

1 ccacaaatgt gggagggcga taaccactcg tagaaagcgt gagaagttac tacaagcgg  
61 cctcccggcc accgtactgt tccgctccca gaagccccgg gcggcggaag tcgtcactct  
121 taagaagga cggggcccca cgctgocac ccgcggttt gctatggcga tgagcagcgg  
181 cggcagtggt ggcggcgtcc cggagcagga ggattccgtg ctgttccggc gcggcacagg  
241 ccaggtgagg tcgcagccag tgcagtctcc ctattagcgc tctcagcacc cttcttccgg  
301 cccaactctc cttccgcagc ctcgggacag catcaagtcg atccgctcac tggagtgtg  
361 gtccgcggtt ttctacgtct tttcccactc cgttccctgc gaaccacatc cgcaagctcc  
421 ttctctgagc agtttgggct ccttgatagc gttgagtga ggccctgccg cgacttggca  
481 gtagcttatt ttgttctact ctctctggct ggtgtggggg aggtgggggc attaggccag  
541 ggtgaagcag ggaaccact taggagtctg ttaagatgat ctgaacttca gaacaagatg  
601 ttattaacag agtgaaagta tttggattct gggatatatt tgaaatcggg ggcaacaggt  
661 ttttcagata gattcgataa cggaggttat cctgaatagt tgaaaagata aagttgcctt  
721 ttgctgaggt gggaaagaga agattgccag tagagcaggt ttctcaggag ttcagtcttg  
781 ggcatagcat ggtaggggtg aatttggctg gagtgagttg gagagtagga gaagagaaat  
841 ccaaggcaac atttgaccag cctgggcaac atagtgtgac tccgagtctg caaaaattag  
901 acgggtggtg tggtgcgctg ctgtggtctc agctacctgg aaggttcagg ccttggagg  
961 ctcagggagg tggaggctgc agtgatctgt gattgcgcct ctgcactcca gcctgggca  
1021 cagagccaga ccctgtctta aaacaaaata aacggccggg cgcggtggct caagcctgta  
1081 atcccagcac tttgggaggc cgaggcggcc ggatcacaaag gtcaggagat cgagaccatc  
1141 ctggctaaca cggtgaaacc ccgtctctac tacaataaca aaaattagc cgggcgtggt  
1201 gacgggcgcc tgtagtccca gctactcggg aggctgaggc aggagaatgt catgaagccg  
1261 ggaggcggag cttgcagtga gccgagatcg cgccactgca ctccagcctg ggcgatagag  
1321 caagactccg tctcaaataa ataaataaat aaataaataa ataataaaaa catcggtagg  
1381 catatttcaa ggaattctat ttaaaaaaaa tttttttaga gacaagttcg ctctctgtgg  
1441 cccaggctgg agtacagtgg catgatccta gcccatggca gcgttgatct cttggcctca  
1501 agcgaccctc ctttggagtc gctgggccta aaggagtgag ccaccacgaa attttattat  
1561 aatggaggg tagagaaatt gggcaataaa tggaggggga agtgagttaa gaggaattht  
1621 aattatgtgt gtgtggtttt aaaagagggg ggtcttgctc tgttgcccag gctgctggg  
1681 tgccagtggc gcaatcatga atcactacag ccttggactc ctggcctcaa gctatcctcc  
1741 cacctctgcc tcccaaagta ctgggattac tagtgtgagc cactgcacta agataggagc  
1801 aacatgtttc agcatgtttg tgggttgata ggaaagatga gaatgggaaa gttgatgtcg  
1861 gaaagaagac aatggctaga gcaatgtcct agagttagta agaagggatg gatttggcct  
1921 ttgttggaag cattagcggg tcttttgggt acagctatat agttaacaca tctatgatac  
1981 gtgaatggg agataggatg gcaggagatt ttgaaagttc tcttgattct tactgttctc  
2041 ttagtgaaag aagcaagggt atcagctaga agctgggatg ggagaggaaa gagaagatgg  
2101 gaagtagata gttctttaga agagtgggca agggttggac tagggaagt tagtggaat  
2161 attgctaggc aacataaaga gcctacttga gattcgtggt catgagttga aggagaccag  
2221 acagcaagat tgtgtatgag ggcaccaca gagtaaattg agagttgaaa ttaatgcagt  
2281 tgtgatttta ccacgtggat atgaagaagt gagggggaga agtacaagg agttctctta  
2341 atgattgacc atggaattta agctggctaa gaaaggaagt gagaggccgg gcgcggtggc  
2401 tcacgcctgt aatcccagca ctttgggaga ctgaggtggg tggattacct gaggtcagga  
2461 gtttgagacc aacctggccg atatggcgaa accccatctc taataaaaat acagaaaat  
2521 tagccgggaa tgggtggcagg tgccctgtaat cccagctact caagaggctg tggcaggagt  
2581 atcccttggg cccaggaggt ggaggttgcg gtgagccgag atcacgccac tgtactccag  
2641 cctggacgat atagtgagac ttcacctcaa aaaaaaaaaa aaaagaaagg aagtgaggat

2701 ttttaagacc tgagagacag ttttaaaaagt gggaggatcg gccgggcgct gtggctgaca  
2761 cctgtaatcc cagcactttg ggaggccgag ttgggcagat cacaagggtca ggagttcgag  
2821 accagcctgg ccaatatggg gaaaccttgt ctctactaaa aatacaaaaa ttagccgggc  
2881 atggtgtcac gtgtctataa tcccagctac tccggaggct gaggcagaaa aattgcttga  
2941 acctgggagg cagaggttgc agacagctga gatcactcca ttgactcca gcctgggcaa  
3001 caagagcaaa actttgtctt taaaaaaaaa aaaaaaaaaa gaatacaaaa attagccggg  
3061 cgtggtggcg cgtgcctata atcccagcta cttgggaggc tgaggcagga gaatcagttg  
3121 aacacgggag gcgaggtttg cagtgagccg agattgcgcc actgactcc agcctgggcg  
3181 acagagcagg actcctcttg gaaaaaaaaa attagctggg catggtggca ggtgcctgta  
3241 gtctcagcta ctagggaggc tgaggcagga aaatcacttg aaccgggat gtggagttt  
3301 cagtgacccg agatcgtgcc actgtactcc atcctgggcg acaaatgag actctgcctc  
3361 aaaaaaaaaa aaaaaaaaaa aaaaagtggg aggatcaatg tactgccagt cctaataag  
3421 tggaatgatt gtccccatca aatcactagt aggagtaagt tgcagagcct agaaggtgat  
3481 ggtaagaga gtgggattct tgaaactgca tttatggaga gttgtgggtt attggttata  
3541 ataaataaat acagttgaag tgagtgagta gctgagattt ggggatgtat cagttcattc  
3601 ttactactgct acaagacat acctgagacc aggtatztat aaagataaga ggtttaatca  
3661 gctcacagtt ctgctgcctg tacaggcttc tcttgtggag gcctaaggaa acttacagtc  
3721 atggtggaag gtgaagggga aacaagcaca gtcttcacat ggccagcagg agagagagag  
3781 aagggggaag tgctacatac tttaaaacaa ccagatcttg tgagaacgct tatcaggaaa  
3841 cagcacttgg ggatggtgct aaatcattag aaatcacccc catgatccag tcgcctccta  
3901 ccatgcccac ctccaacact ggggatcaca attcagcatg agatttgggt aggaacacag  
3961 agctgcacca catcagagga tgtacaagat tgtggtggag aggagttag agacctgcaa  
4021 atatagggta attgaaggga tcatctacat ggatatttaa atcaccaaaa attatgacag  
4081 gagtagtgtt ggagagagaa ctgcatgta aacattaagg aatgaggaag agtgactcgg  
4141 taggctgtag gtgactgcaa taggaacga taatagactg tgagtctggt gacaagattt  
4201 tccttctttc tttttttccc ccccccgag acagggcctc tttttgttgc ccaggtggga  
4261 gtgcagtggc gcgatcacgg ctactacaa cctcctcca agctcaaggg attctccac  
4321 ttcagcctct caagtagctg gaactacagg tgctgaccac catgcctggc tactttttgt  
4381 caggattttc aaggctggga attttgagag gggaatggag gagaataatc tgaaagtgca  
4441 agtaaggagc agggaagatt tcttttttct tttttttttt tttttttgag tcggagtctg  
4501 gctcagtcgc ccaggctgga gtgcagtggc gagatctccg ctactgcaa gctccgcctc  
4561 ccgtgttcac gccattctcc tccttcagcc tcccagtag ctgggactac aggcgccgc  
4621 caccacgcc agctaattgt ttttttgat ttttagtaga gacggggtt caccgtgta  
4681 gccaggatgg tctcaatctc ctgactttgt gatccgccca cccggcctc ccaaagcgct  
4741 tgggattaca ggcgtgagcc accgcgccag ccagagcagg gaagatttct tccccacatc  
4801 tccagtaggt acagtgatat gaagtgtgtg gaggagaaaa gaggaaacat ctatcatttg  
4861 agatggctgc gaaaggaaaa ggcacctca gggagctaga ttttacttag agcaagaaat  
4921 gaagggatga ttcagagggt aaaagagtgg attttatgaa ttactcaagg gagcacagtg  
4981 gaagtttcag gaagtggtag gagaaggtag aagatggcag ggtgttggga ataatttgag  
5041 aaatctgagc tactggaaat gactgagaat cagatataaa ggcagtcctg gtggtccgtt  
5101 ctggctgccg ttgctgtgta acgaatctgc caaacttag tggcttgaac caacaagaa  
5161 cattttatta tctctcattg tttctgtggg ttaggaattt gtgagagccg tgctgggcag  
5221 ttttcgtgcg gctgtctcgt ggttgcacct acatagttgc tagagctaca gtagctgggg  
5281 actgagcagc tagggattgg caggctatct ctttttttca tgtagtctca tgaagatttc  
5341 tttatgtggt ttcaatgtgt gggctgggtt ggatttcctt atagcatggt gccctcagtt

5401 ggattgctgt tttgtgatcc ttttcatccc tccttgctct gtccccagac aaccactgat  
5461 ctactttctg tcaccataga ttagcctgca tttttaagaa tttttataaa cgtggaatga  
5521 tagagtacct tttttgtcac gtttctttta tttatcatag ctattttgat tttcatccat  
5581 tttattgctg agtagtatcc cattgcatgt atatactata ctgtattcat tcgcttgctt  
5641 gtgaacattt gggctttttc cagtttgga ctgttaacaa gtagagccac tatgaatatt  
5701 agtgtataag acttcatata gcccaaggctg gcagatcgct tgagcccagg agtttgagac  
5761 cagcctggga aacatgggta aacctctatt tttattttta aatcaaaaat taaaaatttt  
5821 ctataaaaaa ttttaagaa gactttgtat agacatacgc tttcattttt cttgagtgaa  
5881 tacttaggtc tcagggtaga tgtattttta gtctttaagg agctgtcaaa ctcttctca  
5941 aagtgggtgt tgtaccatgt tactttttta tataacagag attaattgag caaagaaaaa  
6001 ttcaaaagt ggacagcccc cacaactaaa taggttcaga acagctcccc cattttgcat  
6061 tttgaccagc aatgtatgaa agttccattt gctcagtgct cctgcaaaca cctgggatgg  
6121 tcagtctttt taatttttagg cattataata gatatagtgg cttcttgatga ttttaattag  
6181 catttcctaa tgaccagtgc tgcgtttgat catttcatga gtgtatttgc catccgtata  
6241 tcttttttgg tgaagtgtct attcaaatca tttgggtttt tttttttttt gttttttttt  
6301 tttggagaca gtgtctcact ctgtcaccca ggctgtgtg cagtggtgca atcacacagc  
6361 ctactgcagc ctccacctcc tgcgctcagt cttcttgtct cagccttctg agtagctgaa  
6421 attacgagca cacgccacaa tgcctggcta attttttaa atttttaga aacaaggctt  
6481 cattatgttg cctgggcttg tcgtgaactc ctgggctcaa gcaatcttc tgcctcagcc  
6541 tcccaaagat tgggattgca agtatgagcc actgcaccgc gccaaacttac ccatctttta  
6601 attgaatttt tttgttgttg aggtttgaga gttcttcatg tttgctgggt acaatatctt  
6661 tatcagatag gtaacttgca tgtattttct cccggtttac actttggttt ttcattttgt  
6721 taacaacgct tttttaagaa cagaaaatct taattttgct gaaatctaata ttttcagttt  
6781 tttctttgat ggttttgaga gaggaggtaa aaaaagacta ggtaagccga tagttagaca  
6841 gagtcctcgg tagaacttcc cttctaacaa aaagcagccc aagaaatcac ttctcttcta  
6901 acaaggagca gcctggaaga tcgggctgta aacatgtata aggaagcagc tctggcacag  
6961 agggggagct tcctgggtaa tcagcaagct tcacatacgt aagggtgggta tgtgaagtaa  
7021 acacagtatg tgaagtaaac acagtggacc ttagtacata ctcagataag gaagctggaa  
7081 gcttgcatgt tgtgagttgt tggggttgcc tgcagctgca cggagagaaa ggggtacctg  
7141 gggccaggca tgtccaccat ggtggctcca cctcccctta tttagcacat gcacaatagg  
7201 aaagagataa gcaatgtgga gtagctcagg ccaaggacct gcctgcataa taaaaggttg  
7261 ggggtggggga tgccagagat tcacgctctg tgcagatggc aacacctggt cctaactggt  
7321 tttttgctcc ctatgtgtag ataagctacc cccttcccat tagctcattt ataaaaatgc  
7381 ttgcatttca ctgtggaatg ggaactctt tcaggacctc tctctgcagg agagagctag  
7441 tctctttctt ttgcctatta aacttctgct ctagcctcac acccttgggtg tgtcagcgtc  
7501 cttgatttcc tcagcgtgag accaagaacc tcgggtgcca ccccaggcaa caaggccatt  
7561 tcagtttgtt cttttgttat aggcaatcca tgatcacaga tttttctctc tttttttttt  
7621 ttacacagtt tagagtttta gttttacact taggtctgta atccattttg tattaattct  
7681 tatatgtggc tcagtgtagg tggaaatttg gtttgttttt gcataaggat ttccaatagt  
7741 tttaccacca tttcttgaaa ctactatgct ttctctatta aaccacattt gtaactttag  
7801 ttaaaatcag tcacatatat cacagggcta tttctgactc tcaattctgt tacattgtct  
7861 attagtgtat attgatgtca gtactacact ttttaattact attgcttcag ggtatgtctt  
7921 gtaaaccaaa aataaaatta taggcccccc ccgcccctgc acaaccaact gaatggacc  
7981 atcctctcag ccaaggcat tccaaaatta acctgaaaaa ctagttcaag ccatgatggg  
8041 aagggggagt tggacatgtc tcatcacacc ctactacct ttggaattac tgatagaaca

8101 gactcttaaa gtctgaaaag aacattttac aacctaccct ctctgaagcc tgctacctgg  
8161 gagcttcatc tgcatgataa aaccttggtc tccacaaccc cttatggtaa cccaacatt  
8221 cctttctggt gataataact ctttcaacta gttgccaatt agaaaatctt taaatcttcc  
8281 tatgacctag aaacctccct acccccactt tgagttgtcc tgcctttcct gacagaactc  
8341 atgtacatct tacatatatt gattgatgcc tcatgtctcc ctaaaatgta taaaacaag  
8401 ctgtacccca ccaccttggg gacatgtcat caggacctcc tgtggctgtg tcataggagc  
8461 gtctttaact ttggcaaaat aaactttcta aattgattga aacctgtcct agctacttct  
8521 ggtttacagt cttaaagtta gataatgtaa attgtccagc tttggtttat ttttgcctt  
8581 agtagttcca tataaatttt agaatcagct tttcaattta atacactact ttcctcttag  
8641 atccacaatt aatatatatt gatgctaaca attctgtttt atgtttttcg ttttttttt  
8701 ttgagacaag agtttcgctc ttgttgccca ggctggagtg cagtggcgcg atcttggtc  
8761 accacaacct ccacctccca ggttcaagca attcttctgc ctcagcctcc cgagtagctg  
8821 ggattacagg catgcgccac cacgcccggc taattttgta tttttagtag agacggggtt  
8881 tcaccatgtt gatcaggctg gtcttgaact cctgacctca ggtgatccac ccacctcggc  
8941 ctcccaaagt gttgggatta caggcgtgaa ccaccatgcc tggccagttc tgttattttt  
9001 aaaacccaag tttccctggt catatcttgg ttggatgaag cgtattttca atagattacc  
9061 ctggaaaggc tagtgagtac ggtattcttc tacattttag acttttctta gtcttgctac  
9121 ttcaaggaca gctaggctgc atataaaatt cttggctcat actttttccc cataaatttc  
9181 tatgagaaaag tctaatgata actgattttc tttattttgt aacttagtct ttttgcttag  
9241 aggctctctg aggatgggag ggggttcttc ctcccatccc taggaatttt tctttttttt  
9301 aaattcctaa tcaactagacc accaggaaga ttgtttgttt tgttttgttt ttattcttca  
9361 gggaccccat ttatacatac gttaaataaa tactgtttgc caatgtatca accattttgc  
9421 ttcttattta tttttgttcc tttggttctt tttcatggct ttgctttggg gctccttaga  
9481 ttttcagtca gatgtatttg tccttgggta ccttghtaat agtattacct tttcttctgt  
9541 cgctttgttt tctgttcggt ttgaaattac ttgtttcctg gtctggcaat aacagttgag  
9601 atatgaggag tttgagctgc catctgtcta tgtatcttgc ttaagactg cactcttcta  
9661 ttgatatac tggccttgat tttgtgattt ctttatttct tcaggaccac ccttcatttt  
9721 ctactgtttg cttccttttt ttttgagatg gagtctcact ctgtcactca ggctggagtg  
9781 cagtgatctt ggctcattgc aacctctgcc tcccgggttc cagcaattct cctgcctcag  
9841 cctcccaagt atctgggact acaggtgtgc accaccatgc cgggctaagt tttgtatttt  
9901 taatagagac ggggttttgc cacattggca ggctggtctc aaactcctga tgtcaagtga  
9961 tccaccacc ccaccacct ctgcatccca aagtgtggtg attacaggaa tgagctgccg  
10021 tgcccagcct cccccctacc cccctttttt tctttcgaga cagagattat aggtgtgagc  
10081 cactggacc agcctgtttt tattcctttt accaaatctc caaggaatat cttcccttcc  
10141 aagtgcgaat gtaaccttaa gtcagttaac ctctttgtga ttacttttct tatctgcaa  
10201 gtgacttaat gatcttaagt actttttttt tttgagacag ggtctcactg tcaccctggc  
10261 tggagtgcag tggcacgatc tctgatctcc actcactgca atctcctctt ccctggttca  
10321 agcggccctc ccaccttagc cttctgggta gctgggacta cagatgtgaa ccaccagcc  
10381 cagctaattt ttgtactttt tgtagagatg gggttttgcc atgttgccca ggctgggatt  
10441 attaagtact ttttatcata cagcaagatt gacattttat attggaatac atttgtctct  
10501 atataacgga gattaacagg aaaatgacaa gcctgggtgc ggtggctcat gcctgtaatc  
10561 ccagcacttt gggaggctga ggtgggagga tcaactgagg tcaggagttc gagaccagtt  
10621 ttgccaagat gatgaaagcc catgtctact aaaaatacaa aaattagccc agcttgatgg  
10681 tgggogccta taatcccagc tatttgagag actgaggcag gagaatcact tgaacctggg  
10741 cggcagaggt tgcagtgagc cgagatcatg ccaactgcact ccagcctggg tggcatagcg

10801 agactcttgt ctcaagagaa aacaaaacaa aacaaaaaaa aaacaggaaa atgacaaaaa  
10861 gtaatattac aactcagtga attttataac aaactttttt ggaattcatt gactaatact  
10921 ataccaaatc caaaatactc tctagtatac caaatccaac tctaccctat agtataaatt  
10981 ggattctatt tggacttgtc tcaactaatcc ctcatacagt gtgttttatt ttttattgaa  
11041 gtaaaaaaat ttgtcatttt aaccattttt aagtatatag ttcagtaata ttaagtatgt  
11101 tcatgttggt gcgcaataga tcttcggaag tttttcgtct tgcaacctga aactctacc  
11161 attagcaaat tcccatttct ccttacactt agcccttggg aatcatcatt cttttttttt  
11221 tttttttgag atggagtttt actcttggtg cccaggctgg agtgcaatgg tgcaatctcg  
11281 actcaccaca acctccgcct cccagggtca agcaattcta cctcagcctc ccgagtagct  
11341 gggattacag tcatgcacca ccacgcccg gctaattttgt attttttagta gagaaggggt  
11401 ttctccatgt tgaggctggg ctcgaactcc tgacctcagg tgatctgcc acctcggcct  
11461 cccaaagtgc tgggattaca ggcgtgagcc actgcgcctg gccattctt tctaattcta  
11521 taaatttgac tacttagtta ccttacataa ataaattctt atagttagtg ttatttttgc  
11581 ttccatgcct tttttgttgt tgttcatgct cttacttggg atgcgttcta ttttgtctac  
11641 ctatgcacat cctggtgggt tttttttttt tttgggggtt ttttttgttt ttttttgttt  
11701 ttttttccca gacaaggctt caatttgtta cccaggctgg agtgacagcg cgccatctcc  
11761 actcactgca tcctcaactt cctgggcca ggtgatcctc tcgcctcagc ccctgcaggt  
11821 agctgggact ataggcatgt gccaccatgc ccagctaaat ttggtttttt tgtttgtttg  
11881 tttttgagac agagtctcac tctgtcacc aggctggagt gcagtggcac aatctcagct  
11941 cactgcaatc tctgccgcc gggttcaagt gattctcctg cctcagcctc ccaagcagct  
12001 gggattacag gtgactgcca ccacgccagc taagttttgt agtttttagta gagatgggggt  
12061 ttcaccttgt tggccatgct ggtctcgaac tcctgacctc gtgatctgcc tgcttctgcc  
12121 tcccaaagtg ctggaattac aggcatgagc caccacgcc gccagaatt tttgtatttt  
12181 tagtagacac aaggttctta ccctgttgcc taggctggtc tgggaagcct ggactcaagc  
12241 aattcacctg ccttggcctc caaaatgct gggattacaa gccaccatgc ccggcctaaa  
12301 tcctgttggt ttgttttggt ttattttggt ttgttttggt ttgttttggt tttgagacag  
12361 agtctcgcta tgtctctcag gctgtagtgc agtggcgcga tcttggctca ctgccacctc  
12421 tgctcccag gttcaagtga ttctcctgcc tcagcctccc aagtagctgg gattacaggc  
12481 atgtgctact atgtccggct aatttttgta ttttttagtag agacaggggt tcaccatggt  
12541 ggccaggctg gtctcgaact cctgacctcg tgatccacc acctcggcca cccaaagtgc  
12601 tgggattaca ggcgtgagtg gtttttattt cttaggccgg tttcctccat atgatcttgc  
12661 agtagacatt aatttctttc ctttttaatt aaaatactgt ttgtatttca cattttgatg  
12721 tttgttaaga tttgttttat attgtttttt gttttgtctt gtgtgatagt cttaaatccc  
12781 tagttagata ataactggag agtaccatgt ttctatata ctctcagtga cttgcacagt  
12841 gctagcagat agtgctaaaa aattatttat tattattatt attttgttat tgttgttgtt  
12901 gttgttagac agggctcttc tctgtcacc aggctagagg gcaatgggat gatcatagct  
12961 tactgcagcc tccaacaact gggctcatgt aattctcctg cctcagcttc ccaagtagct  
13021 gggattacag gcatgagcca ccatgtctgg acaaaaatat ttcagggtgc agtggctcat  
13081 gcctgtaatt cccacacttg ggaggccgag cgaggctgga ggatcacttg agcctaggag  
13141 ttcaagacca gcttggctaa gatggcgaga ccccgctcct acaaaaaatt ttaaaaacta  
13201 gccaggcatg gtggcatgca cctatattcc caactactca gtgggctgag gtgggagggt  
13261 catttgaaca caggaatttg aggggagaaa aaaagaagag agaaagagaa gtgaaggaag  
13321 gaagaaagga aggagggagg gagagaagaa agaaacgaaa gaaaggaaaa gaaaaggaag  
13381 gaaagaaat tggtagcagg aaagcaggaa agggaaatgg aagtaaaaaa ataataataa  
13441 taataaaatg aaaattgggt agtcactatt aacaatttgt atccttataa tctggaaca

13501 ttataatttc aaaagaaaa atattctttg gatcataggt tctgagggtca gaacagcatt  
13561 cccgtagtct agatgaagtc aagttttatc tgatcttaat tgaaataaat atagctggcc  
13621 ttgaacaaat ctactcatgg tatgtggata ggaattaaat tgtaggggca ttcacttgat  
13681 ggcattcatt cttagaacat ttacctatgt ctagcttttg gagtaaagtc acataacctc  
13741 taaccaggta agtttcctgt ggctttattht aggattttaa atactcattt tcagtgtaat  
13801 tttgttatgt gtggattaag atgactcttg gtactaacat acattttctg attaaccta  
13861 tctgaacatg agttgttttt atttcttacc ctttccagag cgatgattct gacatttggg  
13921 atgatacagc actgataaaa gcatatgata aagctgtggc ttcatttaag gtatgaaatg  
13981 cttgcttagt cgttttctta ttttctcgtt attcatttgg aaaggaattg ataacatacg  
14041 ataaagtgtt aaagtacatg ttattcagtt ttcattttga agattagatg gtagtatgag  
14101 ttagttaaht caggtgatat cctcctttag aagttgatag cctatatatg tcatcctttg  
14161 tggaggcaat ttaaataaaa tttaaaacat ttattcctgg ctgggtatgg tggctcactc  
14221 ctgtaatccc agcactttga gaggctgagg cgggtggatc acctgaggtc aggagtttga  
14281 gaccagcctg gccaacatgg tgaaaccccg tctttactaa aatacaaaa attagccaag  
14341 catggtggca cgtgcctgta atcccagctg cttgggacac tgaggcagga gaattgcttg  
14401 aacctggggg gcagaggttg caatgattgc accactgcac tccagcctgg gcgatagagt  
14461 gagactccat ctcaaaaaac gaacaaacaa tgtattcctt ttagtatttt tacattgtat  
14521 caaactatgg aagtcctcta attgagatta ataagaaaa gacaatctga attataattt  
14581 taaacattta acaagcatgt agtaaaataa tgatgaagat aatagcatt agtacagcaa  
14641 ttaatatttg tagcatgctg acagtgctct gtgtgctgtt catatattaa attactctaa  
14701 tcatcccaaa tcctgtaagt tgggtatcaa ttcaagtgtt cctattgggt aggaatatac  
14761 agttctttta ggaaatgtag tatggttctg tgtctcaaac aggacactta cacagttggc  
14821 caacatcatc accttctcca ttctctgaga tgtttagtct tactgagcac taaatatggg  
14881 tcatcaatag tccagactac cttgagcaaa caatagtcca gactacctg agcaaacaga  
14941 gcatatactc atacagtgta taaagagcac caagcataca gatttcatgt ctttctcata  
15001 gttactcttg taacatgagc taaagatcag acctctatgt cacctttgta actgatttct  
15061 agattttttt ttttttttga gatggggtct tgccctgtca cccaggctgg agtgtagtgg  
15121 cgtgatcatg cctcattgga gccttcaact catgagctca aacaatcctc ctacctcagc  
15181 ttcctgagta gttgggacca caggtgtgtg ccaccacacc cagctcattt ttgtattctt  
15241 tgtagagatg cagtctcacc ctggtgcca cgctggcctg gaactcctga gctcaaaaga  
15301 tccctccgcc ttgaccttcc aaagtgctgg gattacaagc atgaaccact gcacccggcc  
15361 tagattttta aatgtgcttt ccagtataca ctgaaactag aagtcgacta aagaattacc  
15421 aagagaattc tataaaatag agattgaaat ggggctcgat gtgggatggg ttggtgatht  
15481 tgcagggaga agtaatctga gtaaaggagg aaaagaactg atttgggaaa acgatagttt  
15541 tagtagtgag tttgagtatg aattaagttg agattgaatt tgaattaagt tgaggttgaa  
15601 tatgaattaa gttgaggttg agtttgaggt atgaattaa atgtgaaatt gatcattgga  
15661 aatgttagat tgagaaaagt cacagctgga ttaatagctt cagaagtgtg tttgcagaca  
15721 gttgcaacta aagtaataag aatagatggc cttggccggg cgcggtggct cacgcctgta  
15781 atcccagtac tttgggaggc tgaggcgagc aaatcacgag gtcaggagtt caagaccagc  
15841 ctggcccaca tggtgaaacc ccgtctttat taaaaataca aaaattagct gtgcacagtg  
15901 gtgcacgcct gtaatcccag ctactcggga ggctgagaca ggagaatcgc ttgaacctgg  
15961 gaggtggagg ttgcagtgag ctgagatcag tgtgactgca ctccagcccg gtgacagagt  
16021 gagactctgt gtaaaaaaat aaaataaata aaataatggc cgtaagcaag taaagaagga  
16081 tggccagctc ttattgggaa tgccataatc taaggcttga tcagaagtaa tgaaaccggt  
16141 ggggccctac attgctatga catccaaagg gccatgaata tcaggaagaa agataattaa

16201 caggggtctaa tgttacagag agggtgagag caaggagatt tgattaaaag ggtctttaga  
16261 gctgatgtca ggtgtatgat gcctttaaga gcagttttta tagtgcaggg ggtgggtcaaa  
16321 agagaaaata ggtgctttct gaggtgacgg agccttgaga cttagcttata gtagtaactg  
16381 ggttatgtcg tgacttttat tctgtgcacc accctgtaac atgtacattt ttattcctat  
16441 tttcgtagca tgctctaaag aatgggtgaca tttgtgaaac ttcgggtaaa ccaaaaacca  
16501 cacctaaaag aaaacctgct aagaagaata aaagccaaaa gaagaatact gcagcttcct  
16561 tacaacaggt tatttttaaaa tgttgagatt taacttcaaa ggatgtctca ttagtcctta  
16621 tttaatatgtg taaaatgtct ttaacttaag tgattagtag agtgtttcta ttgacatata  
16681 cttatacaac ttcaaaaaca actattaat tttctgttat ttaggaacat gcatattagt  
16741 catgaaagta taaagaatta gatgggaatg ataaatgcta aatcaggac atgtgttcca  
16801 tttgtgaatg gaaggcaggg agaagggtgcc gtttggaagg agtacccaag agccgtaagc  
16861 tgaattggca gtgttttaca tcttaagctg agagatagat ttttttttcc cctttttctt  
16921 taaaaactct aaaactgtta attccaagga acccagaagt ctaggtagat tatttctgct  
16981 agttaaagc agtagtctctg aaagctgaat attttggtgt cttttgagcc aactttagtt  
17041 tcatcattac caagggggaa gagagctaac agttgatgag cacttgctct aggccagtcc  
17101 agagtgtctgg gcaccatacg cattttatct ccctcccgtt attcacaaca aatatgggag  
17161 gtagtttata ttatagccat ctaataagat ggggaaacta agactcaag agattcagaa  
17221 acttgtccat gattataaat gtaagagagt tggaaattcag atttatgtat ttagaccca  
17281 agcctttctc attacatcat tttgccttcc aaatctctac cctctatcct tcacctccc  
17341 actgatcaaa acgagatgat agtttgccct cttcaaaaga aatgtgtgca tgtatatac  
17401 tttgatttct tttgtagtgg aaagttgggg acaaatgttc tgccatttgg tcagaagacg  
17461 gttgcattta ccagctacc attgcttcaa ttgattttaa gagagaaacc tgtgttggg  
17521 tttacactgg atatggaaat agagaggagc aaaatctgtc cgatctactt tccccaatct  
17581 gtgaagtagc taataatata gaacaaaatg ctcaagaggt aaggatacaa aaaaaaaaa  
17641 attcaatttc tggaagcaga gactagatga gaaactgtta aacagtatac acagttgtca  
17701 gtttgatcca ccgaggcatt aattttttct taatcacacc cttatacaa aaacctgcat  
17761 attttttctt tttaaagaat gaaaatgaaa gccaaagtttc aacagatgaa agtgagaact  
17821 ccaggtctcc tggaaataaa tcagataaca tcaagcccaa atctgctcca tggaaactctt  
17881 ttctccctcc accaccccc atgccagggc caagactggg accaggaaag gtaaaccttc  
17941 tatgaaagtt ttccagaaaa tagttaatgt cgggacattt aacctctctg ttaactaatt  
18001 tgtagctctc ccatgaaact tttgtagctt aaatacacia gaattttttg aaaaggaaat  
18061 aagataatga tgcaaaatag ttaatttttt aaaaaaatgt tagacactgc agtggatgca  
18121 acaaaatact ttatatgaaa gatttatcca gttaactttt gtggagtatt aggtattaga  
18181 ctaataatta gcacacttac ttaagttaga aagtataata atgcgccgga cgcggtagct  
18241 cacgcctgta atcccagcac tttggggaggc caagggtgggc ggatcacaag gtcaggagat  
18301 cgagaccatc ctgggtaaca cggtgaaacc ccactctctac tgaaaataca aaaaaatttg  
18361 ccgggctgta tggcgggcac ctgtagtccc agctactcgg gaggctgagg caggaggatg  
18421 gtgtgaacc cggaggcaga gcttgcagtg agtcaagatc gtgccactgc actccaacct  
18481 gggcgacaga atgagactcc atctcaaa aaaaaacaaa acaaaacaaa aaaaagtgt  
18541 ataataattt atcattagct ggatgatatg ctgtttgttt ccatgtcacc tgtataagat  
18601 atgtaaaata agaacacatt atttacatct aatatagata aatcctgag gcgctctcag  
18661 attgttttgt agagttcaaa tgtaaataat gttttcattt atggctcctt tgggtataag  
18721 taacagaaat caactctaaa aagattttta ttataggtta gattatgtca tggaaacctta  
18781 aggcttgtcc ctttctagtt cttttgtgta aagcgggtgat ttcttccatg gagggaatgg  
18841 tatttaggca attttttttt tttttcgaga tggagtcttg ctctgtcgtc caggctggag

18901 tgcagtggca ccatttcagc tcaactgcaac tccacctcc tgggttcaag tgattctcct  
18961 gcttcagcct cccaagtagc tgagattaca ggcacccgcc accacacccg gcttattttg  
19021 tatttttagt agagatggg tttcacctag ttggccaggc tggcttgaa ctctgacct  
19081 caagtgatct cccaccttg gccttccaaa gtgctaggat tacaggcgcc tagcctaggc  
19141 agtcattttc aaaaaacaag catgactcac caaagtttt aagattttct gtgataatgt  
19201 tcttattgag gcttacatta tattacagtt tcttgaatct aaaatgatgt accctcttag  
19261 gatataata tcatgcttca ttggtctcag ggggctgatt tttataagga gagatttgct  
19321 agttttcaca atatgtctc taagttggca tgtatagcta aacaggcttt cataaaaata  
19381 tacaatttag ttaatgaaat ttgggatata gtcttttatg attgaaataa ttttgctaaa  
19441 tagactgtct ctgatttatt aggtaatcac cactcttatt ttgttttact tccttaatgt  
19501 ctacatagaa aggaaatgag aaaaatccag aggttgctat ttgacttatg agtctgtttg  
19561 acttcaggat ttggtacatg aaatttcact taatcttttt gatatgtata aaacaaatat  
19621 tctgggtaat tatttttatc cttttggttt tgagtccttt ttattcctat catattgaaa  
19681 ttggtaagt aattttcctt tgaatatatt cttatagcca ggtctaaaat tcaatggccc  
19741 accaccgcca ccgccaccac caccaccca cttactatca tgctggctgc ctccatttcc  
19801 ttctggacca ccagtaagta aaaaagagta taggttagat tttgctttca catacaattt  
19861 gataattagc agaatagagg attgtaaaat gtcattgtag aacatccctt gggccagatt  
19921 ctaatgggta gaaatttgaa ctaaacctct gggttttggt tgtttttaat gcctttctgt  
19981 taccagatg cagtgtctct gtagtcccaa gtctaagctc taggttgctt tctttcctgg  
20041 cagaagtgg tgtctatgcc ataaggaggt agttcctggt agaagggatt taattatacc  
20101 ttatataagg aattagtggt tgccttcta ggtatagttg gatgtagct tctgatgtaa  
20161 actggatttc tttttcttct tctctctttt tttttttttg ttttgaggc agagttttgc  
20221 ccttgtagcc caggctggag tgcagtggg tgatctcagc tcacagcaac ctccgcctcc  
20281 tgggttcaag caattctgcc tcggcctccc aagtagctgg gattacaggc gactgccacc  
20341 acaccggct aatttttggt ttattagtag agatgggggt tcacatggt ggccagactg  
20401 atcttgaact cctgacctca ggtgatccac ccgcctggc ctcccaaagc gctgggatta  
20461 caggcgtgag ctgccgcacc cagctgtaaa ctggatttct aatggtagat ttttaggtat  
20521 taacaataga taaaaagata ctttttggca tactgtgtat tgggatggg ttagaacagg  
20581 tgttctacc aagacattta cttaaaatcg ccctcgaaat gctatgtgag ctgtgtgtgt  
20641 gtgtgtgtgt gtgtgtgtgt attaaggaaa agcatgaaag tatttatgct tgattttttt  
20701 tttttactca tagcttcata gtggaacaga tacatagtct aaatcaaaat gtttaaactt  
20761 tttatgtcac ttgctgtctt ttcgtcctcg ttaaatttaa ttttgttggt cttttggtgt  
20821 tattggttg ttttctcaa atgctagcta tgtaagaaa ttaaggcca ggtacagtgg  
20881 ctcatgcctg taatcccggc attttagaag gctgaggcag gaggatcact tgagctcagg  
20941 agtttgagac cagtctgggc aacatagcaa gacctcgtct ttgtttagg gaaaaaaaag  
21001 aaatttaagt aggagattat ataagcaaaa atacaattaa tttccagcat tcactatata  
21061 atataaatct ccgacttta cttttttggt tactggatat aaacaatatc ttttctgtc  
21121 tccagataat tccccacca cctcccatat gtccagattc tcttgatgat gctgatgctt  
21181 tgggaagtat gttaatttca tggtagatga gtggctatca tactggctat tatatggtaa  
21241 gtaatcactc agcatctttt cctgacaatt tttttgtagt tatgtgactt tgttttgtaa  
21301 atttataaaa tactacttgc ttctctcttt atattactaa aaaataaaaa taaaaaata  
21361 caactgtctg aggcttaaat tactcttgca ttgtccctaa gtataatttt agttaatttt  
21421 aaaaagcttt catgctattg ttagattatt ttgattatac acttttgaat tgaaattata  
21481 ctttttctaa ataatgtttt aatctctgat ttgaaattga ttgtagggaa tggaaaagat  
21541 gggataattt ttcataaatg aaaaatgaaa ttcttttttt tttttttttt tttttgagac

21601 ggagtcttgc tctgttgcc aggctggagt gcaatggcgt gatcttggct cacagcaagc  
21661 tctgccttct ggattcacgc cattctcctg cctcagcctc agaggtagct gggactacag  
21721 gtgcctgcca ccacgcctgt ctaatttttt gtattttttt gtaaagacag ggtttactg  
21781 tgtagccag gatggtctca atctcctgac cccgtgatcc accgcctcg gcctccaag  
21841 agaaatgaaa tttttttaat gcacaaagat ctggggtaat gtgtaccaca ttgaacctg  
21901 gggagtatgg cttcaaactt gtcactttat acgttagtct cctacggaca tgttctattg  
21961 tatttttagtc agaacattta aaattathtt attttatttt attttttttt tttttttgag  
22021 acggagtctc gctctgtcac ccaggctgga gtacagtggc gcagtctcgg ctactgcaa  
22081 gctccgcctc ccgggttcac gccattctcc tgcctcagcc tctccgagta gctgggacta  
22141 caggcgcccg ccaccacgcc cggctaattt ttttttattt ttagtagaga cggggtttca  
22201 ccgtggtctc aatctcctga cctcgtgatc caccgcctc ggcctcccaa agtgctggga  
22261 ttacaagcgt gagccaccgc gcccggccta aaattathtt taaaagtaag ctcttgtgcc  
22321 ctgctaaaat tatgatgtga tattgtaggc acttgtatht ttagtaaatt aatatagaag  
22381 aaacaactga cttaaagggtg tatgttttta aatgtatcat ctgtgtgtgc cccattaat  
22441 attcttattt aaaagttaag gccagacatg gtggcttaca actgtaatcc caacagtttg  
22501 tgaggccgag gcaggcagat cacttgaggt caggagtttg agaccagcct ggccaacatg  
22561 atgaaacctt gtcttacta aaaataccaa aaaaaattta gccaggcatg gtggcacatg  
22621 cctgtaatcc gagctacttg ggaggctgtg gcaggaaaat tgctttaatc tgggaggcag  
22681 aggttgagcgt gagttgagat tgtgccactg cactccacc tgggtgacag agtgagattc  
22741 catctcaaaa aaagaaaag gcctggcacg gtggctcaca cctataatcc cagtactttg  
22801 ggaggtagag gcagggtgat cacttgaggt taggagttca ggaccagcct ggccaacatg  
22861 gtgactactc ctttctact aaatacacia aacttagccc agtggcgggc agttgtaatc  
22921 ccagctactt gagaggttga ggcaggagaa tcacttgaac ctgggaggca gaggttgag  
22981 tgagccgaga tcacaccgct gcactctagc ctggccaaca gagtgagaat ttgpcggagg  
23041 aaaaaaaagt cacgcttcag ttgttgtagt ataaccttgg tatattgtat gtatcatgaa  
23101 ttcctcattt taatgaccaa aaagtaataa atcaacagct tgtaatttgt tttgagatca  
23161 gttatctgac tgtaacactg taggcttttg tgttttttaa attatgaaat atttgaaaa  
23221 aatacataat gtatatataa agtattggta taatttatgt tctaaataac tttcttgaga  
23281 aataattcac atgggtgtgca gtttaccttt gaaagtatac aagttggctg ggcacaatgg  
23341 ctacgcctg taatcccagc actttgggag gccaaaggcag gtggatcacg aggtcaggag  
23401 atcgagacca tcctggctaa catgggtgaa ccccgctctc actaaaagta caaaaacaaa  
23461 ttagccgggc atggtggcgg gcaccttttg tcccagctgc tcgggaggct gaggcaggag  
23521 agtggcgtga acccaggagg tggagcttgc agtgagccga gattgtgcca gtgactcca  
23581 gcctgggcga cagagcgaga ctctgtctca aaaaataaaa taaaaagaa agtatacaag  
23641 tcagtggttt tggttttcag ttatgcaacc atcactacia ttaagaaca ttttcatcac  
23701 cccaaaaaga aacctgtta cttcatttt cccagccct aggcagtcag tacactttct  
23761 gtctctatga atttgtctat tttagatatt atatataaac ggaattatac gatatgtgg  
23821 cttttgtgtc tggcttcttt cacttagcat gctattttca agattcatcc atgctgtaga  
23881 atgcaccagt actgcattcc ttcttattgc tgaatattct gttgtttggg tatatcacat  
23941 tttatccatt catcagttca tggacattta ggttgttttt atttttgggc tataatgaat  
24001 aatgttgcta tgaacattcg tttgtgttct ttttgttttt ttggtttttt gggttttttt  
24061 tgttttgttt ttgtttttga gacagtcttg ctctgtctcc taagctggag tgcagtggca  
24121 tgatcttggc ttactgcaag ctctgcctcc cgggttcaca ccattctcct gcctcagccc  
24181 gacaagtagc tgggactaca ggcgtgtgcc accatgcacg gctaattttt tgtattttta  
24241 gtagagatgg ggtttcaccg tgtagccag gatggtctcg atctcctgac ctctgtgatct

24301 gcctgcctag gcctcccaaa gtgctgggat tacagggcgtg agccactgca cctggcctta  
24361 agtgttttta atacgtcatt gccttaagct aacaattcct aacctttggt ctactgaagc  
24421 cacgtggttg agataggctc tgagtctagc ttttaacctc tatctttttg tcttagaaat  
24481 ctaagcagaa tgcaaatgac taagaataat gttgttgaaa taacataaaa taggttataa  
24541 ctttgatact cattagtaac aaatctttca atacatctta cggctctgta ggtgtagatt  
24601 agtaatgaag tgggaagcca ctgcaagcta gtatacatgt agggaaagat agaaagcatt  
24661 gaagccagaa gagagacaga ggacatttgg gctagatctg acaagaaaaa caaatgtttt  
24721 agtattaatt tttgacttta aatTTTTTTT ttatttagtg aatactgggtg tttaatggtc  
24781 tcattttaat aagtatgaca caggtagttt aaggtcatat attttatttg atgaaaataa  
24841 ggtataggcc gggcacgggtg gctcacacct gtaatcccag cactttggga ggccgaggca  
24901 ggcggatcac ctgaggctcg gagttagaga ctagcctcaa catggagaaa ccccgtctct  
24961 actaaaaaaaa atacaaaatt aggcgggcgt ggtggtgcat gcctgtaatc ccagctactc  
25021 aggaggctga ggcaggagaa ttgcttgaac ctgggagggtg gaggttgccg tgagccgaga  
25081 tcacctcatt gcactccagc ctgggcaata agagcaaaac tccatctcaa aaaaaaaaaa  
25141 ataaggtata agcgggctca ggaacatcat tggacatact gaaagaagaa aatcagctg  
25201 ggcgcagtgg ctcacgccgg taatcccaac actttgggag gccaaaggcgg gtgaatcacc  
25261 tgaagtcggg agttccagat cagcctgacc aacatggaga aaccctgtct ctactaaaaa  
25321 taaaaaacta gccgggcatg gtggcgcagc cctgtaatcc cagctacttg ggaggctgag  
25381 gcaggagagt tgcttgaact gagaaggcgg aggttgccgt gagccaagat tgcaccattg  
25441 cactccagcc tgggcaacia gagcgaaact ccgtctcaa aaaaaaagga agaaaaatat  
25501 ttttttaaat taattagttt atttatTTTT taagatggag ttttgccctg tcgcccaggc  
25561 tggggtgcaa tggtgcaatc tcggctcact gcaacctccg cctcctgggt tcaagtgatt  
25621 ctctgcctc agcttcccga gtagctgtga ttacagccat atgccaccac gccagccag  
25681 ttttgtgttt tgttttgttt tttgtttttt ttttttgaga ggggtgtctg ctctgtccc  
25741 caagctggag tgcagcggcg cgatcttggc tcaactgcaag ctctgcctcc caggttcaca  
25801 ccattctctt gcctcagcct cccgagtagc tgggactaca ggtgccgcc accacaccg  
25861 gctaattttt ttgtgttttt agtagagatg gggtttact gtgttagcca ggatggtctc  
25921 gatctcctga cttttgatc caccgcctc agcctccca agtgctggga ttataggcgt  
25981 gagccactgt gcccgcccta gtcttgatt tttagtagag tcggggtttc tccatgttgg  
26041 tcaggctggt ctccaaatcc gacctcaggt gatccgcccg ccttggcctc caaaagtgca  
26101 aggcattaca ggcattgagc actgtgaccg gcaatgtttt taaatttttt aaatttaaat  
26161 tttatTTTT agagaccagg tctcactcta ttgctcaggc tggagtgcaa gggcacattc  
26221 acagctcact gcagccttga cctccagggc tcaagcagtc ctctcacctc agtttcccga  
26281 gtagctggga ctacagtgat aatgccactg cacctggcta atttttattt ttatttattt  
26341 attttttttt gagacagagt cttgctctgt caccaggtt ggagtgcagt ggtgtaaadc  
26401 tcagctcact gcagcctccg cctcctgggt tcaagtgatt ctctgcctc agcctcccaa  
26461 gtagctggga ttagaggctc ccaccaccat gcctggctaa tttttgtac tttcagtaga  
26521 aatggggttt tgccatggtg gccaggctgt tctcgaactc ctgagctcag gtgatccaac  
26581 tgtctcggcc tcccaaagtg ctgggattac aggcgtgagc cactgtgcct agcctgagcc  
26641 accacgcccg ctaattttt aaatTTTTTg tagagacagg gtctcattat gttgccagg  
26701 gtgggtgcaa gctccaggtc tcaagtgatc cccctacctc cgcctcccaa agttgtggga  
26761 ttgtaggcat gagccactgc aagaaaacct taactgcagc ctaataattg ttttctttgg  
26821 gataactttt aaagtacatt aaaagactat caacttaatt tctgatcata ttttgttgaa  
26881 taaaataagt aaaatgtctt gtgaaacaaa atgcttttta acatccatat aaagctatct  
26941 atatatagct atctatgtct atatatagctat tttttttaac ttcctttatt ttccttacag

27001 ggtttcagac aaaatcaaaa agaaggaagg tgctcacatt ccttaaatta aggagtaagt  
27061 ctgccagcat tatgaaagtg aatcttactt ttgtaaaact ttatggtttg tggaaaacaa  
27121 atgtttttga acatttaaaa agttcagatg ttaaaaagtt gaaaggttaa tgtaaaacaa  
27181 tcaatattaa agaattttga tgccaaaact attagataaa aggttaatct acatccctac  
27241 tagaattctc atacttaact ggttggttat gtggaagaaa catactttca caataaagag  
27301 ctttaggata tgatgccatt ttatatcact agtaggcaga ccagcagact tttttttatt  
27361 gtgatatggg ataacctagg catactgcac tgtacactct gacatatgaa gtgctctagt  
27421 caagtttaac tgggtgccac agaggacatg gtttaactgg aattcgtcaa gcctctggtt  
27481 ctaatttctc atttgcagga aatgctggca tagagcagca ctaaatagaca ccactaaaga  
27541 aacgatcaga cagatctgga atgtgaagcg ttatagaaga taactggcct catttcttca  
27601 aatatcaag tgttgggaaa gaaaaaagga agtggaatgg gtaactcttc ttgattaaaa  
27661 gttatgtaat aaccaaatgc aatgtgaaat attttactgg actctatfff gaaaaaccat  
27721 ctgtaaaaga ctgggggtggg ggtgggaggc cagcacgggtg gtgaggcagt tgagaaaatt  
27781 tgaatgtgga ttagatfff g aatgatattg gataattatt ggtaatfff tgagctgtga  
27841 gaagggtggt gtagtttata aaagactgtc ttaatfff gca tacttaagca tttaggaatg  
27901 aagtgttaga gtgtcttaaa atgfffcaaa tggfffcaaa aaatgtatgt gaggcgtatg  
27961 tggcaaaatg ttacagaatc taactgggtg acatggctgt tcattgtact gttttttct  
28021 atcttctata tgtttaaaag tatataataa aaatatttaa ttttttttta aa