAGAA GGCCTTATGC TCCAAGCATG 51617964

TAAAGAAAAG ATCGCAGGAA TGTGGAGAGC TTCCAAAAAG AGATTGCTCT 51617914

CAGATTTTCC TGAAAATCCT GAAAACCAGG ATTTTCCAAT CTCTACAATG 51617864

TTAAGGGGTT GTTGTGTAGT TGCATTGGAA GAGAGAAAGG AAACACACTC 51617814

TTTCATTGCT GAATTCTAAA TAATGATGCC CTGAATTAGT TCTATGAGAA 51617764

GTACTGGCAG ACAGCTGTTA TGTCTGCAGG GCATCAAGGG GCAGGTGTGT 51617714

CTCACCCTAC TAAGAATTGG CAGAAATGTT TTAACCTCTT CTTTAGGCAT 51617664

CTGGTGAGTA TTGCAGATCT TCAGGCTGTC CCTAAAAGGA GGTAGGTAGC 51617614

CTTCTCTGTG GTCACTGTGT TGGATTTGGA AGAAAATATA AGTAGATGTT 51617564

AAGGTCAGTG CTCTCCAGGA GATTTCAATC CAGGCTATCT GTGTTCAGGG 51617514

AATGATTTGC AAGAAGTTGG TTTATAGACG TTTACTCTGG AGGCACAAGC 51617464

TGGCTGCCAT GCTGAGTAAG TCCTCTTTGT AGATGATGTA TTTTGCTTGG 51617414

GCACCAACAG AATTAAAAAC GAAAAACAAA AAAAAACTCG AATGACTTAG 51617364

GCAGAACATG CCTTCCCTAG TTTAATTAGT CCCTGTTATA ACCAGTTATT 51617314

TATCTTTTTT TGTAGATTCT CGGTCTTGAA GTCATTTGCC TTTGCAATCT 51617264

CTACTTTAGT ATACTCATTG GATCCTCAAA GAGCCGTAAG CTTTTTGGAA 51617214

AAAAACATTT CAGAAGTGAA GGCTTTTGAG GTTTATAAAA TGGTAGCAGT 51617164

CTTAGTCCTT GCCCTGCCTC AGTTTACCTG CACATGCTTT CTTTCATTTC 51617114

CTCGGATTCT TTCACCACTT TTTAAGTTTT TTTTCCACAG GTATTTTTCC 51617064

TGAGCTCTAT ACCATGCATT TAGCTGCCTA GTGAGAATAT CCAGTAGGTT 51617014

ATCCTATAGT TACTATGAAG TTAACACAGC CCAAAAACCT ACTTCTCCTT 51616964

GTGTTTTTTT CCAACTCAAT GAATGACATC ACTGCACTCA GACCAGAAAT 51616914

CTAGAAGTCA GTCATGACTC TTCATTCTAT TTCGCCCTTC ACAAAGAGTT 51616864

AGCTGCCAGC TCTGTTATTT CTGCCCCTTC TTTACCCTTC TTCCAATTTT 51616814

TATTATCTTC TTATTTATCC TCTATGTGTC ACAAGACCAG TCTTTCTGGG 51616764

AGGCATGTTT TATCCTATCC CTCTGCGTAG GAATAACCAT AATTATCTTA 51616714

CTAATTCCAT CCCAGAAAAG CCTGTGATCC CTGAGGCCAG AATTGACTCT 51616664

TTGGGCCTAA ATAGCAGCTA TAAACATCTT CAGTAACTTG CCAGGCTCTA 51616614

GCATGTGGCA TGGAATTTTG GCATCTAGCT AAAATTCCTC AACCCATAGT 51616564

TAAGCTACTC CTCTTTCTCC TAAAAAAAAA AAAAAATGAG AGAATTAGGG 51616514

AAACACCAAA AGCAAAGAGA GCAGCTCTAT GTTCATTCAT GTCTGGAGAT 51616464

GAGCCAATTT GAGCACCACT GTAGGCCAAC TCTAAATTTA TTCAGATCGT 51616414

TAACATGGGT AACCCAGCAA ATATTTCCCA GCAGTGACAA TCTACACCCT 51616364

TTATCTAAAT AAATATTGAG ATGTGCTTTT TTCCTGTGTT AGTTCAAAGA 51616314

ATCTCTTCTT GCCTCCCATT GCTGATTTTC TGTATTGATG GACTCATTTC 51616264

TCTCAAGAGA TTGGACAAGC TAAAATTCTA GAGAGTTCAA AAGTGTTTGA 51616214

AAGTACATTT TAAGTGTTCT CACCACAAAA AATGCTAGTG TGTGAGGTGA 51616164

TACATATGTT AATTAGTTCA ACTGATCCAT TCCACAATGT ATACATATTT 51616114

CAAACTATCG AGTTGTACAT GATAAATATA TACAATTTTT ATTTGTCAAA 51616064

TAAAGAACAT CTATAAATAT TTATAGATTT CAAAATTGAG AAAGAAGTAT 51616014

ATATGGAGCC ACGGTTGTTT TGACCATTTC TCCATGCTTT TTGTTTGGGG 51615964

AGGGGGACAT TTTTTGGGGG GCAGGGACTG TGTTCAGGGA AAGTACCTGA 51615914

CCAACAGAAC TTCAAGTCTC TTCCAGAGTG CGAGACTCAG CTTATCTGAT 51615864

CAAGGTGAAC TTGCCCTTCA ATAGACTTGC CCTTGTTACT GCCCAGTGAG 51615814

GCCACCAAGG ACCAAGAACA GTTGAGCTCT CTCAGGGCCT TCCCCTTTCA 51615764

ACAATTTAGT TGAATGACTC CCTTCCATCT ATCAGTCTTA CTCCAAATAT 51615714

ATGAAATTAC TATACATTGA AATGCCTGCA AACTATATGC AAAAATGAGT 51615664

ATGAGGAAAT CAAATGTAAA TCATATGCAA ATATTATTCA ACCAAGCTTC 51615614

TATAAAATTG TACGTGTCAA TAACAGTAAA GAATTTTAAT TAATTCTGTC 51615564

ATTTAAAATT CATGCATTCC ATATTTTGCT TTCAGAACTT ATAGTCTATG 51615514

CCAATTTTGA AAAAACTATA AGCACAAGGA ATTAAATACT ATTGAGTATA 51615464

GAACTGTTGA TTTCAACATA CACTATAGCA CTTTGACTAA TTACAGATAT 51615414

ATTTGATAGA AAAGTCACAT TTCTACAAGG TAATTTTCAA AAAGAAATAA 51615364

AACATTTCTG TAAACTTAAA TGTGGATTAA GTGGCAGAAT ACAGAGATTT 51615314

GAATGTTTAC AAATAttctt ctagcatttg ttctttttat ttggtgattt 51615264

ctttgctcgg aacaatttag aacatttatt taatgcattt ttaggacttt 51615214

ctagatttta aggga