



LYN (NC_000008.10, GRCh37) - gDNA - 2026-02-28

caaggcagct gctttgactt attgctctgt agctggggtc agcctcttca 56791443
gaacattggt aatgagagaa aggaagtgtc ttgggcagtg tctggcccat 56791493
caggccctct gtaaagtgtt gctattaatg caatgctgag atcccagtga 56791543
acagaatctg gcttagaaga agtgggtatc cacggtgccc gagcctaatac 56791593
ttacatcttg gatttgtaag tggcatttat tgagttgaac atgagcttga 56791643
gcacgcggtc acacattctt tcagcaaaca ctggttaggc accagctgct 56791693
acgtgcaagc actgccctac atgctgggac gcagctgtag taggaatgaa 56791743
ataacgccag cattcctgca tgcgggcagt gcgggccctg tacagaaagg 56791793
tacacgagat aggcacctc acatccattg tcctgggagg aaactgaggc 56791843
tttgagaaac ggagaacttg ccgggccatt tgactctacg tcatcccctc 56791893
cccatcaat gccctgaaca gcctcctgta cacccttaag gaacttactt 56791943
tgtaatgatt attaagaact cagcgagacc ccgagcatca cctcggcata 56791993
tcgcatcctt tctctagaga acccctaatag ttggaaggga tcagagcgca 56792043
cctcctccgc tcctgggagc acccccttcc taataatacc ttggggatgg 56792093
gtcggaaagga aaggaaagga gacgcgagag gtgtagtcga tgtgcctgcg 56792143
aagcccaggc tcctctggag atccttccgt ccgtccctac aggagaaggc 56792193
tggcccgggc tgctccactc cccggagctg cagactgagt cgccagggtt 56792243
ctgtgccttc aaagccctgc gcgacggcca caccaaacac ccaaaccttg 56792293
ggcagggacc aaacggtcac ttccccgcc tccgggctca atatgcaaat 56792343
ccgagcacca ggaagtagct gggacctctc ggccgagccc agagacagcc 56792393
AGTTCCTCTC CCGCCGCGCC GGGCCGCGCT GCCGCTCGCT CCCC GGCCGT 56792443
GGCGCCTCCG GGCCAGACGC GCTGCAGCCT CCAGCCCGCG GCAAGCGGGG 56792493

CGGCCGCGCC ACCCCCGGCC CCGCGCCAGC AGCCCCTCGC CGCGCGTCCA 56792543
GCGTTCCTCGG CCAGCAGCCT CCCCATACGC AGGTCCTGCT GGGCCGCCCC 56792593
GTCGCGCCCC CCACTCTGAA CTCAAGTCAC CGTGGAGCTC CGCCGCCCCG 56792643
AAACTTTCAC CGCGAGCGGg tgagtcctct gcgcgagccc aggggtgggg 56792693
gcgggacgc gggcagtggg tgcaggggcc gcggctgtgc caccagccgg 56792743
agtcccgggc gcagggtaga ctcggggccg ggggcatcgg cgcggcccgc 56792793
ggcggcttcc tggccgcacc gcctctgggc tccggcggcg aaggctctta 56792843
gatgtcttca gccgacgggt gaccgggccc gggggagcca gggcgcgggg 56792893
actgaggctc cgcaggtgtc cgccgcggag ccgcgcaggg gagcgggtggg 56792943
agggtgcgggc gcggggggcg gctcaccgcg tgtccttccc ggtgagggcc 56792993
cgagggccgg ctgctgtccc tgctccggcc gcttctcgca cacagtgggg 56793043
aagccgctgc ccttgccggag cgggcgcgcg gcggggatac tggagaggac 56793093
tcctcggatt gtgcaatctg atctcccctc tggaccctgg gtctcctggc 56793143
agtgggagat ggggctcggc cggcgcctc tcgaggcccg cggacagttg 56793193
ccctccctgg tggccccggg caggagcgtg acgtcgaggg gctgcagcgg 56793243
aggctggaac tcaccctccc gctgcggcgc ctctcggcct gccgaggagc 56793293
agtccgggtc ttttgccggc tgagaggaag cgagagttat tttaagaatt 56793343
caggggttgc ctttccttgc ccttggggga agggcgtaag agtcagttcc 56793393
cactttcctg cattctctgg gccatggtg gcatcttttg cttgcggtgc 56793443
attcgtaact ttccaacagc ctgcctgtca tgtggattag cggttgtggt 56793493
tttgtatc cgagtgtgtt aattatccca aattcgcct tcttcgccag 56793543
ctcagaatct aggccttgca cttttctggc tgtatattta ggggaccgat 56793593
tattgaaatt ccctgtttga gtttcttcat ctttgagaga gcatatatac 56793643
ctcaggggct gtttagtaca caciaagccc ctagtacgta ccaagcattt 56793693
cataaacgat gttactgtta tttattgcag tgaattctat tcatataaat 56793743
gaggcttctt ggttctttgc agcttgggtga tgttgaagct aagactacca 56793793
tgtcagattt agccatctga ccttattagt aaatctgctt aataaataca 56793843
tgagggattt gctgtcccaa agcagggccc agtagtctga ctttccctaa 56793893

agaactagcc aataaactgg tgggctacag ggatgttttc tctgtacagc 56793943
caacacctaa agccatgccc tggggaatag gcactgcaag aaccaggcc 56793993
ttactaagcc cttctctgta agagtaagct ttgttgggaa aggggtgggat 56794043
ccagttagtc cctccattct catttggagg taagcaggta agcgctttga 56794093
ggcctgaata aatttactg gatcatagag tctttggtga ctgggcctct 56794143
ttggatgtaa atgtgtggcc cttttgctga gtgaaggata gagggcagca 56794193
gatgtaaggg gagagaaagt aggagccagg aaccttgagt tttggcctct 56794243
tccatcattt aatatgctgt gatttgggat aagccacttg ggccatttat 56794293
tcagccaaga tttcctttat agcagcagcc agagtatat tgatttgtct 56794343
gcaggttgat agtctgtatt aaccattaca gtggaagctc catgaaaact 56794393
gcttcatctg tcttgcctaa aatgatagcc ccagtgcctg gtacatagta 56794443
ggtgctcagt tcgagattac ttggaagaag gaatgaaggc ctccctgtgag 56794493
cttgccctat gcaaaactga ggacataggg agatgaagaa atagagctgg 56794543
tccctaaggt gtttgaagcc tactggccct ttctgttgtg gtttctaaaa 56794593
cggggatttg agaggctttg ttgactgtaa agttaccag cactgagtta 56794643
cccacattta gtgtgggtaa ctaaagaga gtctccactc agcaccgctc 56794693
ttctctactt attactggaa gagaggtcct gatgtgggggt ggttaagatg 56794743
tttcctgcaa aggtagtgg cccaatccag aagacctaca ttattttaga 56794793
gtcattggtg ttacaaaggt aggtcgaaac tttgtaatcc cgcccctgcc 56794843
ctccaatagc tttcttttag cagaaaagtg gtccagcact gttcaatgac 56794893
tttgaaagcc ttttacttct atctgcaata tttgttttta gataaatcac 56794943
caaaaacatc tgagattcca gttggttcac atgactatgt ggagttgtaa 56794993
cttaacaaaa ttaaatcata ttattcatgt acaaaccat actaacttta 56795043
taaataagga caccatgtat acatgccac agcagggaac attggtataa 56795093
gctcactcct actgatgatc tcagtgatgc atggatgagt gttaacattg 56795143
aaaggccacc acaatcatta gtcaggacat tgatcaatgt cacattgata 56795193
gcagagatag cctcagacct ttactggctc ttcctagtga tgatggtgaa 56795243
ggtgtagca cctttcattt gttcagggct ctgaagtctt cctgaactct 56795293

aatttcattt gaacctcttg tggctcctat aggatggaga gggacagata 56795343
cagaaaaaga ttcaggggggt tgtctaaggt cacaggcttg gttaagcggg 56795393
accattagga gtagtaggta tgttttttgg ctctttctac ttgtccacct 56795443
ttggacttgt agtgtgtgct caattacaaa tgcctctcaa cttatgatga 56795493
ggctgtgtcc caataaaccc aatcgttaagt tgaaaatact gaaagtagaa 56795543
gatgcattta atacacttaa cctactaaac attatagatt agcctaacct 56795593
accttaaaca tggtcgaaac actcacatta gcctactggt ggacaaaatc 56795643
atctgacaca aagcccattt gataataaag tgttgaatag ctcatgtaat 56795693
ttattgaata ctgtattaaa agtgaaaaat gaaatgggtg tatgggtact 56795743
tgaagtacag tttttattga atgcctaag cttttgcacc atcgtaaaagt 56795793
tgaaaaatca ttaagttgca gaccatctgt gcttaaaagc aaataaatag 56795843
gtcatttaac aaacatttta aaagtgaaat catgagttaa ttttctttta 56795893
tcacttggtta attgtctgaa ctaagtggct aactgctcag gacatagcag 56795943
atgcaccatc aagctgggca cttcaagctg tcttctagaa atgaatttct 56795993
gtgcttttta gcaactgctt ttgcttgggg gtgggaaagg gtggtctcca 56796043
gtaactgcta agatgacacc tatactggct gctgtccgag cagccctagt 56796093
gactgtcttg ggggcaatca gttgcttaat ggtaataca gaagtacctg 56796143
agtaatactt tgcaaaagga ctttccccga cctgtgctgg gagtgtctcc 56796193
ctgtaaactt tgccaacctc ctggttgttt tatcagtgag agcatcattt 56796243
aagtgaaaat ataaattaag gagacagggc tcataggacg cacattaata 56796293
cacctgatca ttttgagcac ctgctgtgtg caaggcactg ttctaggcca 56796343
acagtataga tatacattgc ctcccatctt ttaaggctga taatgaagag 56796393
aagaacatgg aagaggaagt tgttgggttt tttttttcca gtcagaaata 56796443
ctgaaagatt tcttacagct gtctggtttc ctgatactta aattgtgaaa 56796493
ctttaagtcc actccattat catttctaaa atttattttg aataagttcc 56796543
ctttcggggg agataccat gtgtagagaa tggatggaa atctgccaat 56796593
ggagggatta gaaatthtgt cagtttaaaag acttggacct tttgagattt 56796643
ttgttggtgt tgttttgttt gttcttcttt tctgagatga aggctcactc 56796693

tgtcgcccag cctggagtgc agtgggtgcaa tctcagctca cggcaatctc 56796743
cgcctcctgg gttcaagcaa tcctccctgc ctcagccttc tgagtagttg 56796793
ggattactta caagcatgtg ccaccacacc cagctaattt ttgtatttcc 56796843
tgtagaaatg gggtttcatc atgttggcca ggctgggtctt gaactcctga 56796893
ccccaagtga tctgcccgtc tcgtcctcac aaaatgctgg gattacaggt 56796943
gtgagccact gcgcctggcc tttctgggggt atatttggct taagttagtt 56796993
ggaagggctc tctttattht ttattctgcc tcccactgaa gagacagagt 56797043
tcgctcttgt caccaggtc ggagtgcctt ggcgtgatcc cagttcactg 56797093
cacctccatc tcctggattc aagtgattct cctgcctcag cctccctagt 56797143
agctgtgatt acaggcgccc gccaccatgc ctggctaatt tttgtatttt 56797193
tagtagagat gggtttcacc atgttggcca ggggtgtctt gaactcctga 56797243
ccttaggtga gcccgcctcg gcctcccaa atgctgggat tacaggtgtg 56797293
agccaccgtg cctggccctg tcttgtaatt tagaagagca agtttaaata 56797343
cttgggatga tgtattaaaa agcctcatcc atgctgacaa gagcagggcc 56797393
tgtagtagcc tttgttgtht atcccctca tcctgttctg tacttcattt 56797443
tctctcatta ctgaattagc tggcagcatt ccttatttgc cacagagcta 56797493
tttcttaaaa gctgtactta cactcaggat acagtttcc ttggtataga 56797543
actcttccat ggcatgtc tttcactgag ctttattaac cctcaggctt 56797593
ccagtacccc ttcttctgct ctcccactt cattccctat catcttacia 56797643
aggcttcttc aaccaggaat tggcatgagc tgaccgtgta tgggaagaga 56797693
ttgtcagtta acctcattat tgtaaagctc cagtgttcag aatgctgcta 56797743
cttaaagac atcctataga actgcatgaa tcgggataca tttaaataat 56797793
ccagttaagt ggctgttctc tgatggttga ggctctgctt ttgggttga 56797843
gaacactggg aagaagtctt cacagctcag atagtttttt agttggtctc 56797893
atthcctttc tacagtccat gcttcaggca aagttacata ttgcctgcct 56797943
gcccacacct ttctgtgagc atctgaaatc ttgctcactc ctctttattg 56797993
acaccagacc aactgggtg gaagcttctt tccagtcccc gctttcctcc 56798043
ctccattggt aaaacatctg gtggggaggt cttcgtgtgg tctttgggcc 56798093

tacccttggg cgctgttaca gtgagactgg agagatgggt gtgtattcat 56798143
tctgcctccc actgaagcaa tgacgtcttc ttgggtgtttg ggtctctggg 56798193
tgccccact cttcctgtaa atgttaaccc ccacggaggt gaggggaatg 56798243
gagaagctta tctcagagag gctctctgga gagggaggac cacttctgct 56798293
ttccaggggg aagctgtgtc acggagagca gaactgtagc ccgatgctgg 56798343
agagaaaagg cccagagga ggcaggcaag gaagtgatac ttcctccacc 56798393
ccaggcccct gggtcatttg cctgcagccc caccttcctt accaccaat 56798443
gctgcgtttt cctcggggtt ctttctaccc tctgctgccc tctgcatttt 56798493
cggtttgccc ttaagtgagg ggtggggcgg ggtgggagag aggagcagtc 56798543
tagagtctta agggcagagc ctgctttgcg aagcccaccc tggccatgcc 56798593
tgactttttc agcaacggaa aatgtacat tttgaaattc cccgtcatgg 56798643
aaagtgttat gaaactcttg ggtagacgtt tcgaaatctt ttaatgttca 56798693
ggctacataa taatttttaa atactaacta taataattca ggactatttt 56798743
aaaaattggt aaattccttg ttaaattctt gggatagaac agtggctgtc 56798793
aaacatcttt tttttttttt ttttgagatg gagtctcgct ctgtcgccca 56798843
ggctgtagta caatggtgca atctccactc actgcaaccc ctccctcccag 56798893
gttcaagcga ttctgctgcc tcagcctccc gagtagctgg gattacaggc 56798943
atgcaccaat gcaccacat gcccggttaa tttttgtatt tttagtagag 56798993
acagggtttc atcatgttgg ccagcctggt ctcgaacacc tgacctcagg 56799043
tgatctgcct gcctcggcct cccaaagtgc tgggattaca ggcatgagcc 56799093
acgcgcccag cctgtcaaac ttatttgacc acaaccata gcaagaaaca 56799143
ttttaccttg tgctcaaata cacatatctg taggcaaac aaaatagaaa 56799193
aaggaaaata caatctggtg gaacagcccc tccccttaac ttgcagggga 56799243
atgtggcctg gagcagcttt tctgaggtag gattggccag ctccatcaga 56799293
gtttgtttgt tctgatgcat aatagatata catagtttca gggcacatgt 56799343
gataatntaa tacatcatat aatttgtaaa gattaatca gtatttgca 56799393
tagccatcac cttaaattt tgttttcttt ttaaattgctg aatcttttga 56799443
attcttctag ctgttttgaa atgcacaata gttaatggtg aactctagtc 56799493

accctaccag gtcttatttc ttctatcaaa cagtatattt gtatccatta 56799543
atcaacatat tttcatcccc cttccaacg tacagagatg ggaggtccaa 56799593
tagggagggt tattaaacaa acacaaatta agtcacattc atataatggg 56799643
atactttgta aatatcttaa aagataaaac attcaattac agttactaat 56799693
atgaaaaatt ttttttcaaa agctgaacac ggccaggcgg ccaggcgcag 56799743
tggcccttgc ctgtaatccc agcactctgg gagcatgagg caggaggatt 56799793
gcttgagctc aggagctcga aatcagcctg tgcaatttgt ctcaaacaaa 56799843
caaacaatag caaaagagct gaacacaaac tagtagatga catgatacca 56799893
tttctgaaat aaaatattca tatatggaca catcatctat aaactgcatt 56799943
tcaaacaatt tttatactaa gatcttaata gtgattattt ctgggtgaca 56799993
gttgagtgtc gtttttactt ctgtacgtct ttatatataa aagaatgagc 56800043
atcccatata tacataaata tatatataaa tcccacatat aaatatatac 56800093
ataaatccca tataaaaata taaatatata tatatatata tacacacaca 56800143
cacacacaca cacacacaca tatatatata tttttttttt cctgagacag 56800193
agtcttgctc tgtcaccag gctggactgt gatgggtgta tctcggctca 56800243
ctgcaacctc cacctcccgg gttcaagtga ttctctgtgtc tcagcctcct 56800293
gagtagctgg aattacaggc acacaccacc atgccagct actttttgta 56800343
tttttagtac agacagggct ttgctgtgtt ggccaggctg gtctcgaact 56800393
tctggcctca agttatccgg ctgcctcagc ctcccgaat ccggggatta 56800443
caggcataag tcattgcgcc tggctcctta tatgatttta aaacggcagg 56800493
atataaggag caatggaatg aagccagtgg gactgcagaa ggaggtgga 56800543
agcagacagg gaactttgga gctagagtga cttgaaggac gcttgatgga 56800593
tataattgta agagtctgtc ctgaggagag ctgatgcgct gtaaagtgtg 56800643
taaatagaac attttcttaa agaacttcc actgctatgt ttagtattca 56800693
gtttagcaaa cttttcctgg gtagctactg ggagtcccgc acagtgttag 56800743
gagttgggt acacacctgc catgttgggt gaaatcctga agggagtggg 56800793
ccacacacc tggaagaagg ggctttcctg aggaaggaca gcctgactat 56800843
gcaggggtca ttccacatta ccagagcttg ttccagagag gcagtgggag 56800893

gctccacagg caggcttggg gggtgcttgg ccctaataact aaatgttggg 56800943
cttcatggca ttaacgaagg ggaatcactg gagcctttta gtatgaagct 56800993
aatctttttg tccatcacag gcaacttctt gcctacactc ttttacaata 56801043
tggcatttat gacatagcca agagcgaaga cacgttgaac actgacttaa 56801093
tgctttgagt aggtggagag ttgaatgact caaggctact tctctagaga 56801143
ttaatttgaa gctagaaagt aacatttatt tctgttttct gtgacagcaa 56801193
taggcttcag cttgtaatcg tcatctgcaa gtaggtactt gacacctccc 56801243
ctaagtgacc tggagagtga cagatacagt aatgggcaca atccttggtt 56801293
ttttgttttg ttttgttttt gagacagagt ctcaactctgt catccaggct 56801343
ggagtgcagt ggtacgatct cactcaccag ggatttggcc accacgcctg 56801393
gccgaatccc tggttttaag caaaatttta atatggagtt tatggttggt 56801443
ggtataatga aatgcggcac catagcagtt gatttttgtc tttcagaacc 56801493
acactggctt tttgtattat ttcaaatttg atagatgccc aatgtatgta 56801543
acaaaaattt tccctcacgt gtatttcttt ctttatttat ttgtatgttt 56801593
tgagatgggg tctcaactctg tcgcccaggc tgaagtgcag tggtgctatc 56801643
tcggctcact gcaacctcca cctcccaggc ccaagccatc ctctcacctc 56801693
agtactgggt agctaggatt acaggccccg ccaccaggcc tgcgtaattt 56801743
ttttgttttt tgggaggcca aggcaggagg ataatttgag ctcaaggagt 56801793
tgagaccagg ctgtaacccc aggcaggagt acagtgggtc agtcatagct 56801843
cactgcaccc ttgacctcct gggctcaagc catcttccca cttcagcctc 56801893
caagtagctg ggactacagg tgtgtgccac tatgcctggc ttattttttg 56801943
tagagatggg gtttggccat gttggccagc ctggtgtcaa actcctaagc 56801993
tcaagggatc cacctgcctc agcctcccaa agtgctgtgc tgggattaca 56802043
ggcgtgagcc accacacca gcccaagtat atttatcgag tgctgtatgt 56802093
catgatagtg ggtggtttgg gggaaacca acataaataa gtgggagggt 56802143
tctatcctag aggagtttat tgtgctctgt tctctctgga ttgttcacaa 56802193
accagaatgc cgatcaaaga ctttgctagg gttgtgggtg ggcgacttgc 56802243
tcaggagatc cctggcaccc aaatgagtgc ccagaaatca ctctgaatgg 56802293

tcaaaaagtaa ggcagggcag ggcggtagag cacaggggtgt cgaattaatt 56802343
tcatgtgggg gctgaaatcc caggtctgtc ccttcctaac tgtgggctgc 56802393
tgctggcaag gtgctggcct tgctagcctc agagtcctca tgtttaaacc 56802443
tcagcagttt gttgtgagtg ttctaggtta cagtggattc caaactagcc 56802493
acaagtgaag cacatggcta aatggtagtc attggtattg ttatcaaaaag 56802543
caagttgctt agctgggtga agtggctcat gcctataatc ccagcacttt 56802593
gggagcctga gacaggtgga ttgcttgaag ccaggagttc aaggccagcc 56802643
tgggcaataa agtgagaacc tgcctctata gacaaaaaaaa aaaaaaaaaa 56802693
aaaagaataa ataaaaacaa ataaaaatta ctcagagtgc agtgatgtaa 56802743
tcctatagtc tcaactactc aggagactga ggcaggagga ttgcttgagc 56802793
ccaggagatt gaggctgcag tgagcaatga ttacaccacc aactccatc 56802843
ctgggtgaca gagcgacagc ctgtctgtaa aataataata acaataataa 56802893
aaagaaagtt gcttaggatg gctactataa aaaatgagaa atcatgatga 56802943
aatcatgtca tgttaaaaaa gaacacaaca acaaaaatca gaaaataata 56802993
agtggtgcca aggatgtgga gaaattgga tccctgtgctt tgttggtggg 56803043
agtgtaaaat gctacagcta tgatggaaaa tcatatggta gttcctcaaa 56803093
aaattagaca tagaattgcc atatgatgca gcaatgctgc ttctgggtat 56803143
atacccaaaa taactgaatg tggggtctca gagatgtttg tacacttgtg 56803193
ttcatagtag cattattcac aatagccaag aattagaagt aactcatgtt 56803243
catcaatgga tgaaataaaa tgtggtttat atgtacattg gaattttttt 56803293
tttttttttt tgaaacaggg ttttactctg tcacccgggc tagagtgtgg 56803343
tggcaccatt acagctcact atagacttga cttcctgggc tcaggtgatc 56803393
ctcccacctc agcctcttga gtagctgaga ctacaggtgc atgccacat 56803443
gcctggctag ttttttgtat tttttgtaga gataaggttt tgccatgttg 56803493
tccaggctaa tcttgaactc ctgggctcaa gcaatctacc tgctgtggcc 56803543
tcccaaagtg ctgggattgc aggcatgaac caccgtgcc agccatacaa 56803593
tggaatgtta ttcagccttt aaaaaaagga aatgctggct gggtgcggtg 56803643
gctcatgcct gtaatcccag cactttggga ggccaaggtg ggcgatcac 56803693

ctgaggtcgg cagtttgaca ccagcctgac caacatggag aaaccccatc 56803743
tctactaaaa atacaaaatt agtcgaacat ggtgggtgcat gcctgtaatc 56803793
ctggctactt gggaggctga ggcagaagaa tcacttgaac ccgggaggca 56803843
gaggttgcag tgagtcgaga tcccgcgact gcactccagc cagggcaaca 56803893
agagcgaaac tccggctcaa aaaaaaaaaa aaggaaatgc tgacacatga 56803943
tacaacaagg acaaaacttg aggacatcat gctaagttaa ataagccaga 56803993
cacaaaaaga caaatactgt atgagtccac taatgtgagg ttcctcaaat 56804043
agtcaaattc atagagacag aaaatagaat ggtgtcttcc aggggcttga 56804093
tgggggaggg aatgggaagt tactgcttaa tgggtacaga gtttcagttt 56804143
tgcaagatga aaagagttct ggagatggat ggtgtgatgg ttatacaaga 56804193
atatgaatgt acttaatgcc actgagttat atacttaaaa tagttacgat 56804243
acaagtttta tattgtgttt attttaccac aactttaaag aatgaaaaaa 56804293
aagttgcttg atgagcagat acgtgtacaa atagacagag gtgtccttga 56804343
ggatatttca ttaagtttga taaattgccc ttcttctggc tgggtattta 56804393
cctaccaagc agacgggtgt tcactttttt ggacagagaga ggacaggatc 56804443
tttactcttc gtcatttaat acatggccac gtggattgct ggctgacagt 56804493
atattgaaat ggctgtgatg tgggagaggg aatgataatg gagaaattta 56804543
caaaggcaga gattgtggat taaaaagtaa ggagaaactt ctaacatca 56804593
aagctgcctg catgggtcct ggagaagggt cttctccat cattaatgt 56804643
ttgtcagcaa aggctaagag attcttacia gaccttttag aaaaggttgc 56804693
attaaggcca gggcgcagtg gcgcacacct gtaatcccag catttttagaa 56804743
ggccgaggca gatggatcac gaggtcagga gttcaagacc agcctggtca 56804793
acaaagttaa accccatctc ttctaaaaat ccaaaaatag ccagggtgtgg 56804843
tggcacacac ctgtagtccc agctacttgg gaggtgagg caggagaatc 56804893
acttgaacct aggagggtga gtttgattg agctgagacc acgccgttgg 56804943
actcctgcct gggcgacaga gcaagactcc atctcaaaaa aataaataca 56804993
taaaaaagtt gcattagatg gctgtaaaag gtgcttcctg atttgatgat 56805043
acagttatat taatatttct agccatgcac tcattaactc caaattacat 56805093

aataagaaag tatctttctt ttttttgagg cagggctctg ctctgtcacc 56805143
caagatggag tgcagtgata ccatcatagt tcattgcagc cttgaactcc 56805193
tgggctcaaa tgatcctccc atctcgagat cccaaagtcc tgggattacg 56805243
agcatgagcc attgtgcctt gccaaagaaa gaatatttct gacacagttc 56805293
tttctaacag gattcgaggg aatTTTTTaa aaagtTTTcc caatgcagga 56805343
gtgtgtgtgt atgtgtgtgt atgtgtgttt aaaatttaag tataacactt 56805393
acatagaaaa gtgcagaaaa cagaagaatc tagctgaatg caaagccttg 56805443
tgtaaccacc cccatgatca aaaagcagaa tgatgTTgac cctcccccaa 56805493
gcagtactcc cctgaaaggc atctgccatt ctacttctag tttttgttta 56805543
gtttccagtg taggcttcta aacaataaag tgtagggaaat tgaaaagcag 56805593
taciaagcca tttggTTTTg caaataaaca gattttcaag ctgtgggttt 56805643
ggctaccacc ggcatctctc tgtgtgtgga atttacttgc aattcaactg 56805693
gagagcaaga cctcgtcctg ttttaccctg gcgattcagt tgctaaaatt 56805743
ctcacacatg agtttgatct gagccttatt taaatacctt tttattcatc 56805793
cattaattag taaaattagc tggcataagc tataatatagc tggTTTTtct 56805843
gcacagccaa gtcaatttat aaatgcaaat atgtgggtgt gataaggggtg 56805893
gtttccactg acccacatgt aatcaaacat cctgttatat gacacagtgc 56805943
cagtctgtgc ataggcattt gaaagtacta actgggtttg tgaattcagt 56805993
gatgctgttc ttcaataaaa taaagactca tttttctgat gttaaggaac 56806043
acagcacctt tgttactgac tgttatttca acttctgttt catgtagttt 56806093
tgatatttat ttttgTTggg ggtgacagag agaggcataa ttgacctgtg 56806143
gcatttgTTa atccatgaag tcatgcttca cttatgcatc attcagaaaa 56806193
cacttctTgg atactcacta ctcatgaata tgcattgcata tgacttgCag 56806243
tcaaagccat gagttctcaa tagcaaaact gttccagata tactcagaga 56806293
gttaaaatgt ttaaaaaact tttttTtaa gaaaattttc cttttatttt 56806343
tgttgTTTTg ttttgTTTTt ttttagaagc aagatctcac tatgttgccc 56806393
aggctagagt gcactggcca ttcacaggca cgattatcac tcacacacta 56806443
tggtcctgag atcctgggct gaagtgatcc tcctgcctca gcttctcgag 56806493

tagctgggac tagaggcatg tgccactgca cctggccttag agtataaaatt 56806543
tttgtgtcac acaagatatg aagaacatgc acaggcactg gacccatctg 56806593
tgggttcac tttctgtggg acccactaag ggacccatct ttctgtgaaa 56806643
aagtcacaag tgaagtcctg gccatgcaag gaataacat accccaagag 56806693
atcatgctga gcctgtagtt tgcctgtctg catcccccaa cccccccagc 56806743
ttatTTTTat tttatTTTTt actTTTTatt attttagaca gggctctgtt 56806793
ctgttgctga ggctggagtg cagtggcatg gtcatggctc ctgcagcctc 56806843
cacctcctgg gcttaagtga tcctccctcc tcagcctcct gagtagctgg 56806893
gactagaggt gcatgccact gtgccagatt aactttctta atTTTTTTTT 56806943
ttttgagaca gtggtcactc tgtcacccaa acttaagtgc agtggctcaa 56806993
tcttggctca ctgcagcctc aacctcctgg gctccagggg tcctcccacc 56807043
ttagcctccc aagtagctga gactacaggc atgtgccact acacctggct 56807093
aattTTTTTT tttTTTTtga cggagtcttg ttctgttgcc caggctggag 56807143
ttcattggcg ctatcttggc tcactgcaac ctctgcctcg tgggttcaag 56807193
ctattctcct tcttcagcct cctgtgtagc tattattaca ggcacctgcc 56807243
accataccca gctaattttt ttgtattttt agtagagacg gggttttgcc 56807293
gtgttggcca ggctggctc aaactcctga tctcaggtga tccaccgcc 56807343
tcagcctccc aaagtcttgg gattacaggc gtgagccacc atgcctggcc 56807393
tgcctggcta atTTTTgtat tttttgtaga gatggggttt tgccatgttg 56807443
cccaggctgg tttcaatctc ctgtgctcaa gtgatccatc catgtgcttc 56807493
agcctcccaa agtgctggga ttacaggtgt gagccacagt gccaagccta 56807543
aaatTTTTtg tatagttggg gatctcacta tgttgcccag gctggtcttg 56807593
aactcctggt ctcaagcgat cttccacct gcttcagcct cccaaagtgc 56807643
tgggattaca gacgtgaacc actgcagcca gccccaaaac ctccagttta 56807693
tttctccag ccacagttcc tgatgcttgg catctctgcg ttttaactgc 56807743
ttgtctctgt tagcaactgc tggatgctac agaggatttg aacaaagagt 56807793
gaatcctgag aatggaggga atattggact aaggagactg accagagcag 56807843
aacagtttcc aagtgaagaa gtgagtcctc tagttgaaa taaagtagga 56807893

agagatgggg aaataacttg gctggattcc ttactaatct tggatgaataa 56807943
tataggtatg gattagtaac actgtagtag ctaatgaaaa atattccagg 56807993
ttgtgaactt tgggggtgtct gaggagcagc atgatgtcgt agtcataaac 56808043
tgagagtcac gaattggttt ctgggctggg tgtgggtggct cacacctgta 56808093
gtcacagcac ttggggaggc caaggcagga ggatcacttg aggccaggaa 56808143
ttcaagacca ggctgggcat catagtgaga cctcatctct acaatttttt 56808193
ttttaaagga attggcttct agtcaatgct ttgtcaaata ccagtcttgg 56808243
gacattagat gaagctcctt catctaagt ttttctaata cataaaacag 56808293
taataacaga tttttgtttg gtatctcatc cagttgttgc aaggattaaa 56808343
cggggtaatg tacctgggag ttccttgaag agtctaattt tctaccagc 56808393
tttggctggt gttttggatt aaactgtact accccgagcc ttttcttgat 56808443
tttggaggat ccctaccac tccctactca tggtagccct ggctgttct 56808493
ggtagattca ctcatgcatc atcaccagtc ctgtggggaa gtggaaattt 56808543
ggtgtacata ccaggtgcac tttcattctt ctcaaatgt tatgacaaat 56808593
agcaaagaga acaccttttc ttttatcatt agctcatcct taagcatctc 56808643
gttaggggta aagcaattaa aaaaaaaaaa caagttttag ctagacgtgg 56808693
tggcatgccc ctgtcatcct agctgctctg gaggctgaag tgagtgggtc 56808743
ccttgagtcc aggagtggga ggctgcagtg agctatgatt atgccactgc 56808793
actccagcct gggtagcaga gcaagactct catctctgaa aaaaaaagaa 56808843
aagaaaaaga aacaacaaca tcaacaaaag aaacaaaagc aagtttataa 56808893
ataaagaaac agaatagcag ggacatggat gcagctggaa accatcattc 56808943
tcagcaaact aacataagaa cagaaaacca aacacggcat gttcttactc 56808993
ataagtggga gctgaacaat gagaacacat ggacacaggg aggggaacat 56809043
cacacaccgg ggctgtcgg ggggtggggg gcctaagggg gagatggcat 56809093
taggagaaat acctaagtga gatgacggga tggtaggtac agcaaaccac 56809143
catggctcat gtatacctat gtaacaaacc tgcattgttc gcacatgtat 56809193
cttagaaatt agagtataat aaaaaattt taaaaaaaaag aaacatagaa 56809243
taaaaacat acctaattta gtaagagagg cattcccccc aagctcctca 56809293

cgtttattta tttatttatt tagagacaga gcctcgctct gttaaccagg 56809343
ttggagtgca gtggcgtgat ctcggtctcc cgcaacctct gccttccggg 56809393
ttcaagcaat tctccctacc tcagcctcct gagttgctgg gactacaggt 56809443
gccccccatc acccccagct aatTTTTtGta ttttttagtag agacgggggtt 56809493
ttgccatggt ggccaggtta atctcaaact cctgacctta ggtgatccgc 56809543
ctgccttggc ctcccaaagt gctggaatta caggcatgag ccactgcacc 56809593
cggcctaaac ttcatttaaa tgatgaggaa ataactgcaa tggaatgagc 56809643
tggttgagaga acgatgttac tcacccgaac gctggcttta tgagtttca 56809693
acatccacag gtatcttctg attgatcgca ttacagtctt gacctaatTT 56809743
ctcctgataa ggagctgaaa atcaagcaac agtacattag aactttgatt 56809793
catgtgacgc ctatcatgcc atataaatga aaattcagag tttagattaa 56809843
gaacagtaaa gctttctctg ttgtacctta aaaggtactt ccctcctcct 56809893
cataataata agctacatgc ttctggaagt tttaccaaga cttgagatca 56809943
ggaggagca ttctgacgct gagcacacct ctgactttgc acatggtggt 56809993
ttcgaggggt tgacagcaga agatctccag agtctagtaa cagttctgtc 56810043
ttactgttca aatttgcctt ttctacctca atttctcctc cattttaaca 56810093
gaaaacctac tactactact tcatatgtat ctaaaatatt tcaaaatctt 56810143
tagtaatggg atataagcac tcttagccat cagaataact tttaagggtca 56810193
ggtgcagttg ctcacacctg taatgctagc actttgggag gccgaggcag 56810243
gaagatcact tgagcgcaga agtttgagac catcctaggc aacatagtga 56810293
gacctcatct ctatagaaa ttaaaaaaat tagccaagag tgggtggcatg 56810343
ggcctgtatt cccagctact caggaggctg agttgggagg attgcttgag 56810393
cctgagaggt ggaggctgca gtgagtcgag atcgcgccac tgtactccag 56810443
cctgctgac agtgaggccc tgtctcacia acaacaacia caacaacaaa 56810493
aacttttaaa gattagtaag caatTTTTTT ctttggaaaa aattaaaatg 56810543
aaaatagacg attttaagaa aactTTTTTat gttttttaa tcaactttaa 56810593
aatTTtgcta tatagctcta tgaattttaa tacatgtgca gattcactga 56810643
attattttca taatgagaat acagaaaagt tctgtgacac cctccccca 56810693

aaaaaaaaact ttcttgtgcc acccccagcc caatgcctgg caactgctga 56810743
cctgttgtct gtccccattg ttttgtgttt tctgtaatgt catataaata 56810793
gattcatact gtatgtgatc gttttattgt cttttataat aacagcttta 56810843
tttttacttt taattttggt ttgagacaga gtctccctct gtcaccagc 56810893
ctggagtgcg gtggcacact cttggctcac tgcaacctcc gccttccgtg 56810943
ttcaagcaat cctcccatct cagcctccca agtagctgag accacaggca 56810993
cgtgcaacca tgcctggcta atttttgtat ttttggtaga gacaaagtct 56811043
caccatgttg cccaggctgg tcttgaactc ctggactcaa gtgattcacc 56811093
tgccttggcc tcccatagtg ttgagattac aggtgtgagc cacccacacc 56811143
cagctgaata atagttttat tgagatataa ttcacatatt gtataattca 56811193
ctcaaagtat acaattcagt gatttttagt atgttcacag agttgtgcaa 56811243
tcatcaccac aatcaatfff agaacatfff tattacacaa aaagaaattc 56811293
tgtatccttt agccctcact actctcttcc ccttgccta ggcagtcact 56811343
aatctatfff tagctctata ataaatfff ggaactggg tttaatgatt 56811393
tccttttttt aaatagacag tttcttgctc tgatgcctgg agtgagtg 56811443
cacaatcacg atcactgtag cctctgatct tctgggctca cgcaatcctc 56811493
ctgcctcagc ctctgtgta gctgggacca caggtgtaca ccaactgtgct 56811543
gggctaattt tttttatttt ttgtaaggat gaggtctcca tatattgcc 56811593
aaagtgttgg gattacaggc atgagacact gtaccagct aagtttcttt 56811643
cttagttgga agagttttac aatgatgcca gcacagttac tacctgtttt 56811693
acttttgtat caggcaataa ttaccttca cagaaaatat agtaagaata 56811743
gcaatccttt attaaatatt tgcctctgt taggtagtca attccttaaa 56811793
aggtgtaata ttgatattct tgttattgat aaggaaacag atgcttgggg 56811843
ataataaata ttatgctcac ttaactacta agtaaatgga acccaagtca 56811893
gccggacccc taaactgatg tgtttgtttt atttaacttt gaaaggttat 56811943
tttttaaaaa atcacagttg taatatgtgg aacataatgt ccttgacttt 56811993
agtttatcaa gcagacttta tacattaaca taaatgtaaa cgcaggaata 56812043
agaccacttc tgggaaatgt ataataaata taatgcagag aacatttatt 56812093

gagtgcacac ggtatgtcat tcgttcttct aaacactcgt caagattgta 56812143
ttcaaccaat ccttataaca agtgtgtgaa gttggtacag ttatcatccc 56812193
ttttcttttc ttttcttttt tcttttcttt ttgagatgg ggtcttacac 56812243
agttaccag gctggagtgc aatggcacga tctcagttca ctgcaacctc 56812293
tgcctcctgg gttcaagtga ttctcctgtc tcagcttccc aagtagctgg 56812343
gattgcaggc acacgccacc atgccagat aattttttgt attttagtag 56812393
agatgggggtt tcaccgtgtt gcctaggctg gtctgagctc aggcaatcca 56812443
cccgctcgg cctcccaaag tgctaggatt acaggcatga gccaccgtgc 56812493
ccagccttat catccctttt ctgcagataa gtaaagatga attaccttgc 56812543
caatgtcatg tcaactgtacg aggtggagct gaacttgggc ctaggatgtt 56812593
tagctcaagc ttaactactg ctccaggaat ctaatgcgct gccactcga 56812643
cttcaggaag acaagagctc agacactgaa aaccagtcag caaggccaaa 56812693
acaagagagc cccagttct gccaaacttg tgcaattttt actataacca 56812743
tagctgggaa aatgaagaa gaaaaaatt cactggagtt gcaatgaata 56812793
tttaaactt gcgtcaagtt taaagcatga tgagtgtcaa gccagttgag 56812843
ttttctgcat taacttcagc tgacaactca gtttatatct attataaatg 56812893
tcaacttttg ttgggggaaa aataatcttc ctctttttta tttttaattt 56812943
tttttaggga taggatttca ttgtgttgcc caggctgaag tacagtgatg 56812993
tgatcattgc tctctgcagc cttgaactcc ttggctcaag tggctctcct 56813043
gcctcagctt cctgagtagc tgagacttca gagtcacatc accatgcca 56813093
gctaattttt tttttttttt ttttttggtg gagataggac cttactatgg 56813143
tgcccaggct agtctcaaac tcgtggcctc aatggctcct ccagtcttgg 56813193
cctcccaaag tattgggatt ataagtgtga gccattgtgc ccagtttaat 56813243
tttcttcttt tgccaaagca aagctaataa tttttttata gctaagattt 56813293
aattatgttt ggattaaacc ttctcttcag tatgtatctc atacttttct 56813343
tttgctaaat acttatctag cttgcatttt tttccacatt aaggagaata 56813393
gctcttgaa atcttatatt ctccctaactc tttatcttaa aatgctgcca 56813443
caaaatctta gacattgaaa agttattaag gttctagttg agagtttact 56813493

aacaacaaaa agaaggataa ttggcaaaga agacgtggat tgagtgagcc 56813543
acatagcccc tttcctgttc tggtttcttg gtggcatttg cagcagtgcc 56813593
tctatgatgc ctgagcaaaa ctggtttatt gggaaagtgat gtaaaccata 56813643
ctgccagtgc ttttgctcag cacttgggca cttcgtggcc gtgtgtctca 56813693
tatgatgttc ataatgcttt ttttccctc tccttcccc cgtaatactt 56813743
tatgaataga tgtttccact tctgaatagt tctccgatta gaatagcagt 56813793
tacaaaatgg gtaagacttc acctcgtcct ttaaaacagg aaaattgata 56813843
gaattcctcc acctcctttc attactgagg ctgtcagatg attccttaag 56813893
caaaacccca gtgttctctt gtctgatgaa gtcagtgtaa gtgatggat 56813943
ttttacattg actttaatat gaaaggaact gtttaattga acggtttcat 56813993
ctcaaggcca ggcttttagac tccttcttgg gctcatgcat gggatcctc 56814043
ttttgcacac ctgtggcctc cctggaacta cttctggtgg tttccctgga 56814093
cttagtatcc cccaaacctg gcagcccagg gcctagtac aggagagga 56814143
atgtattgct cttgctctgt ggggtcaggt agggccgggg gaggtcctgc 56814193
atgaatattt tcagtgctga ttcagaaaaga gcattgggca tacacttcag 56814243
gaaaccctac ctggaagcta cagcagcact gctctatcct agactgacca 56814293
cttcagatat ttccaacgcg gagctggatg tggctaggaa ccggctccca 56814343
gctgaatagc ttgtgctgag tcattatcaa gttgcatttc ctggctcaac 56814393
caaagataag caggaagaa cctaaatgaa aaatgacttt cagactgtga 56814443
tttgggtag tataccacct cagggcagca atggagtcac gactgcacag 56814493
acacgggaaa ggatctggtt gcagaaacca agtgagtcag tgatgatgta 56814543
tcatcattct aaaaaacgta cctgtacttt cttttttttt tgagacgagt 56814593
ttcactctta ttgccagac tggactgcaa tgggtcgatc ttggcttacc 56814643
acaacctctg tctcctgggt tcaagcaatt ctcccacctc agcctcccga 56814693
gtagctggga ttgcaggcat gtgccaccac tgcttggcta attttgtatt 56814743
tttagtagag acagggtttc tacatgttgg tcaggctggt ctccaactcc 56814793
caacctcagg tgatctgcc atttttgcct cccaaagtgc tgggatgata 56814843
ggcgtgagcc attgctcctg gccgtaacag tgtactttct ttctttcttt 56814893

tttttttttt tgagatggaa tttcgctctg tagcccagat tggagtgcag 56814943
tggcgtgaat tcagctcact gcaacttccg cctcccaggt tcaagcaatt 56814993
ctcctgcctc agcctcctga gtagctggaa ttacaggtgc gctccacaac 56815043
gccagctaa tttttttttt ctagaagttg aattgtacaa agtacctta 56815093
tattttgaca cctgatccaa aacacagtca tgtaccacat tacaatgttt 56815143
caatcaatat atagcataca aaaaaaaaaa aacaacaaca gtagtcctat 56815193
gagataagag ctgaaaattc cttattactt aaatgttatt ttgaaagtca 56815243
acatttttct tctacatatt ttactcataa gcatggcaaa atgttacagg 56815293
tctcattgtc accactgcaa tatgcatact gtgatggaag cataacctat 56815343
ctcaatttag ccacattaac tatttttggg caccttgatc aacagtgcc 56815393
attctcatct agcatgaggc tttttttttt tggagacgga gtctctcttt 56815443
gttgcccagg ctggagtgcg gcggcgcaat ctccactcac tgcaacctcc 56815493
gcctcttggg ttccagcgat tctcctgcct cagcctcccg agtagctggg 56815543
actacaggtg tgtgccacca caccagcta attttgtatt ttttagtaca 56815593
gacagggttt caccatatcg gccaggctgg tctcgaactc ctgacttcgc 56815643
gatccgcccc cttcagcctc ccacagtgc tgggattacat gcgtgagcca 56815693
ctgcgccccg cctacgcccc gctaattttt atatatttgg tagagacggg 56815743
atttcaccat gttggccagg ctgggtctcga actcctcacc tcaagtgatt 56815793
cgcccacctc agcctcccaa agtgctggga ttacaggcgt gagccaccgt 56815843
gctgggcctt gtactttctt gaatgggaag ttgtcttcat ggtgagcagc 56815893
tcttctttga ggtgtttatt tgaagtattc aaaagaacag agagattcca 56815943
gtagggaaca atgaaaatat taaggcttct atatcatgcc ctgtgagggg 56815993
aagtagacaa agatgaaata aacttcaaca agagactaaa aaactacttg 56816043
agtgtttttg attaccaact tttcatgagc tgaatagttt gaaaatttgc 56816093
tgcttttcta agttttccct ttaagatcag ggataaatca tttcctggaa 56816143
ggatattttt cactgtaagc tctttctggt tctatgttga taatctaadc 56816193
tgaataatta agttttattg agaccttcct tttgaaagta acttgttacc 56816243
tatgtatgat taacctggct attattctaa atgtagaatt taaagtgttt 56816293

tatccatggt agctcacacc tgtaatccca gcactatggg aggccaaggt 56816343
aggaggatta cttgagccca ggagtttgac accagcctgg gcaacataga 56816393
gagaccctat ctttacagaa aataaaaaaga aattagtcag gcatgggtggc 56816443
atggccctgt agtcccagct agctacttgg gaggctgaga tgggaggatc 56816493
cgcttgagcc tcggaggttg cagctgcact gggctgtgat tgtgccatta 56816543
caacagagta agacagagtc tcaaaaaaaaa agtgttttat catttatgta 56816593
gagcttgagag tttcaaacat aaagtagaat tactttatca cttgtaaaaa 56816643
atgtgttctc tgaaagtga taaacaatga ggtagaatga ctcctgaaat 56816693
taaaaaaaaaat aatagcagga ctttaataga taaatctgaa ataagtacga 56816743
tgaacaattt tttaaataaa atataccctg aagctaatac tttgtaaata 56816793
ccaacatttt ctttatggct atagtgtaac caaattcagg agtaagtaac 56816843
tcaattattt ggctgtcggg ttgatggaat gaaaataaat ttcttagaat 56816893
atgatatgaa atatgatatg aaattcaact ttactaaact ttactgaaca 56816943
ccagcaaagtg tatttacaat cctgggttct atttgtcaat cacagaccac 56816993
ccttttttct gagcattttt tctgttctga gttcacatat ggggttaggt 56817043
tggcagtgga taaattccag tccccaccct ttaatagggc atggaattat 56817093
gatgccacac aaaataattt ctgtatgtgt taccctgcag atcatgcacc 56817143
tataaaagat aaagaaatgg ccagggtcgg tggctcatgc ctgtaatccc 56817193
agctactcgg gaggctgagg caggagaatt gcttgagccc gggaggtgga 56817243
gtttgcagtg agccgagatt gcaccactgc tctccagcct tgtaacagag 56817293
cgagactcca tctcaaaaaa gaaaaaaaaag aagataaaca taaaaggttt 56817343
ccattgctat gatttcaatt ctagggtgga gctcagggtt tggcaaggtt 56817393
ccctacatta ttagactgcg cattttacc cttttcaaaa gcaggtaagg 56817443
ttgtagtgta gagtgtggct agtgattctc aaccctggct gctcattaga 56817493
atcaatgggg agcatttaaa cctccccatg cccaagctgt tccctaacca 56817543
atgaaatggg aatgggtggg gcctaagcat cagtattttt tagagttccc 56817593
caggtgattc tgcttgtgta ccaaggatga gaatcatttt actagattca 56817643
gctatgtggg aatctttcgg ctattttaga aaacatggtg acctggctgg 56817693

gtgtggtggc tcgtgcctgt catcccagca ctttgggagg ctgaggcagg 56817743
cggatcacct gaggtcagga gttcaaggcc agcctggcca acatggtgaa 56817793
accacatctc tactaaaaat acaaaaaatt agccaggcgt ggtggcaggc 56817843
acctgtgatt ccagctactc cggaggctga gcaggagaat tacttcaacc 56817893
cgggagggtg agattgcagt gagccgatag tgccattgca ctccagcctg 56817943
ggcaacaaga gtgaaactcc gtctcaaaaa aaaagaaaga aagaaagaaa 56817993
gaaagaaaga caaaagaaaa catggtggtc agtgaattaa ggtggcccag 56818043
ttaatatcca gtcagttccc acctgaatgt cagatgtcct ggagtgctga 56818093
gatgtgtcca gaattgctag ctaccagct agaaaagcta ccgcaaggtc 56818143
atctcgggaa aagggaaacca caaatgtccc agttaagagg atggatagtt 56818193
tcccagggtt ggagtccttt cttttcctag tcaccccaa acacttaaga 56818243
ggcctatggg atgggcaggg gagcaggag agcctcactc ctctccatc 56818293
tgttgggaga gcctcactca caaaacagc gttgccttgt ctgtgtcata 56818343
tgcacatgt gagtgcata agtcccttg tccagggact tcccattagg 56818393
cctggagtgt ctcccatgca aagagcccgc tcctctgttc ctgggacaca 56818443
cctctggcag tcccagaggt tgcccattca tcttgacttc tggaaagaag 56818493
cctatagtga gaaaggagca tgtagtcaga aaccaccaag tgcagcatag 56818543
ttctacataa ctacagcat tcagtagttt tgtgtttgtg cttttctttc 56818593
ttttccata cagtagttca tctgatatgt gcagttacgc agcacctgtt 56818643
aagtcagagg gctgggatgg tgaggtcgcc ctgtaaactc tgggcaaatt 56818693
actccatttc tgagccatct tttgccatct gttagaattt ctgatcagga 56818743
tttaatcggg gttggttgtg aaagagtata tgaacatgct ttgataaaga 56818793
agaaaataag tgggcccaggc acagtggctc atgcctgtaa taccagtact 56818843
ttgggaggct gaggtgggag gattgcttga ggccaagaat tcgttttttt 56818893
tgttttgttt tgttttgttt tgttttgttt ttgacagagt ttcaatctgt 56818943
cgcccagact ggagtgaaat cacaccagc aatggcgtga tttcggttca 56818993
ctgcaacttc cacctcctgg cttcaagtga ttcaccttca gcctccaag 56819043
tagctgggat tacatgtgcc caccaccag cccagctaatt ttttgtattt 56819093

ttagtagaga cagagtttca ccatgttgcc caggctagtc ttgaactcct 56819143
cacctcaggt aatccacctg tctcagcctc ccaaagtact gggattacag 56819193
gcgtgagcca tcacgcctgg ccgaggtcaa gaatttgaga tcagcttggg 56819243
caacgtagca agaccagtc tctacaaaa aaaagaaaa gaaaaaaaa 56819293
agagagagag aggagagaga gagagaaata aatgaaatgt atcccagttg 56819343
aacaacagtt gagctgaggt gtaagcctcc agatgaagga agaaggagca 56819393
gccctcctgt aagctgagag ccctgtcctt aataaccctg tcctattgag 56819443
aatgattttt cctcttcctg gatcatgaat gcttgctcag tgagccattg 56819493
ccatcccttg caaaacagac tgaccaaatg ctggcaagga tcagggagac 56819543
gagtataaac aggtatagcc acttgcagga aaccctttgg tcatttctta 56819593
gaaaatctac atacatctac ctcatgacca aggaattcca cttctagata 56819643
ttaatccaag agaaagaaaa acataggtcc acaaaaagac atgtccagtt 56819693
ctatatatgg cagctttatt cataatatta tgcaaccctg gaaatatctc 56819743
agatgttcat tatcagaaga gtggttcaaa acattttgat atattcataa 56819793
aatggggtat tactcaacca aaaaaatgag aactgatat attcaacact 56819843
gattgaatct caaaaacttt tttttcacct ataacgtatt ctatgataaa 56819893
cattattttc aataaaataa gtcaaacaga taagaatatg cacttcattt 56819943
ctgtgaagtt caggaacagg gtcatgagag gggatgcctt agaaaggagc 56819993
accatgggcc tgtgaggtgt caaggaagct ctgtgtctgg ttttgaagg 56820043
tggttacgtg ggcacataca tctaccagaa ctgatgtcag cacagttagg 56820093
atctttacct ttcattgtag gtgctttttt tttggtggaa aatcaaactt 56820143
agttgggcat agtggctcac gcctgtaatc ccaggacttt gagagacca 56820193
cgtggaagga ttgcttgagc ccaggagttc aagaccagcc taggcaacat 56820243
agggagacc tgtttctaca aaaataaaaa aattaacagg acgtggtggt 56820293
gcacgcctgt ggtcccagct actagggagg ctgaggtggg aggattgctt 56820343
gggcctggga ggtcgaggct gcagtgagct gtaatagggc cactgcactc 56820393
cagcctgggt gacagagtga gaccctgttt cacataaata agtaagtagt 56820443
ttaaataaat aaataaatac aaatttttaa aaatgtatat ctaaataaga 56820493

gacagggctt aattactatt gcaaacattt tattacctta gcagattgta 56820543
agggttgaaa ccaaaacttc aagttttact tgttttagaaa ctccaacagt 56820593
tctaataaat aaagaggatt ataaaaatcct gggaaggatt agcatatgct 56820643
gcttgaggtc aactgctcg ttagccatac catggatgat ttgcaggcaa 56820693
cccgtttttt cctcctaagc ttgaaagcta aaaatagaat taaaggatgat 56820743
aagggcatca attcccagac agctaagctg tttaaacat ttatttattt 56820793
atattttat ttatttattt atttatttga gacagagtct cactgtgtca 56820843
cccaggctgg agtgcagtgg tgcaatctcg actcactgca acctctgcct 56820893
cccaggttcg agtgattctc ctgctgtggc ctcccaagta gctgggatta 56820943
caggcacccc ccaccgcgac ctgctaattt ttgtattttt cgtagagaca 56820993
gggtttcacc atgttgacca ggctggctc gaactcctaa tctcaggatga 56821043
tccgcccacc tcagcctccc aaagtgttgg gattccaggc ctgagccacc 56821093
gtgccaaggc tgtttaaac ttttataatt gcacattcct ttttagatat 56821143
aattttcttt cttttttact tatacaatat taagaggatg aagtgcagtt 56821193
ttgttacacg gatataattgc agagtggatga agtctgggct tttagtgtaa 56821243
ccatcatctg agtagcacac attgtacca ctaagtaatt tctctctcac 56821293
ccctttccca tcctcttacc ctccaaagtc tccattgcct gtcattccac 56821343
attctgtgtc catgtgtgca gattatttag ctcccactta taagtgagaa 56821393
catgcagtat ttgactttat aaattgtttt acttaagata atggcctcct 56821443
cttccatcta tgttgctgca aaatacataa ttttattctt ttttatggct 56821493
gcaaaaataca taattttatt cttttttgtg gctgaatggc attccattgt 56821543
gtatgtatat atatataat atatatacac acacacacac acacacacac 56821593
acacacacac acacacacc cacattttct ttacttttat ttcttcattt 56821643
atttttattt caaacactag tgtcaagggc tttcagtaga tcatggcgaa 56821693
tttgcttctc tgctaagtag gaaaccctga ccagaagca ggtgggtcta 56821743
ggaccagaa tccaggttcc ccatgaatgt gtgccacgtg atgggcccagg 56821793
gtgcgactgc atttccagct gcaccctgtt tcccaggagg agggcctctc 56821843
tgactggac ccagtcctg gcattgggga gagtagtctc ctagtgggga 56821893

cagtggggac cagccatcca gggccaacaa ggcccatgga ggctctgtgg 56821943
cgctgccata ggttccacct gagtgggatt ctgacttggga catgttcagt 56821993
cataatccca cagatggcag attcgcccca ttggctcctc agcacathtt 56822043
ctttatctag tcatccgctg atggacatht aggttggttg catatctttg 56822093
ctattctgaa tagtgctcca ataaacatac aagcacttgt tctttttaat 56822143
gtaatgatat cttttctttt gagtagatac ccagcagtga gattgctgca 56822193
tcaatggtag ttccagttht cattatthga gaaatctcca tactgtthtc 56822243
cacagtagtt gtactaattt gtattcccac caatagtga taagcattgc 56822293
cttttgtctg caacctcacc aatatctatt gacttcttgt ttttccactt 56822343
ttgaataata gccattctga gtggtgtaag atgaagtctc attgtggttt 56822393
taatttgcatt ttttctgatg attggtgtta atgattagtg atgttgagga 56822443
tttttttcat atgcttgctg gctatttga tgtatttttt ttgaaaaata 56822493
tgtattcatg ttctttgccc actttttaat ggggttgtht gtgtgtgtgt 56822543
gtgtgtgtct tttttttttt ttttttgagt tgtttgagtt tcttgtaaat 56822593
tctgcatatt agtctctgt cgaaggcata gtttgcata actttctccc 56822643
attctgcagg ttgtcggthc attcctgttg agtatttctt ttgctgtgca 56822693
aagctthtta gtttaagtaa gtctcatttg tctacttttg tttttgttgc 56822743
ctgtgcttht gaggtcttag tcatgaattc tttgcctaga ccaatgtcca 56822793
gaagtgttht ccctagattt tcttctagta tttttatgct tcatgtcat 56822843
acatttaagt ctttaattca tcttgagttg atttttgtat atggtaagag 56822893
atatggagtc cagthtthcatt cttccgcata tggcaaccag tttttgtagc 56822943
accatttatt gaaaagggtg tcctthtccc agtgtatgtt tttgttgact 56822993
ttgtcaaaga tcagttggcc gtagattht agctthtatt ctgggttctc 56823043
tattctgtcc cattgatctg tgtatctatt tttatgccag taccatgctg 56823093
ttttggtgac tataccttg cagaataatt tgaagtcaag taatatgatg 56823143
cctctagctt tgctccttct ggacaagatt gctttggtat ttgtgctctc 56823193
ttttggttcc atatgaattt tgggttggtt agacataatt tctaagatat 56823243
attcaggttht cactthttht ctttaatttht atgtatttht tthccaataa 56823293

ggctataagc ttaagtcaaa aattgttttg cttatagctg aagagtccct 56823343
gctttcagcc tgccttgtga ttttcatctt gttgcagttg aattaggttt 56823393
gtggcacctc tgctttttgt agttttcgta tcaacacctt ggtttttggc 56823443
tttttactaa ttttgttttt tttttttttt gagacagagt ctcgctctga 56823493
cgcccaggct ggagtgcagt ggtgcagtct tggctcactg caacctccgc 56823543
ttcccgggtt caagcgattc tcctgcctca gcctaccagg tagctgggcc 56823593
tacaggcgcc cacctccatg tccggctaata ttatatatat atacatacat 56823643
atatatatat atatacatac acgtatatat acgtatatat atacacatac 56823693
atatatatat gtgtatatat atgtacatat atatacacgt atatatatat 56823743
atatacacac acacatatat atatacacgt gtatatatat atacatatac 56823793
atatatatat acgtgtgtgt gtgtatatat atatatatat atatatatat 56823843
atTTTTTTTT tttttttagt agagacaggg tttcacctatg ctggtcaggc 56823893
tgctcttgaa ctcttggcct caagtgatct gccaccttg acctcccaa 56823943
gtgttgggat tacgggcgtg agccaccgca cccaaccggt tttttactaa 56823993
atTTTAAAAA ttacaagggt aaaatacaat gaaatactca aggaattgcg 56824043
tgaacctatc cttttgtaca gactgagatg actctcctgg tgacctgaa 56824093
ctcgtagggg cagcagggtg aatgtacat tcactacttg gtggaaagaa 56824143
gtctgaattg gggaaagtatt tatacatatg tgaaattcca ttgtactagg 56824193
gtgtcctgta ttttatctgg taaccctggg ggcagtccta tgagctgcgg 56824243
ggcacctgcc ctggagactg aggcaggag tcaaagcgac atgagattgg 56824293
ggataggttt tgcattgtccg tggaaagggc ttgctgatga atttgatttg 56824343
aagattgaga aacagaggaa tcaagggcga cttcttgggt ttaaacttca 56824393
gcacctgggt ccctttactg agatggagaa gatgggaggg gagtgggttt 56824443
caagtgtgtt gtgatatgga caggtcttat tgatgggggtg tgggtggcgt 56824493
ccaaatggag atgtggaagt ttgattctga gtgagctcaa tatcgtcgtg 56824543
gtgtgttcta ccacgtccct tctagccctt tccgcgcttt ctcccatac 56824593
gtgtttccct gctcaaatgg aaggagagag gaacaactta gagcacagtg 56824643
tgactggggc aagctacctt agagataatc atttaaacac cagctagact 56824693

gctgcaagaa aagaaatgat ggtaaaaata aatgtactcc aaaggaattt 56824743
gactaaagaa tatttcaccg tgtaacacat ttctgtgtgc cccttttgca 56824793
atgtatcatt aaggatgcat tgctaggcat aatgaaacaa aatgtttttc 56824843
gtaatgaagt ggttattttg caatgaaagc cagtcaagga aagaaatcag 56824893
gcttgaatac tcctagtcac aacctttata aaatctaacg ttatggttag 56824943
actataccat gcctgcgctt aagtagtttt tgaaatttta acccaaataa 56824993
gaaattcttg gctgggcatg gtggcttatg cctgtaatcc cgcactttgg 56825043
gaggtcgagg caagcggatc acctgaggtc caggagtctg agaccagcct 56825093
ggccaacgtg gcgaaacccc gtagctacta aaaatacaaaa aaattaactg 56825143
ggcatcgtgg cacatgcctg taatcccagc tactcaggag gctgaggcag 56825193
gagactctct tgaacctggg aggcagaggt tgcaagtgagc cgagattatg 56825243
ccactgcatt ccagtctggg tgacagagtg agactccatc tgaaaaaaaa 56825293
aaacaaaaca aaacaaaaca gagaagaaat tccttcatta taaggaaaaa 56825343
agaaatgcac ataagcacag ttacaatatt atatttcctg attaaaaata 56825393
tgtattcttt taatggacta caaatattat aatttttctt aaaatggccc 56825443
gtgtgtaaaa agtttattcc cttttacttt acttttatat agtaatgaaa 56825493
tttcataatt aaatctatat tttgtattat caatatttaa ccactagaag 56825543
aattgatgat gctacttatt aaaaatgaca agtgatgtaa tagagttagt 56825593
gggatgtctg cctgttgaaa ccattttact aggtaagtat ttttattaca 56825643
aaggggttg atataaactg gcctcatatc caaaaacctt tttgcaaaaa 56825693
tcaaaaactg atatatcctg tgttcgcttc cttttccctg ggcccctctg 56825743
ttaaaatctt ttagcaaaaa gattttacca aataattcac attgaaatat 56825793
aaatagtttt aaagtttgct atgttgcttt ctttccaaag gtattcagat 56825843
tttagtaggg gacaaaagtg tcccctaagt caagtgagta taagaattac 56825893
ctatattggt tgctacaaat gcaaatatcc acagcctcct tgtaaagtct 56825943
cattcagggg ctgcctactg cagggcccaa gaatctatat ttttaacaaa 56825993
tactctggtc attcttggga ctagcaaatc tagaaaacac caacttgaat 56826043
aaaacgatta aagttgtgct tgctgaattt caactacatt aaaggtacca 56826093

gtgctggagg agatTTTTga ggggttgagg agaaataatt acacataaat 56826143
tattttatta atgaaatgat tcagcaaagt gtaaacgccc gtaatgggct 56826193
tggcagtgtc ctggggctga aggtactgag tagaatagga cgtgagacaa 56826243
gtgctctact tgaaataagc acagacgtgg aagaagggat gtgtagtttt 56826293
gtctggggat tcggcacagt ttttatggag gatgtggtct gtgaaatggc 56826343
tgatttgaaa catgaaggag gctgcttatg ggatgggtta ttctgggaag 56826393
caagcaagtg cgagggcacc agaaggtatg aagggccttg gactactggg 56826443
ctttcttatg gctgcgagag aggatgagtt ggaatgagat gagcagctta 56826493
tgaaaccagg aagacagggtt attgtggagg agtgacttgc taagctctat 56826543
cagatgagca atgagcagtg aggaaacagg ggagagatga aatcatggct 56826593
gcttttggaa agataagtgg actagcatgc agcatggaga atggagaggt 56826643
ggagggttgt tgttggtgtg tgtgtgtgtg tgcacgtatg acagagagag 56826693
aaagaagagg gaatatgaat ggcatgggaa ataagagaaa ggaggccag 56826743
gtcagagggg ttttaggatg gcctgtgagg tgtaggaggg tctggaggtc 56826793
ggccgtggag tggagaagag attgaggact caggcactaa tctaagggga 56826843
agggggacac tgtattctaa gggggccagt cctgctgctc cctgtaagca 56826893
ctttatgtat ttgacatgaa atatactgag atggcccca tactttaggg 56826943
tgcaaagtct cccctaaagt gagagtggaa gaagaaaaaa ggagaaggca 56826993
cttatttgct catgtgagcc gtgtacagtt ccttcagagc tcagagaggc 56827043
actatgcagt gaatcaagcc aggtcagctg ctgggactag gggcctgggt 56827093
aggtcacagc cctgccggcc atccacatgc cttccaggaa cacccaatc 56827143
tctggaacct ttctgaggc ctccattttc aggaattttg ttaggaatcc 56827193
agataacaga atggccatag tggtgattat gttccttcta cctccttttc 56827243
atcagcctcg ctcaccttac cttccagac atgagaaaac agtttacta 56827293
caatatccag tagatttacc taattggtaa aataagaaag gccaaaggaag 56827343
ttgctcttct cttcactccc acccctcctg ttcattttgt ttgtaacaat 56827393
agagccaagt ttcaaacaaa thtagaaaag gtgagcaatg ctaatgatgt 56827443
gtttcagatg ggattcaggg acaactcaac ttgaaattgt ctcttagcca 56827493

tctgtttggtg tgcctgggggt ttcacctgct ttgaattagg gtaatttaat 56827543
aattgtgaat tagactggga gagtacaaat ggttttgtta attagattaa 56827593
aacgttacat tttataatac ttactgtatt aacctatgggc tgatgacgct 56827643
gcttgtagcc tgtgttaaag ccttatctat tatctgctct ttcttttgaa 56827693
aatctctttt atttcagttt ccatcgctgt gttgcagctg tccaacctct 56827743
ctggcattct agaatggatg ctgcctgcct tccatattcc aacgcataag 56827793
gttctttgcc tgatgtcttg tgaacataca caccgcaatt ccagatacca 56827843
ttaagcctct gctatccagg tttatttata ttaactatag tttgtttaa 56827893
tatattttat taaactctt aaaaaaatac ttctgtgaaa ccagaaccaa 56827943
acaaagaagt atttgaggtc ctggatcttt aaattttgtg atcttgggcc 56827993
tggctcatgc ctgtaatccc aacactttcg gaagccaagg caggcggatc 56828043
acctgaggtc aggagtttga gaccagcctg gtcaacatgg tgaaaccccc 56828093
tctctactaa aaatacaaaa aattagctgg gcatggtggc ggatgcctgt 56828143
aatcccagct actttggagg ctgaggcagg agaactctct gaaccaggga 56828193
ggcggagggt gcagtgagct gagattgtgc cattgcactc cagcctgggc 56828243
gagaagagca agactccgtc tcaaaaaata ataaaaaatt aagaaaaata 56828293
agtaaattct ccttacatat aaaacatatg aagcagtgct gccaaagaga 56828343
gagagagaaa gagaaggaaa gagagagaga agagagaaaag agagcgagcg 56828393
agcgagagac atcgaggata agagagaaca aagatgatga tttctgaaaa 56828443
aaaggaatgg atattcaata agcctgtact tactatcacc ataagctcta 56828493
agatatgaca tgagtatggt tctattttaa tacctctaaa ctcaacaatta 56828543
atggcatctt aatattttaa agggtagcca ttgtttttaa agcatataaa 56828593
ataatggtat aaaaattaga gctatcttaa gttcagtaaa tatagaactt 56828643
tgagtaagtc aatttgataa ttcccctta tggtaaatta tctcatgata 56828693
gtttcatggt taactaaatc ttcagaaaaa atttttattg agatgatcat 56828743
tggctaaaaa aaatggtgggt atttgattgg ttttaaagag aacttattt 56828793
tgttttttga ggggaaagtg aatattgaga aaaaatagtg actgtgttca 56828843
atgttacgct ttaaacatca gtaaaactgca actgacaagg ctgtttccta 56828893

ttacctactg ttaaattggcc ctgttttcta acttaaaaaat ggtgcttcta 56828943
aggctaaacc ttcaatttct tctggacttt gtcaggttac tttgggtgat 56828993
tttgaaagat ttccatacat aatactgctc tggaaggggtg cgtgcgaata 56829043
tggttcacia aagcagtga gacatgtatc tacaccgagg acagcatgtg 56829093
agctacactg caacaactgt tttagatggc cagcctgtgt ttgacgatga 56829143
tccctgagtg ccagatgtga aggaaaatat aaatccctca ccatgtcctg 56829193
aattccacia tgcctctccc tcctcccctg ggagtggagc caggctgacc 56829243
tctctctggc tccatactgg aaatgtgtgt ggcaatggca gcattgccct 56829293
ttacccccat cccaatactg caatggcacc ttaggctgtg tgtgtgtcag 56829343
acagaaaaat aaaacatcag atttttgtta attttgggtg atgagtgagg 56829393
tcagggatag ttattatttt gagactgcta tttttttttc tcttttttaa 56829443
aaacagatgg ggctgggcac aatggctcat acctgtaatc ccagcacttt 56829493
gggaggctga gggagggtga ttatttgagg ccaggagttc aagaccaccc 56829543
tggccaacac ggtgaaacc cgtctctact aaaaatacaa aaattagcca 56829593
ggcgccgtgg tgcattgccag taatcccagc tactcaggag gctgaggcac 56829643
aagaatcacc tgaaccagg agacgaggct gcagtgagcc aagatcacac 56829693
tattgcacat cagcctgggt gatagagtga gattctgtct aaaaaaaaaa 56829743
aaaaagagag agagagagaa agatgggatc ttgcgctgtc acccaggctg 56829793
gagtgcagtg gtgtgattgt aggtcactgc agccttgaac tcctaggctc 56829843
atgtgatcgt cccgcctcag cctcccaagt agctgggact acaggcatac 56829893
accaccacac ccagctaatt ttagtttttt gtagagatag ggtcttgcta 56829943
tgttgcccag gctggtcttg aacttttggc ctaaactgat cctcctgcct 56829993
cagcctctca cagtgtctggg attataggca tgaaccacca aaaactgcag 56830043
tttaaaagtg tttatatcct ggatacacta acagcatttt gtccaacttg 56830093
tggagtggag ggagttagga aggggaggat agtgctaatt aactgtgaca 56830143
ggggctagca agaaagaaag aaaaagagtt ccctaagtaa gctcctactg 56830193
ggtgtcctcc actcacatgg agacagggcc ctgcctttta ggcacttact 56830243
cttccagtgt ctattgcata atatgttcag gaaggatccc agattcaaag 56830293

atztatagaa ttagagttaa aagggataga tatcttgttt gaccctgaaa 56830343
aaattaagga atatgcttga gatattcaat ggcagaggct ggaatagatt 56830393
ttcccaaadc tcctgatgtg aagttctgtg tttgtcaaac atgactgtgt 56830443
aaaaagatta atttaaactt aatgacatgt tgtattcata gaagttcttt 56830493
gggtttctgt ggaaacctcc tcttgctagc ttaagcagaa atgggggatt 56830543
tattggaagg aagctgagat attgcaccaa actgcacaaa attgaatgaa 56830593
gagctgacta agcaaggctg cactgagaag gaaccagggt ggtctgggct 56830643
gtggtagcgg cagcagcagc ttgcagatct cccagcgctg atgctggctc 56830693
gactcagaca ggtctccact ctctgctgtc tgtctctggc tcagacagga 56830743
cactttgtgt ggctgtttcc ttccacaagg cctcagtggg agcaagccag 56830793
cctcccacag gcctctgaga cagaccaccc cattcctccc tctcctgtta 56830843
acctgccttt atttccttaa ttgcacttat caccatgcag aagcctatgt 56830893
gtttgttccc ctgtggagat gtaaaaacac tgatgccag gcctaactcc 56830943
cagagactct gattgaactg gtctgggcta tggagccggg acatttgcag 56830993
ttttcttaca agctctaagc tgcagccagg attaagaatc attgccttct 56831043
gcatcaacag gacaaataca aatgtgcag caaaatatac gtttaagtga 56831093
atcaagaaga cagatctaga aacgattgtt aaggaataat aatgcatttt 56831143
gtccatcacc acacataagt gatgttgacc agagccctcc cagattgagt 56831193
ggtgccaggt gttcgggggt gtctcgggta atccttacta tggccttgcg 56831243
gggtaggggg cagtgtcctc attgtccaaa tgagtactg aggctgaggg 56831293
attcaggctc agtगतgcc cacagttctt tggcaaacc caccactggg 56831343
ccagccaact acacggggat tctgatcggg tcctgatggg tgcccatgat 56831393
gggctgtgca aaagtgggtg tgagatttct ccaccttcac ggaggtggta 56831443
cccaggggag gtggacttca gcagcgagaa tgggctgggt gcagtggctc 56831493
acagctgtaa tcccagtgtc ttgggagttc gaggcaggag aattgcatga 56831543
gctcagttgt tcgagaccat gggagaccct gtctctacaa aaaaaaaaaa 56831593
aaaaaaaaaa aagtgatagt agtcagacat tcccagacag caggactgtt 56831643
gaatgttggc ctgtgttacc aggagataac acattttaag cagaaataat 56831693

aggggagaaa gaggatctca attatttcaa gaaaagcagg acttgctggg 56831743
ctttcagggc taattaaagg aaataggaaa agtgaacatg tgtgagaatc 56831793
taaacctaac agttgtttat tgaaaagaag agaaagagtg gagagggaaa 56831843
tgaagttttg atttttgcct ttttaggaaa ttgggatata atttagtgtt 56831893
cgtactttaa gttagtgtag agtttgagtg agaagaatga ggaacataaa 56831943
tatgaatgct ctgttaatat agtgcttttc atagaaataa tggaatagaa 56831993
tacgcttcac tgccgggtct ggaaaccctc cctctgtcag ggtgatttag 56832043
aaattgactg attttaccat ggagggatgg gatgggccac aggctggggt 56832093
ttgaagaaag aatctataat ctttttggtc ttaactatta ggcaaattta 56832143
gcttcctggg ctcagaaaga aaaaacacac ccacaaaaag aaaaacccat 56832193
gcccgtggga acaagtaact tcctcctcct ggggctgctt gaaaacccta 56832243
atcttcctct caccaggcca agtcccttcc cttctcagcg ggaggccagc 56832293
tggggcatcc aaaaagccac aacgggcctt ggggagggag aatgcacccg 56832343
tctgggtgag cagttgaacg tgcattggct gaggtgtgag gctcgggaaa 56832393
tggctctcca ggcaaagacg ctgcttgag gcaactttat aattctttgt 56832443
acctgggaaa gtgaaggggtt gggcgggggg agtgggggtg ggagctttgt 56832493
cacgtgacc cactctttgc ttctttgtct gtcctccaac ttaacatggc 56832543
ttgaggctga aaaacagaat tcctcatttt ttactcagtg acaaaatcag 56832593
agaaaaaagt caatgccaat tgaaaaagac atctgcaaac atagaactgt 56832643
tttttctgcc aaatatgtga gcatgggctg taaatatagt aaaataattc 56832693
agcagattaa ttgtgggaag gccagtgtga gttggggaag aatctgaaac 56832743
ctggaccact agaattccag taaagtgaag agagggatag aattgaggta 56832793
gagctggggg acttggggac gcatcagaca ttatctggag tgctgtgaaa 56832843
attacaccgc tttctttgtt agcaggattc ccattcataa agcctcttta 56832893
gcaatttttg ttaacaatt ttgtttgtgc agaatgtcac agcaacattt 56832943
cttaagtgtg atcatgtcac tataacctgg ctttccttgt tttggaggac 56832993
gggggcggat aatgggaagt aacgcattgt ttacttgctc tgagagagca 56833043
tttaacatat gctatttcat ttaatcctca tggtgacccc tgatggagga 56833093

ctgttatcta cccttcacag atgaggaaaa tgaagtttaa tgaagtaact 56833143
tgcttatggt tatatgtctg ttaataaatg gaagaacaag gatagacca 56833193
atttcccctc attccaaagt cctttgctgc tttacttcag gaaatttttt 56833243
ttttgagaca gtatctcact ctgttgccca ggctggaggg cagtggcata 56833293
aatcttggct cactgcaagc tccgcccctc ccccccttgc cttccccac 56833343
cacccccca ccgggttcca gcaattctcc tgcctcagcc tcagcgggat 56833393
tataggcatg tgctaccacg cctggctaata ttttgtattt ttagtagaga 56833443
cagggtttca ccatgttggc taggctggtc ttgaaactcct gacctcaggt 56833493
gatctgcccc ccttagcctc ccaaagtgtc gggattacag gcgtgaacca 56833543
ccgcaccag ccaggaagat ttttaagtaa aagattttca gccacattc 56833593
tttgaatgat cacagattat cagataatgg gggacatttt gtttgttttc 56833643
atcgtctaga tacgtctgaa acgaaaacaa ttttgggagt taacatttat 56833693
taatcatcta ttataaacca aatacattgt agctaataat taaaatata 56833743
tctattacgg aattgctgct gaccacaaac tatggaataa gcacgtggaa 56833793
tttctaagtt cactttaatt caacaactgg tgctttgttg ctgacttgg 56833843
aaccaggtgg ccactgtgt atgttttatt gaagcaagtt gtctgcaaag 56833893
aagcgggata gacagggctc gtcctcaagg ggtttacagt ctatcgagga 56833943
gagagctata cacgtactaa ctgatagaca cctctagagt tacataacag 56833993
acataaagtt gtacataaca gacataaagt tgtactataa gagatgtcct 56834043
ggggcttggg acgaaattcc aaattgattg tggagagaag aaatctgagg 56834093
ggagaaggat gtgggctgct ggagaccagg caagatgggt tttgagttac 56834143
gtttggaaga caggtgagat ttgcataaat gggtaggagt gcatgagcca 56834193
agatgaaaag gcaggtgatg ccaccgtgcc aattaggagt ctaacatttg 56834243
gagtaacaca ggtgatggtg aggcaggttg aggccagcct gggagaggca 56834293
gggaggggca ggttgaatat ttcaggtttt gtcctgttgg caggagtgtt 56834343
gatagcagta ttacaaatga tggatatatta gtaataataa tgtttaaaat 56834393
gtattgagca tttactccac tggatactct ttattccaca gatatttaca 56834443
gagcatttac aagtccgaa caatgtttct tgcaactgata atacaagggt 56834493

gtgcaaaact gacaggaatc cctgctctca tggagcttac agtaacagag 56834543
gagcgatgga cagatgataa aataggtaca ttcttccgtg ggtgctgtag 56834593
ggaagcataa ggaaaggagt gggaggagaa tgaatggata agggagatca 56834643
cagtttcatt tttatTTTTT ctttgggcag agtctcactc tcactcagtc 56834693
tggagtgcag tggcataaac acagctcgct acagcctcaa cctcccagac 56834743
acaagcaatt ctctcacctc agcctcctga gtagctgggc ctacaggcat 56834793
gtgccaccac gccagctaa tgtgtttaa ttttttatag agagggggtc 56834843
tcactgtgtt acccagacta gcctcaaaact cctgggctca agcgattctc 56834893
ctgcctcagc ctccccagt gctgggatta taggcatgag ccaccacacc 56834943
tggctgacat cacaatttta aagcctgggt ctatgtgtgc cagtgtatta 56834993
atztatctaa tcaggtaa ataggtaga agacagtctc cgaagaatta 56835043
taaacgtagg ctgggtgtgg tgactcatgc ctataatccc agcactttgg 56835093
gaggccgagg cgggtgaatt ctcaagagtt caagaccagc ctggccaaca 56835143
tggtgaaacc ccatttcaac taaaaataca aaattagccg ggagtgggtg 56835193
cacacgcctg taatcccagc tattggggga gctgaggcag gtgaatcact 56835243
tgaacctggc aggcggaggc tgcagtgagc tgagattgtg ccactgcact 56835293
ccagcctggg caaaaagagc gaaattccat caaaaaaaaa aaagaatttt 56835343
gaatatgaag taacatgaaa atagaattca taaagatgag tgtagcaaaa 56835393
cgggaggggt ccagctggga ggcaacctca gcaacctggg atggttagac 56835443
gtagcagggc tgttgtagca attaataatta ggtagggttt agtagagaaa 56835493
ggagaccaat atagggaaaa gaaatcaaaa ctactatct gctccatgcc 56835543
tttccgagcc tagaatccaa gtgcaattat atcgcaaaac tgacagggct 56835593
tgagggaggg tggacctaat gagtaaaatg tgaagcgaag gtgacaggat 56835643
gactgagggg ttgagcctcg ggtgactgga atggtgagaa aaaacaattt 56835693
tcagtaagga agatggaaat tcaatagaat tgtctgtcat actatttaag 56835743
taatttaaaa attttttgaa acgaattggg ggtggcctct aaggtactga 56835793
tcctttctga gagtcagtag tttctcctaa tggcagtgcg ggcaatgtga 56835843
gagataaagc aggtgggtcc cggtgccagc agaactgctt ccccttccca 56835893

gcacatctgc tcagtttccg cctctctgtc aagctacacc tgctctgtcc 56835943
taacctgccca tccactgctt cccacttcca aaaatttctt gcttacagat 56835993
tcccaaatat gcttgcttca cagcattctg agtgtctata attttttcaa 56836043
ggcaaccgga cagcagaaaa aatacaggag agtttcagtt agtgaatatt 56836093
taggtcaaac aacttttttt tttgagacag ggtcttgctc tgtccccaca 56836143
ggctggagtc agtggcacia tctcagctca ctgcaacctc cgcctcctgg 56836193
gttcaagcga ttctcctgcc tcggcctctt gagtagctgg gattacaggc 56836243
gcctgctgcc ataccacact gatttttgta tttttagtag agatgaggtt 56836293
tcaccatggt ggccaggctg gtctcgaact cctgacctca agtgatttgc 56836343
ctacctcggc ctccaattg ttgggattag aggcgtgagc caccgcgccc 56836393
ggccaagatc aaacaactta ataaatgttt gttataatga cttagtgcc 56836443
tttgaaaaaa aaaaatacac atacattgaa agaaaaatat gtttttatat 56836493
tattcttaaa tgaccacagt tattctcaaa tgggatgtgt acaccctgcc 56836543
gcacaacttc tccaacctta gaatcatatt ggacaccac attctcactt 56836593
tctggtggta cttgtttttt ctttttcttt cttttttttt tttattatag 56836643
caaccacaga aaaccagtt ttacaaatat atgctgctgt tgaaaggaag 56836693
atagcatgat ctaatgttga aacagcacta ccttgagtga gtacctctca 56836743
cgatgtgtga gagatgtcat tgtgtttccc ttgaaaattt gaaatatccc 56836793
agggcacctc tgtgacttca ccatggcacc gggagggcct caaacacag 56836843
tttgggaatc atggtacagg cctgttctat accatctggt ttccttctca 56836893
attttatggc acttcttggc atcctcattt ttttttttct ttttttgaga 56836943
tgaggtcttg ctctatgatc caggctggag tgcaatggtg taatcttgac 56836993
tcaactgcaac ctccatctcc tgggttcaag taattctcct gcctcagcct 56837043
ccctagtggc tgggattaca ggcgtccacc caccatgccc ggcttatttt 56837093
tgtattttta gtagaaacgg ggtttcacca tgttggccag gctggtcttg 56837143
aactcctgac ctcacgtaat ccacccccct tggcctcca aagtgctgag 56837193
attacacgca tgagccaccg cgcccagctg catcctcatt tttaagaaaa 56837243
taactggatc cagccatgac cttccatttc ctctttttca cttttaaact 56837293

cctagagtga gtttacagtg actctccagt tcacttctag tatcatatac 56837343
tgcagatatg tcacttggta agtcactgct ttggcttcaa gcttagtcca 56837393
aagaatggtt tcccttttgt ttgttttgag atggagtctc tctgttgccc 56837443
aggctgcagt gcggtgggtc gatcgtggct cactgcagcc tccgcctccc 56837493
aggttcaagc gattttcctg cctcagcctc ccaagtagct gggattatag 56837543
acaccacca ccacacctgg ctaattttta tatttttagt agagatggga 56837593
tttcaccatg ttggccaaac tggggtgatc cgcttgcttc agccttccaa 56837643
agtgttggga ttacaggcgt gagccaccgt gcccggcctc tttttttggt 56837693
tgttttgaga caggttctta ctctgttgcc caggctaggg tgcagtgggtg 56837743
caatcacctg tcactgcccc ctcaaactcc tgggctcagg caatcctccc 56837793
acatcagcct ctggagtagc tgggaccaca ggcgtacacc accatgcctg 56837843
gctaattttt aaattttctt ttgtagagac gagtctcatt atgttgccca 56837893
ggctggtctc gtactcctgg ctcaagcagt cctcccgcct cacctctgaa 56837943
agtgctggga ttacaggtcc gagccactgc gctccaccag aatgttttcc 56837993
aattctcatt ccacatatt tcttttgctt ttaaaatcct tggctaggtt 56838043
caaattattg cctggctttt gaccttcata ctttaccaca agctcatgaa 56838093
tatgccaggc ctttaaggag aagggctttc tatgtctttg tcttctgtga 56838143
accatttaa actccaccac agccatgcgg ggatgggctt tattattacc 56838193
tttttcatgg gtgaggaagc aggccgcccg tgacaccaag gcatcagaat 56838243
ggaacgaaa caccatctag aggtgctgcc tgtccacagt tatggccagg 56838293
ttcctgagga caccctggac gctggtgact ggtataaata agtgtcttgc 56838343
tgtgtttgat ttttaatttt tacaactata tttttataaa agtaaatcat 56838393
tatagctcat tgtggacact ttagcaatga agaaaaagaa aaaccaactc 56838443
accacagaag catacaagt tttatgtaaa aatttttgat tcagtttaat 56838493
ttgattttaa tattgcttcc aaacattttt attatgtaat cataatgtat 56838543
ataaaaacttt ttatcttggt ttataaaaat taaattataa gcatttttta 56838593
tttaattaca caattatttt agccatcctt aagaaatctt tatcactttc 56838643
aaggtgattc ttgcacataa tttaaaaacc aaataactac aaagctttaa 56838693

cataaaacag cagattcctg ccctaccttc ctgaagcctc tcccacgtag 56838743
atttaccccc cagatccaac cacttcctta tcttcaactc agtggctcta 56838793
ttatatccat tgaatggcat catgcagttt gtgtacctgc tgcccatcct 56838843
gtgtttactt aattgagtta ctgaatgggt gattgagagc aatggttctg 56838893
caggattagt aaacgctgat aaaggcctgt tgactatgca tgtatagatg 56838943
tgtaagttca gagctacatt atcagatgta ctttgccttg ccattttata 56838993
agcctaattt aactgtgcat ttcttttatc ataaatggct atgggcgtat 56839043
taggagtgat gactttatta ttaaacatta atagatctcc cagctcttat 56839093
cagttatfff ctgaacctaa aattgaagaa gtttgggaat taagccaaga 56839143
agatctaatt aaattctatt gtattttaa ccataattat taagacacag 56839193
caggtaacgg cctgcccttg ataattgtaa agactattgg gtgttaagaa 56839243
gaagcacatt atgtggatac atgcaacttc ttgtagaaat attttcaggc 56839293
agccctcttt ttaaaaatgg aggatccctt ttcagaaata ctgattcca 56839343
agcatgtggg ctgggtgctg tgctgccaca atatactttt aaaaaatta 56839393
atagacttta ttttttagag cagttttaca tttgtctggt ttttactgct 56839443
cctgtggag cccggctaac tcctaggcag tgcgcccaga gctgcagttt 56839493
tagattcaga taaattaggc agaaattaca gataattgcc atctagccat 56839543
cactgacttc ccaccctcaa ccagcttatt attaacatat aattaactcc 56839593
tgtaatgaac atgttacatt agtgtgttac atttgttatc actgataagc 56839643
caatgttgat acattaatta aaatctacag ttttcattag gattcactct 56839693
tgggtgtagta catttcattg attttgacaa gtgtataatg acatgtattc 56839743
accattacag tcatatagaa tagtttcact gccttaaaaa tccccattc 56839793
ttcacatggt tattcctcta ttcccgaac ctctggcaac cactgatctt 56839843
tttagtgtct ccatagtttt accttttcca gagtgcata cggttggaat 56839893
cacacagtat gtagcctttt cagattggct tctttcactt agtaatatgc 56839943
atthaagggt cctctatgtc ctttcatggt tgatagctta tttcttttaa 56839993
gcactgaata gtgttctggt gtctggatat aaaatggata aatattttat 56840043
ttatccattc acctaataaa ggtcatctca gtagcttcca agttttgtca 56840093

attaggaata aagctgctgg ccaggtgctg tggttcacgt ctgtaatccc 56840143
agcactttgg gaggcagagg caggcggatc acttgcagtc aggagttcga 56840193
gaccagcctg gccaacatgg tgaaacctg tctctattaa aaatacaaaa 56840243
attagctgtg tgtgggtggcg ggtgcctgta atgccagct actcaggaga 56840293
ctgaggcagg agaatttttt gaacctggga ggcagagggt acagtgagcc 56840343
aagatcacac cactgtacct ctgcctgggt gacagagcga gactctgtcc 56840393
caagggggaa aaaaaaaga aagaaagctg ctataaacat ctatgtgcag 56840443
gtttttgtgt gtacatacgt tttcaactca cttgggtaaa aatcaagggg 56840493
cacagttggt gggcatatg gtaagggat tgttttagtt tataagaaac 56840543
tgcaagactg tcttccagaa tggttgggtc attttatgtt ccccagcaat 56840593
gaattggagt atctgttgct ctgcctcttt gccagcattt ggtgtagtca 56840643
gtgttttaga tttttcctgt ttaatagta tatagtagta gagtatatct 56840693
cattgttgct tggtttggtc gttttgtttg agacagaatc tcgctctgtt 56840743
gccaggctg gaaagcagtg gtgcaatctc agctcactgc aacctccgcc 56840793
tcctgagttc aagtgattct catgcttcac cctctggagt agctgggact 56840843
ataggcaagc gccaccacgc ccggctagtt tttgtatttt tagtagagat 56840893
ggggtttcac catgttggcc aggctggtct ccaactcctg acctcaggtg 56840943
atccgccgac cttggcctcc caaagtgctg ggattacagt catgagccac 56840993
cacgcagggc ccattgttgc ttttaatttgc aattcccagg tgacatatga 56841043
tatggagcat cttttcatgt acttatttgc catctgtagc tcttctttgg 56841093
tgagggtgtc attcagatct gttgccatt ttaaaaatca ggttgtttgt 56841143
tttcttatta ttgattttaa gagttctttg tctatttcag ataccattcc 56841193
tttattagat atatattttg caaagatttt attttaatct gtggcttgtc 56841243
tttttatttt ctttaagaaag tgtctttcac agagcagaag ttttagattt 56841293
taatgaagtt caatttataa tttttcttt catggatcat tttttctttc 56841343
atggatcatt ttttctttca tgatcatgga tcattttgat gttgtatgta 56841393
aaatgtcatc accaaacca aggtcatcta gcttttctcc tatgttatct 56841443
cctaggagtt ttatagtttt ttgtttttcc tttaggctctg tgattcattt 56841493

tgggttgatt tttgtaatag atgtaagatc cgggtctaga ttatttattt 56841543
acatacttat ttatttactt acatgtggat atacagttgt tccagtacca 56841593
cttattgaaa aaaatatcct ttcagtgttg aattgtcttt gctctttttg 56841643
aaagatcagt tgactatatt tgtgtgggtc tatttctggg ctgtttattc 56841693
tattcatatg tactgagtct ttttgttact ttcagtgaag ataaaaatcta 56841743
ttttagtcta atcttggttt gtctttgact cttagtttcc tcatgagaag 56841793
cagggatccg tagaatagat ccttcttact gtttcttcca tctttactgc 56841843
gtgagattag tgagactaag tgagactaag acttagtgag actaagaata 56841893
cagtcgggat gatgcttttc tcatagaaaa tctctggatc tgtttcaaca 56841943
gctaccagat ctgtgtatgt gtctttgtgt ctgtctgtgt gtgtacaggc 56841993
atagtggcag atgtgatttc tggttatgtc ctttacattt tataacagga 56842043
tattaaactt aacattcatg aatgagtaag aaagcatatt tggcccaat 56842093
ctgtaacaga aaatatcaat aattgagtta ttaccagcaa ttaaaacatc 56842143
agatttcctg gcatgaagct ttcataaggg gatatttggc aatgtttgaa 56842193
gacatttttg gttgtcacia ctggtagctg ggaggcctgg agaggtgcta 56842243
ctggcatcca gtgggtagag gcccaaggat ctgctaagta tcctacaata 56842293
cacagaactg tcctctagaa caaataattt tctggcttga aatgtcagta 56842343
gtgctgaggt tgacaaacc tgttgtagag aagcagattt atttatatcc 56842393
atggatatgt tttcctcttt gccttgcct ctatagcagg catccccaac 56842443
ccctgggcca tggactggta ctggtctgtg gcctgtagg aactgggcca 56842493
cacagcagga ggtgaacagc agttgagcaa gcattactgc ctgaactctg 56842543
tctcctgtca gatcagcgcc atagtagatt ctcatagggg cgtgaacccc 56842593
atcgtgaact gcacatgtga gggatctaag ttatgtgctc cttgtgaaac 56842643
agtttcatcc tgaaaccacc acccccacc tgaccccgct ctgtggaaaa 56842693
attgccttcc atgaaaccag tcacggatgc taaaaagggt ggggaccact 56842743
gctctagcta acctagactc ctgatgattt gccatctata gctaataagc 56842793
agcagaagct tatgggtgta tacaacattc cacttctttt aggtgtcttg 56842843
agctgagttt cacttttttg taatttcata ataatttcta ttatgttaca 56842893

tgcathtag a taagctgaca actcttaaag tgggacataa atacactatt 56842943
atatgtat t ctgaatatgg gtggctggat tgttgatcat aaaaatctga 56842993
atctggaaac aaagttgatg tttaataact ctccttggtt ggctggatat 56843043
acataattca gactctgctt tgaatgtccc cttctgggtcc tttaaatggt 56843093
ctatttccct accttacgta agtttccatg agctcatctt gttttcatag 56843143
tgttcccttt tattgttaag agaaacaaaa ccaaaaaacc ccacttgttt 56843193
cagcaatgcc ctgttgctt cctctgtgtg aaattgctca actaagagtt 56843243
atgcaaatgg ggatgcgga cgtgggtggag gcttcttgca gcatgttgat 56843293
gggggaccaa gacctggtct tgcctcttcc tcctccccct gctggcttca 56843343
ttccgggtcat accagctcct gctgtggcca tcagctcatc ccaggacctt 56843393
ggcagggcct gtttctttta cctcacactg aagcccaaaa ctcttaggct 56843443
ccagtaatcc tcccagcttg gcctccagt gactgggatt agagatgtga 56843493
gccccatgc atggctactc tctaagttct tactcccacg gacaattaga 56843543
gtttgaagga ccttaggcca tgggttcaga ttatcttatt ttgcttcaa 56843593
attttaaaaa cttttttatt tttctgtcat atacatatac gtgtgtgtat 56843643
atatatataa gttatatata tataacttgt atatgttact ttttatatat 56843693
aataaaatat attatatttt taaataaaat atattatatt ttaaaatata 56843743
atatgtaact cgtacatagc acatattata tgtaatgtat cctatacata 56843793
accttatggt gtacataaat atgtatattg tttacctatt gtactatatg 56843843
tacatgtata acttgtctat gtattatgta ttataataaa atacattgat 56843893
acttgatac ataatttgta cacaatggaa aacattttta aaattttaga 56843943
ctaaggggaa ctgagcacia aacctaaggg cctcgaaact ctgattttat 56843993
acatatataa aattatacat atatgtatat aaaatatacc ttttaaataa 56844043
ggtatatatg atgggaaaat taaaaatttg caagggcaaa accaaaaata 56844093
gctgtagatg aacattgctg tagtttagcc tatttctttt cagacttttt 56844143
tctattcatt tgtacctttt ccctcaciaa atgatatcat gctatatata 56844193
ctgtttttac attttttcac ttaaataat tgtgaatata tttttatgct 56844243
aataaaatata tatgtattaa aatttaata gacttagta ttcttttgtg 56844293

ttgaagtatc atgttctaga tcaatthttcc aaaagccagt taccagaagg 56844343
gcaatttgat gttttctcaa atgttacacc gtaccagaag acttgthttct 56844393
tttaactact tgaatattat ttttatttaa aaaactttat gcattthttaa 56844443
tgtgcttttg ctagtthttc aaatgacata tcaacattgt ttctgcaatt 56844493
agaaaaaata aaattthaaat ttataagcct caaaaagaaa ttgtaagtga 56844543
ccaaatcatt tccaacacat atgacatgct taaactthtag tttctgagaa 56844593
ggtgaaatta ggatgtgtta acctggcagc tgthttgcaa accatttgag 56844643
ttgaaaggat agaaccatcc tgaaataagg aaaggaagtg ttcctgtgca 56844693
tagggatacc agaaagaagc agaagacttg aatctcaaat gtaataaaaag 56844743
atgacattaa ggttgaagaa tthttthaaa attaaaattc taaaaatgta 56844793
aggagaggta aagcaagaag tgaattagga aactacagaa acaaccatat 56844843
ctcacattaa acttaagcta ctaattacta gtgacagatt aatatagthc 56844893
taagaagact caataatcct tagctthtcta aaaaatagaa catttgthcaa 56844943
aatctthtaa aacaattata tatatattth ttgthttgtht gthttthgtht 56844993
tthttthtagat ggagcctcac tctthttgcc atcctggagt acagthgthc 56845043
tatctthggct cacagcaacc tccacctctc aagthcaagc aattctcctg 56845093
cctcagctcc tgagtagctg ggatcacaag catgcaccac cacgcctggc 56845143
taattthttgt attthttagta gagacagggth ttcgccatgt tggccaggct 56845193
ggtctcgaac tcctaacctc aggtgatcct cctgcccggg cctcccaaag 56845243
tgctgggatt acaggcatga gccaccacac caggcctaaa acaattatat 56845293
ttgataagaa ttattatact cgcattthata taccagggaa tactacacag 56845343
ccataaaaaa tgaaatcatg tcctgggcag caacatggat gcagctggaa 56845393
gccattatcc taagtgaatt aatgcaggaa cagaaaacca aattgcaggc 56845443
tctcacttht gaatgggagc taggcattga atacatagth atgthaaagat 56845493
aggagcaata gacacgggag actactaaaag tgggggaggg agaaggggag 56845543
acattcacca aaaaactatt tggthactatg ctctactacct ggatgthggg 56845593
atcatctgta ccccaaacct cagcatcttg caacataccc atgthaaaaa 56845643
cctgcacatg tathctgaa cthaaaataa aagthgaaat tathththaa 56845693

aaagaattac tatactctta agctatgaaa gcaccacaac taataccaac 56845743
tgttataaac ttaagctggt aaaactatcc catctaatat gacattacgt 56845793
aaatctgaaa taattaaaag ataccaatth tggatgaactg atcatcttgt 56845843
aagttgaaaa ccctcacaga actggccttg gtgatgtgaa ttttgagagc 56845893
tgatctgcat ttatttaacc agtgacctat aatttgacaa acaagcctat 56845943
ttctatatgg tattccaaac agtcccacaa taagtattct cttgtataga 56845993
actttgtgta gccccagtt attttcttat aagtaattta ttccaagaag 56846043
tggatcatggt gggtaagaa gtgtgtacat tctaacggag tttaatatgt 56846093
actgtcaagt taaagattgt atcacttatc ctctcatgcc aagcccagtg 56846143
atctcatttt atggtgaggc aattacagtc cagagaaaag agtggttttg 56846193
tcgataatta caggactgtc aaggctggac tccacagaca ggcttcctga 56846243
gttcaacact gtctcattat cctctttgca ctccctcca ggcagagcca 56846293
catttccctt tcagtttctc tgttctagat gccaatcttc catatacctc 56846343
tttaattgtc ttgcaattct tttctggaaa cattctagta aatgcagtga 56846393
ttaaaaactgt gccagtgct gctgcccctt cacattgtgg ataactagat 56846443
gaccctgggt ctacctacgg ctgtgcttat gtcttgtggc aaataataaa 56846493
gaaggagctt tggccaggcg cagtggctca cacctgtaat cccagcactt 56846543
tgaggaggcca aggggggagg atcacaagggt caggagtctg agaccagcct 56846593
ggccaatag gtgaaacccc atctttacta aaagtacaaa aattagccag 56846643
gcatggtggc gagcgcctgt agtcccagct actcaggagg ctgaggcagg 56846693
agaatcgctt gaaccagga ggcagaggtt gcagtgagcc gagattgtgc 56846743
cattgcactc cagcctgggc gacagagcga gatccgtctc aaaaaaaaaag 56846793
aaggagcttc aatcaggta aacacagcaa acagaagata aaaagaagtt 56846843
ggcaaacagc ttaagtttgc caacaggggt tgaatctttt caaatgtagt 56846893
ctgtcttcca tcattactgt ttcttcttct taccgctac tcctttgcaa 56846943
tcttgtgttt aggtaggtac agggttgctg ctgtgctggt tggtagaaag 56846993
aagccatagg ttctctccat attctgtgta tgccgttcac cggcccgcta 56847043
agatttgact gggcactgct gattcgaggg atgttaaatg gacaccacc 56847093

gtgcaagtgc atgcaactgg gaaacttgtg gatctcctgg aaaccttgac 56847143
aggcagaatg aggggagccc tgggacagca tctggctgtt ttgtcttgac 56847193
acccttttcc tcagtgtctca accctgcatg agacatgaag agaagagaag 56847243
agccaactcc ttattcagac ccagagacat ccctcctgtg ttgagggggg 56847293
tgcaccctgt aactagctag ctagtcttaa acccacttcc cacctcacc 56847343
ccctttccca attgaccctc aatagtcaaa gtgaatggag gctggcaggc 56847393
accttggaca caggttctat cccagtcttt actctttcca aactccttc 56847443
agacacctct ttctcacttc tcctaaatca tctcctcctc ccttctaggg 56847493
ggagcctgat ggctcacctt agtcacagac aggagctgac acctaaccat 56847543
cgaagcagct ctgtggtgga ggtgatgccc acaccatgga cggaagcagc 56847593
tccacgggcc atggtcatag cctagagggtg acgcccacac catggaggca 56847643
gctctgtgat ctgagggatt cccggcaccg aaacagcatt gccttaattg 56847693
ccccaaaca ctgttcctat tacacatgac atttaaact tagggagtta 56847743
cattcataat gttaggttgc ctaaagaaaa aaaacaaaaa caaaagcaa 56847793
ctgaaaaagc cttaaagtag gccttatgtt gcaggctggt cagatagaga 56847843
aagccgtgct atgcagcttg gccagcccgg gttaccagct caccaactgt 56847893
gcccaccctg gctgctggga gattttattg aggaaaaata ttggagaatg 56847943
tttgaata atgaccatgg tatgtaaggc aaaaaatctt agttgtttaa 56847993
ataaagacgg tctggctagg tccttttcag ttctctctct tttaaaagt 56848043
atthaggtgc tgggtgcagt ggctcacgcc tgtaatcca gcactttggg 56848093
aggccgaggc ggggtgatca cctgagatca ggagttggag accagcctgg 56848143
ccaacatggt gaaaccctgt ctgtactaaa aatacaaaaa ttagccatgc 56848193
ttggtggcgg acgcctgtag tccccactac ttgctactca ggaggctgag 56848243
gcaggagaat cgcttgaacc caggaggcag aggttgcaat gagccgagat 56848293
cgcaccactg cactccagcc tgggcaacag agggagactc catcaaaaa 56848343
aaaaaaaaa aaaacaggaa tttgggaaaa ttgatgcaag actgaactgc 56848393
ttgagttggg aattaatgga gttggtggtg gagcttagtg ctagtgcct 56848443
caccaagtct ctccagcact gttgaggctg ccaaccaggc tattgtgtcc 56848493

ccatgtcact ttgataagca gtttgagaaa agcattcaac tcttctgaag 56848543
actttgtttc tctaactctga gtctcctttc cgaaagtaaa gtaagaagga 56848593
caattaaagg gtatctaaag gtttctgtgt tgggtgggcaa agtaaactctc 56848643
ttgagttata gaactgatac tggaaatgcaa gtgtgtaggg aacatacttt 56848693
tagggacgaa ttcctataaa tgatgcttga accagtcttg gacctaattt 56848743
gaaactcaag atcacttttg tttcagatag acaccacca cctctatttc 56848793
cccaggcttc ctttctcttc ctcatgtctt tctaagctct ctaattcaga 56848843
aaactcatgg atctggagct tcctccacag aaaggcagca agaccttgca 56848893
tcagtaaaga agtgcagctt ttaggctggg cgtgggtggct cattcctata 56848943
atcccagcac tttgggaggc tcacgtggga ggatcacctg aggtcaggag 56848993
ttcgagacca gcctggccaa tatggtgaaa ccctgtctct actaaaaaca 56849043
caaaagttag ccagggtgtg tgggtgggac ctgtaatccc agctacctgg 56849093
gaggctgagg cagaagaatt gcttgggccccc gggaggcaga gtttgagtg 56849143
agcagagatc gcgccattgc actccagcct gggtgacaga gtgagactcc 56849193
atctcaaaaa acaaaacaac aaaaaagaag tgacagctttt agatagaagg 56849243
aatagattct aggttctaca gcactgtagg gtgactataa ttaaagacaa 56849293
tgtattgtat attccaaata gccggaagag caaatgttga atgttcccaa 56849343
caciaaagaaa taatacatta aaaataataa aagcaacaaa aaaagaaaaa 56849393
gtacagcttt gaagccagac caagttccgg ttgtacctga gacctttgat 56849443
tacctagcac aggttcatct ctgggtttta ctttcctcat acacaaagta 56849493
ccagggacaa agtaggcaca tacgtgttta tcccttttct acccccacg 56849543
tcttttgtct ctgaccctca tagacattta tagctactct gtttgcttta 56849593
gggtgggtgac cagttgatat tgcaaagtca ggcaatagac ccagcagttg 56849643
acttcagcaa tccaactcca tagtccttac ttcagaatat gttgtgaatt 56849693
gtatagtgtc ttcttttagga atttcaatac aaaatttcta tacaggatct 56849743
tttacctcac aagtggactt tagaacctaa ccaacaagggt ggtggatgtc 56849793
ctcttagatt tttttcctgt ggacattaaa tatatataca tatatatgga 56849843
ttgtgtacat atattaggtt ggtgcaaaaag taattggcaa aaaccgcaat 56849893

tacttttgca acagccta ataaatgt atatataatt ttttcaatca 56849943
gcaattcttg attgtttgat taagaatgtc caaatataca aatctctctt 56849993
tttaaccac tcataatgtg tcactttggt ctaacttaaa gaactaacc 56850043
ctaagtagga catctagatt gtcttacta taagtcatgc tagcgggaac 56850093
atccttatgc ccctgtgcag tgtatttaaa gaacaaattt caagaagtgg 56850143
aattccaatg caagattgca tctttgttga acagctggat aatggtaagg 56850193
cattgctaga ttttatgaaa ccaaaaccct actgcctctg gtaagagtga 56850243
gttttgtttt gttttgtttt gtttttttga tggagtcttg ctctgtcacc 56850293
caggctggag tgcagtggca caacaatctt ggcttactgc aacctctgcc 56850343
tcccaggctc aagggattct cctgcctcag gctcctgaga agctgggact 56850393
acagacgggt gccaccacac ccggctaatt tttgtgtttt ttagtagaga 56850443
cagagtttca tcatgttggc caggccagtc tcgaaccctt gacctcagat 56850493
gatccacccg cctcggcctc ccaaagtctt gggattacac ttgtgagcca 56850543
ccacacctgg ccaaggtgag agtgattttt aaaaaccaa aaattatccc 56850593
agagtctggg aataaaataa aagagggatt aaaatcactc ttctaataatt 56850643
ctaaggctct tgaatgagga tgagccacc ctaatggata ttcatccaa 56850693
tgaaagaaag actttataga aagagaaatc tccagcctca cattttctgg 56850743
atgggtcagt ggggtgttgc ttgtaatcaa aaggctgcct ggccgtttgt 56850793
gtctctttag accatattgt aaaacttttg caatgaacag actagagttg 56850843
tatttgcag tcaaagcctc agttactatc ttgttttaac caaattctct 56850893
acgcataaaa tatgtcttta tttactgttc aaaaaatggt tttgaaggca 56850943
ctgctgacta catcatccac agcacttgat ataaagtgca ttataagcaa 56850993
acttgggaatt cctgttgggg acacacattc ccatcaggaa cctggctctgc 56851043
ttcctctctc ctgctgtgac tcatgacgtc cctggccctt cttgccagaa 56851093
aacctagggc aatgtgcag gtcagttaca gcagacctgt tcctacaat 56851143
gttaccacat tcgcattttt ctcatgacct tggctctggg tttctggttt 56851193
tattttatta acttcattat tgactctttt gtggtaaaac attttaaagc 56851243
ttttttctc tgagaaagag gtagcctata aaaataatct cttgttttg 56851293

cattgttaat aatagatga aacatgcatt tcaaaaatacc cattgtatgg 56851343
caaagtggta agagcccagg ctgtagactt agcttatgac ttagacttga 56851393
gagcgcactc ctgtgtgagt gagtcttagc ctcacccctc ccagctatgc 56851443
tgtgcgcgag tcttttaacc tttctgagcc tcagttttct cctctgtaaa 56851493
gtcatctggc cgtatggttt cttcaaggat taaatgagat gctcaatata 56851543
ttataaatgt gtaatagaag aataactaagg tggaaatcat tgtaaagtgt 56851593
agctcatatc acttgaaca tgtaaccact ctcagttttt gtcaggagta 56851643
tattgtattt tctacatttc tggactttc atacagcata aggaattgca 56851693
agacctgttc tgagtttggg ttgctcatcc ccatgtcaca tggaggacct 56851743
ctgttgaggt ttctggggg agagtgtctg aatgggggac cccaaacact 56851793
ttgtgagcag agatcagctg tgcctgagca gtgaggccat gctaattctc 56851843
cacgtggctt taattttttc atttacagtg catacattcg atgttaaatt 56851893
atccatgaca atggtggaag gaaattaagc ataaataaat ggccatctat 56851943
cgatcttcct gtcttgatg tcaccacccc acccacatcc acctgctttt 56851993
tgtttccgtc cttccttttc ccaagagaag agagagagag agagagagag 56852043
agaacgctgg agcagcagc gagggcaggg gaactgcagg aacgcagtgg 56852093
gggggggaca ggggattccc tgtgccctgg ttgtggcaca gctcagtcag 56852143
ggctcgggcc gtgctgggag ggagctggat cgagcggccc ggtgcgctgt 56852193
gggttggccg cacccatgca gggctcctgc cccggagctc gcggcgtgcg 56852243
cagggtcctc gtgctgctat taacgtattt gccatttgt aaagcacgat 56852293
tttaagggat ggtgagttaa acaccgcttt ttcggggagg gtgacggggc 56852343
gtgggagggg tgagactggg gaaaaaagaa ctcccatgct tacttagaga 56852393
tcaactctaa acccatggcc atttcagaaa ctttagcgtg ttaaaaaatg 56852443
tgctgttttg aatcaaagaa gtacttgctt cccctttatt ttgggaactg 56852493
cagctcgcta gtttcagaaa gaggtgtggc tgctctttag aggcttcata 56852543
cctcaagtaa tgaaatgata aacaagttga agttcctaga ccaattggaa 56852593
gcctgcagga aaaaacgcag gcctggacgc gtggcagcga tgccggagag 56852643
ggccgagttc ccagaagagc tcttgaggtt tcttagtaca attcctcccc 56852693

cacgagatat tgcctagtca caccacctct cccccttccc caaactcctg 56852743
tcactctctcc ttcctctaga cttaactcta agccctaggc accagatttg 56852793
gcagtgcttc agaattacac atcacatggg gagcagcatg ctcccactgt 56852843
gccccagaag agtttcccgg acagtgtcca gagaatctgt tcggtgagaa 56852893
ccaacttcta atgaagtttg tgagatttta tttttttatt atttattatt 56852943
attatTTTTT tgagacggag tcttgctgtc gcccaggctg gagtgcagtg 56852993
gCGCGatctc ggctcactgc accctccccg ggccgggttc aagcgattct 56853043
cctgcctcag cctccccagt agctgggact acaggcgtgt gccaccacgc 56853093
ccagctaatt tttgtatatt tagtagagat ggggtttcac catgttggcc 56853143
aggatggtct ccatctcttg acctcgtgat ccgccttcc tggcttcaca 56853193
aagtgctggg attacaggcc tgagccaccg cgcgggctg ttttgTTTTT 56853243
aatgcataga tttgaccaa tactgtaaga caagaactgt gtctgattca 56853293
aatgttcaaa atcacctttg cagtccccag agtgcgtgtg tagtgctcag 56853343
ccgtcctgCG ttaatggaat cactggatga cagagttcat gtttagatgt 56853393
gcaccgtgtg ttgttctgcc ctggtcaggc accagcccc ttcttgccat 56853443
ggtggctttc ctccactgtc ctagcatggc ttgcggagac cgtcattttg 56853493
cttttacctg cgctagtact cctggtttcc tgactcaagt agcttactca 56853543
gtagccctac tggatttgat catctgaatg ttttcataag tatcttctct 56853593
cccataagtg tgtttcctca attcatttcc agtcttgatg aaagccaggc 56853643
catcttccta ggcccctacc tatgttttagc tggagccagg ttctgcagat 56853693
tctagctctt catcacctgc cttgaaatc tcaaggcccc ccacccact 56853743
ccaccttgca cactgcagat tggatgtgtc atttgtcttc agggtaaaaa 56853793
atcaaccact cagcttcaca tccagcatgt gcctccctct ctggccctga 56853843
ctcctgacct tccctacctg ctcttgact gcagtgttta gtgtttaga 56853893
tagagctcat tttctgaaga gattaggttg atctagctct ctgaaggggc 56853943
catgttatct tgagctcatg gtggttgcat atgaagtttc ttcttcctgg 56853993
aatctctttg ctgactttgc aaactggctg ccatccccgc catttcaact 56854043
cacagagcat ttcctttagg aagctttccc tgaccacctc cttttcctct 56854093

tgcttgagtt acatgtcctt tcttagatcc tgtgggtcct ctgtcatcga 56854143
gtctttacac atctttgccca caagaatagc agcagagtta gagctggatt 56854193
ttgtctgggt gatggaaaat taatgctcaa taaatatttg ttgagtgaat 56854243
caatggacag gcaaacctat ttgggaacag tattcacttt gagtttatta 56854293
atctatata gataaagaat aaaagtatat tttttctact cttttttatt 56854343
ggagacattt tgatggcttg aagcagttct ggaatggtaa aacaatgtca 56854393
ttacttttat gtttcaacag GAAATATGGG ATGTATAAAA TCAAAAGGGA 56854443
AAGACAGCTT GAGTGACGAT GGAGTAGATT TGAAGACTCA ACCAGTACGT 56854493
AATACTGAAA GAAC'TATTTA TGTGAGAGAT CCAACGTCCA ATAAACAGCA 56854543
AAGGCCAgtg agtagatagt ctcaggggag aattcccaca gcaagatcaa 56854593
agcatggcta cataatttaa acaccagtct gtaatatgtg catgcaaaaa 56854643
aattccattg attacttggc cctcaaataa tttttgatat gctttgtaac 56854693
tttatccttt gaagaatgta taaatatttt agggataact aggccactca 56854743
ttgtgcaatt aaaaggcct ttggtcacat tcttttgtgt gaagaaagcc 56854793
atctttcata ttactgggtc aaagacccca ctatatatat atacacacac 56854843
atatatatgt gtgtgtgtat atatgtgtat atatgtatat atatgtgtat 56854893
atatatatgt gtatatatat gtgtatatat atgtgtatat atatgtgtat 56854943
atatatatgt gtatatatgt gtatatatat gtgtgtatat atatatatgt 56854993
gtgtgtgtgt atatatatat atatacacac atacatacat aggcttgtgt 56855043
gactcaagat agtagtgaga ggctgggagc ggtggctcac gcttgtaatc 56855093
ccagcacttt gggaggctga ggtgggcaga tcactaggtc aggagctcga 56855143
gaccagcctg gccaacatag tgaaacccca tctctactaa aaatacaaaa 56855193
attagctggg cacagtggcg ggcgcctgta atcccagcta ctcaggaggc 56855243
tgaggcagga gaatcgcttg aacctgggaa gcagagggtg cagtgagcca 56855293
agattgcacc actgccctcc agcctgggtg acagaacaag actctgtctc 56855343
aaaaaaaaa aaaaaaaaaag atgtagtgag attagctcag tggtttagaa 56855393
gcaaaaggaa atgtgggatg caagtcagaa actaaaatag gtgctaattg 56855443
gtcttttgtt gtatcatact ttatcctgtc ctgtcatttc ttcaattaat 56855493

tcaaaatagt acagatcctg aagttgtcat ctggtatfff agtgaattaa 56855543
aatattaagg aaaaacacct ctaattctgt cccctaacct tagagaaata 56855593
gctggactag aaatatttta tgagtgatgt gctatttggg gtatttcgga 56855643
aatacttggc aaagaaagaa ctaacatcac attttatgga aaggaagaac 56855693
agagctttga acaattataa cctgaaatct acttcatttc cgagcttata 56855743
tcctttgcat atatgtattc tctcactgta tacatgtata ccacccatag 56855793
cctgctttct atggaattct gcagcattta agctggaaac agttttattcc 56855843
agattagccc aaatcccatt attaagaatt ttcaggctgg gcatggtggt 56855893
tcatgcctgt actttgggag gtcacaaggt caggagtttg agaccagcct 56855943
ggccaacatg gtgaaacctc agcttacta aaagtacaaa aattagccgg 56855993
gtgtggtggt gcgtgcctgt agtcccagct acttgggagg ctgaggaaga 56856043
agaattgctt gaaccagag ggtggagggt gcagtgagcc gagattgcgc 56856093
tactgcactc cagcctgggt gacagagcga gactctgtct caaaaaaaaa 56856143
aaaaaaaaaa ggcatTTTTA tagtttctct agtctgacat gtttttaaT 56856193
gctcaggtgt tttagaaata tattcccatt atcaaacctt tctgcctgcc 56856243
ctccccTcaa tatgtcccca ttaccctgaa ggtaggaaat atctgccatg 56856293
tatcaaagtc acatgtcatc attgagacaa agaaatcaac atcggctctc 56856343
ttaagaagtg gagataggcc aggcacgggtg gctcatgcct gtaatcccag 56856393
cactttggga ggccgaggca ggtgcatcac ctgaggtcag gaggttcaaga 56856443
ccagcctggc caacatggtg aaaccccatc tctactaaaa atacaaaaat 56856493
tagctgggca tgggtggcaca tgcctgtaat cccagctact tgggaggctg 56856543
aggcaggaga attgtttgaa ccaggacccg ggaggagag gttgcagtga 56856593
gccgagatca cgccactgca ctccagcctg ggttacagag cgagagtctc 56856643
caaaaaaaaa ggaagtggag ataaagagtg gatatatcat gctattaagt 56856693
tatcatacat gatgtttctt gataaattaa cattgtaatt ttatatatag 56856743
aaaatatatg tacttaaaat gtataggaat attaatagat ttaattgtgt 56856793
gattataaat ataaaattta aaaacctatt acaggcagtg aaagaaacat 56856843
tacataagta tgtacagata tagaacata tcatatataa atatgattaa 56856893

tagaaaataa aataagagaa attagagtca caaatagttt tcttatagac 56856943
atcagagttc tcaaaaaaag atctgatttt tctcatacca tatgctatag 56856993
atthttgtagg ttttaaaaca caagtttttt cgthtttgac ttattttattc 56857043
atthttttat thttgaggtg agatthtgctc thgttgccca ggctggagtg 56857093
caatggcacc atctcagctc actgcaacct cctcctcctg agttcaagcg 56857143
atthctcctgc thcagcctcc cgagtacctg ggattacagg catgcaccac 56857193
catgcctggc taatttttgt atthtttagta gagatgggggt thtgccatgt 56857243
tggccaggct tgtcttgaac tccttacctc aggtgattca cccacctcgg 56857293
cctctcaaag thttgggaat acagggctga gccaccacac ccagcctgtt 56857343
thttgthttt aatgatgaa taaagatgtc thttattcag aaaagtcaag 56857393
gagaatagtg tgcaaaccca cacaccgctt thtctcttg thcaaaataa 56857443
aggggattaa aatcaagtt agaaagcaga agtagtaaac acgcttgaag 56857493
tctthcaatt ccctcctgta taccattttt tgccccttct gtggtcacag 56857543
atgccctcca thcatgagcc agthtagcctg gccthattcc atggccataa 56857593
ccaacactct cagccctggc cagatatgac aaaatgcacg thtatggattg 56857643
atthaaaggg gaatttgatg agaaggtgag gtagggttga tgcaaatca 56857693
acaacattct agaaaaagcc atthtaagga aaaatctaga gcaatagtat 56857743
atgtgtggca thcatgtgtt thggcttht aaaaagcata thaaatgtt 56857793
tgtaagttaa gggctthttg aaatttgaaa aatcagcttg thgctthtaa 56857843
aatgatgtaa thagthttcta gtctthtagt thttthctct aaatcacata 56857893
aaatagatca thtatccaaa thtagcaaat thgaatgact aaaaaatcaa 56857943
cataaaactt cctgacataa acatttgaa gtagtatgc agccatgggt 56857993
thttctggta thacaatgta gtaattthcc thgtctcact gaaatggaga 56858043
thttatgggc thtcatcaga aattthaaatt thcagtacaaa thgtthttgt 56858093
cccattctgt gaagccactt thaatcaaaga gagacagaaa agttacatga 56858143
cttgtggtat aggcctctga cagcatctat thtacaagag gccagaggc 56858193
ctcacacagc thcatgtggc actgtgaaga aaagaatttg atththaaagg 56858243
thattgaggt ggtctthctg gccaccaaat cctthccaat aactcacccc 56858293

cccactgaaa taacagggga tgccatctgt ccctgtgatg gagtcagggt 56858343
cagcccaaga aaacctggat gggatgggac ttgctctcag cctccaggga 56858393
cagagccctg accatgcaat tttatacaat tggggaagcc tcagatgggc 56858443
agtcccaggc tgggacggca actccacgaa atcaccaggg tcccacctct 56858493
tccgtctcca tcctgctgcc gctgggtgttt gctttctatg tgaagactcc 56858543
agccttcact tgtttctagg gagagagaaa gaggcaaggg aaaaggggag 56858593
ctgacagcaa agccctgcac aaccgatctg cggacaaaaa ctccctctgc 56858643
cctctgcccg gggctagaga gtttggaagc aactcattg agctgggcaa 56858693
actgccaccc caaataatat tagggctctg tcaccaaaga agaggaggag 56858743
ctaggatgag gtgagcacct ggcacctgcc cagaacctcg ctcccttctt 56858793
gccaccaca gcaagtgata aagagccctg tcaactggcca agcagggcag 56858843
gatgcacctc tacaggtttt tcctctctgt ctccctgttct ttctgactta 56858893
ataaatgagc ccatcctaac atctgctact gttacaaaaa tcatatatac 56858943
aacacgaatg tgagtaagaa aagctaaaca gaattttttt ttctaacaaa 56858993
tattctctcg tagGTTCCAG AATCTCAGCT TTTACCTGGA CAGAGGTTTC 56859043
AAACTAAAGg tatgttttca tagcaacata gttaaaattt tttttcttta 56859093
ctattagagc ttctataaag tgattgtcct aaatgttttt attttttttt 56859143
attgtgggac atatataaca taaaaattta ccctcttaac tatttttaag 56859193
tatacatttc agcagcatta ggtacattca cattgttgta caaccaatac 56859243
cgccctccat ctccagaatg catcttctca aactccatac ccattaaaca 56859293
ataagtcccc attgcctcct ccccagccg ctggcaacct ccgctctttc 56859343
tgtctttatg aatttcacta ctctaggtac ctccatagaag tggaatcata 56859393
cagtaattgt ccttttgtgt ttggattatt tcacttagcc tgatgtcctc 56859443
aaggttcatc catgctgtag aaagtgttag aatttatttc cttctaatag 56859493
tgaataatat ttccttgtaa gtatatgccc tggccgggtg cagtggctca 56859543
cacctgtaat ccagcactt tgggaggcca agttaggtag atcacctgtg 56859593
gtcaggagtt cgagaccagc ctggtcaaca tggtgaaacc ccgtctctac 56859643
taaaaacaca aaaaattagc caggcgtggt ggtgggcgcc tgtaatccca 56859693

gctactgggg aggctgaggc aggagaatag cttgaaccca ggaggtggag 56859743
gttgcagtga gccgagattg cactattgca ctccagtctg ggcgacaaga 56859793
gcgagactcc gtctcaaaaag agaaaaacca aaatgctaca tgatgtttat 56859843
ccattcctcc atcaatagat gtttgcatta tttccacatc ttggctattt 56859893
tgaataatcc tgctgtgaac atgggtgtat aatttcttaa atatagagtt 56859943
gtatttatag ttttagtttt aagtgatttg caagaacaaa tactggacac 56859993
agtgtataca gcaaggtact ctctgtgggc cgtgcagacc ctgagcccac 56860043
taggcaggaa gcacatgtcc ttcttccagt tgccccctct tagtgcttcc 56860093
tctcatcctt tgtgccccat gaggtttgtt aaaacgcttc tgctgatgga 56860143
ttcttacagg tgttctcttg tgttcatcct tagATCCAGA GGAACAAGGA 56860193
GACATTGTGG TAGCCTTGTA CCCCTATGAT GGCATCCACC CGGACGACTT 56860243
GTCTTTCAAG AAAGGAGAGA AGATGAAAGT CCTGGAGGAg taagtgtctct 56860293
caagcacgcc acggctgctc gtttcctcag gccactgagt cctgcaggct 56860343
gtccccttgt cttgcttctg gtgctacagc catagcccgg cccctttctt 56860393
gtaatgggta tgaggcctcc ttgctacca cagggagtgg gcagtggaag 56860443
gaatagagcc aaagggattt tccttttaag tccgtctgtg agcacacttc 56860493
agggggtttc cctttgaaga cagacagtgg tttttcttta aaacaatttt 56860543
tttttttgag atgggatctc tctctgtcat ccaggctaga atgcagtggc 56860593
atgatcatag ctactgcag ccttgaactc ctaggctaaa gcaatcctct 56860643
cacctcagcc tcctgagaag ctaggactac aggcagtgtc caccaggcct 56860693
ggctaatttt taaaattttt gtagagatgg gatcttgta tgttgcccag 56860743
gctggtcttg aactcctgct gtcaagcaat tctcctgcct tggcctccca 56860793
aagtgtggg attacagggtg tgagccacca caccagcct ggtttctttc 56860843
tttatccact cttgccacct taagaaattt gggctctgtg ggcccatgca 56860893
tgatacttga aatgtcactt ttcttttgtt atattactca tgtttagact 56860943
gggttcatgg gccagccta gcttgagttc taagggtact gagctacagc 56860993
agctgtgttg ggaaattctc aactcagcag ctgccatgct tttgtgagga 56861043
cgcctgagtg tcgtcatctc ctcaaccccc tcttgctgac tcagacatgt 56861093

ggcagtgca gaccataggc atgcaggaca gtgctcagaa taagaaactc 56861143
cagttgcttt aattctagct tgcttttctt actaatcttg cattaatgt 56861193
cactgtgacc tgccaaatag ggtttgaggg ggagactccc ttattaagga 56861243
caagggtgctc cgtggttgag agcaatggtg catatggggtt gaacagggac 56861293
ttaagcctga tcctggccct gccacttgat agctgtatga ccttgacaag 56861343
acccttaaac tttatacctt ggtttcttta cttataaaat gggaatgaca 56861393
gtacctagat catgggggtg atgtgagcat gatgcatgtg tttaaacatg 56861443
acataagcaa agaggatgca gagcttagta ttagttctag ttgccttcat 56861493
gccttacaga caaggatcct gtctgtgtgt ggaatttata gaggaatgca 56861543
gttaaggctc aaagggacc cctccttccc ccattaccag cttacctgct 56861593
tgcttcttcc agtgctcatc cctgcctcct ccctggctcc atgcctgcct 56861643
ttctgctgag gactcgagca tggtgctgaa gctcacttgc ttggaattgt 56861693
cttatggttt tcttcttttc atagtgtcca tctctatgat aactagatgt 56861743
ttgaacaaag gagtttataa tgcatgaact gtggaccagt attcccttga 56861793
ctctcatttc tataaggatt tgaaagcatt tcttagctat cctggggcaa 56861843
gttacaaacc ttttgtttct gtgagatggg agccatttgt accaactctt 56861893
ctttgtgcac ccctgatcgc agtgatgcgt gctttagttg taaggctggt 56861943
ttcctttgct tctgtctcta aacatatttt aattccatca cggagagtga 56861993
atthtcccac tggattctgg ggtccagag atgttctcca cccgccttca 56862043
ccatcctaaa caaacatctt gagacaattg ctattgtagc tgttgagtct 56862093
tggatataaa cacttttttc cttttatttt tagttgacat ggaataatta 56862143
tatgcagtca tgggatacag agcgatattt tgatacatgt atgcagtgtg 56862193
tacggatcaa gtcagcgtaa ttagcatatc catcatctgg aacatttatt 56862243
ctttctttgt gttgtgaaca ttcaaaacc tcactcctgg cttcttttct 56862293
ttgtctctct ctctctcttt ttaatagctt tattgagaat tcacaatacc 56862343
atacaatcca tctacttaaa gtgtacaatt cagtgatttt ttagtatag 56862393
tcacagaatt gtgcaatcat caccacaatc cattttagaa cattttaa 56862443
accccaaaag gaaaccctgc accccttagc tgtcacctca actctcccat 56862493

tctctgcagc cctaggaaac cacgaatcta ctttttatct ctgaagactg 56862543
acctattctg gatatttcac ataaatggaa tcatacaata tgtggtcctt 56862593
tttgactgcc ttcttttatt tagcataatg ttttcaaagt tcatccctgt 56862643
tgtagcatct ctcagcactc cattcctttc actgctgagt aatactccac 56862693
tggatggata ttccagattt tgtccattca tcagttgata ggcatttttg 56862743
ttgtttctac tttttgcttt taaaaataag gatgctttga acattcatgt 56862793
acaagttttt gtgtggacat tatggtttca tctttcttgg gtatatgtca 56862843
aggagtatag ttgctgggtc ctgtggtaag tctatgtttt ctttattttt 56862893
aattttttta ttgatatgta atatctgtac ataaatacat atttatggga 56862943
tatctgtgat attttgatac atgcatggag tatgtaatct tttagcttct 56862993
ttttgatgtg tattttctatt ctagGCATGG AGAATGGTGG AAAGCAAAGT 56863043
CCCTTTTAAC AAAAAAGAA GGCTTCATCC CCAGCAACTA TGTGGCCAAA 56863093
CTCAACACCT TAGAAACAGA AGAgtgagtc ctcatgtgtt gtcaccttgg 56863143
tggctttatt tgccacattg gatttcttgt taatattctt cacctttttc 56863193
ttgccgtgga acataaatg caggaaatgt tgaaatgtct tcacagGTGG 56863243
TTTTTCAAGG ATATAACCAG GAAGGACGCA GAAAGGCAGC TTTTGGCACC 56863293
AGGAAATAGC GCTGGAGCTT TCCTTATTAG AGAAAGTGAA ACATTAAAAG 56863343
gtaggaaatt gttcaaagcc tcttttaaaa cactatttag gaaattattt 56863393
ttagaaacta ttctagagct actcaagggg aaaaaagggc atatagtatg 56863443
ctctggtagt aaaagtttta tggtttgata acaataaca aacctcagtg 56863493
attagttgtg ctactaaaag taatatagtt gagtgtggtg gtcacacct 56863543
gtaatcctaa cactttggga ggctgaggcg agaggatcac ttgagtccag 56863593
cagttagaga ccagcctggg caacacagca agaccccatc tctacaagaa 56863643
atacaaaact tagccaggcc tggcagcaca tgcctatagt cccagctact 56863693
ctggaggctg aggtaggaag atcacctgaa cccaggggaag ggaggctgca 56863743
gtgagccgtg atcacgccac tgcactctaa ctagcctgag tgacagagtg 56863793
aggcactgtc tcaaaaaaaaa aagagaaaag aaaagaaaag tactgtagaa 56863843
agcacacatg attgtggcca gttcttacca ggctttgttt gctgagcctt 56863893

ttgcattatt atttgaataa atcctgaagt tttaagacaa agaaaattag 56863943
gctgggcgtg gtggctcagg cctgtaatcc caatgctttg ggaggccgag 56863993
actgagaatc acttgaaccc agcagtttga taccagcctg ggcaacatag 56864043
caagagcctg tttctataag aaattaaaaa attagccagc tgtggtggtg 56864093
catgatcgta gtctcagcta cttgagaggt tggggtagaa agatcgtttg 56864143
agcccaagag gtggaggctg cagttagcta tgattgtgcc actctactct 56864193
agcctgggtg acagagcaac aacctatttc aaaaaaaaaa aaaagaaaat 56864243
caaagtaact taaaaaaatt taaatgtagc taaataataa ttttaaaaaa 56864293
attatcatga agaaagaaaa tggtatggtg gcaagctaca cagcaaacaa 56864343
aatgccagct tcatttgtca agtagaattt ttataggact tttaaaatta 56864393
tgcattttat acaaatttca taaatatatg tattttgcat atttztatca 56864443
caaaatgtgt actgcagttg ttgtataatg cagatcttat ttgtgagata 56864493
taaacattta cttacacttt tcccccata gGAAGCTTCT CTCTGTCTGT 56864543
CAGAGACTTT GACCCGTGTC ATGGTGATGT TATTAAGCAC TACAAAATTA 56864593
GAAGTCTGGA TAATGGGGGC TATTACATCT CTCCACGAAT CACTTTTCCC 56864643
TGTATCAGCG ACATGATTAA ACATTACCAA Agtaagtaaa aactgaaggt 56864693
tcaacaagac aagatatatt tgttatgata tgtataagac gtcaaacgct 56864743
atTTTTtata taaaactttt tatgcatcgt atttctctta gatacagttg 56864793
caggtcatat tctataagtg gttctaaatt aatctatagt taggccaggc 56864843
acagtggctc acgcctgtaa tcccagcact ttgggaggcc aaggcaggtg 56864893
gatcacttga ggtcaggagt tcgagaccag cctggccaac ctggtgatac 56864943
cccatctcta ctagaaaaaa aaaaaattag ccaggcatag tgggtgcgtgc 56864993
ctgtagtccc agctactcgg gaggctgagg caggagaatc acttgaacac 56865043
aggaggcggg gattgcagtg agctgagatc gcgccactgc actccagcct 56865093
gggtgacaga gcaagactct gtctcaaaaa acaaatacta aaataaaaagc 56865143
aattaattaa tctacagtta aatacacaaa gtaagatttg atccttgtga 56865193
ataattctcc cagtccttcc cacctagtac atgctgtttg acattcagtg 56865243
ttccacaatt accaagagaa aaatatatat tgtctttgca tatattttta 56865293

caatgcatct gaatatctgg aataggaatg cagatttgca gatctgtgtt 56865343
tgtgtgtgtg tgtgtaaaag taatgtatat tcttggtaaa gtcaaacgga 56865393
tataacacta ccactgaaat atttagaagt ggcaggtcaa tgtccctgtc 56865443
tccagtgcca ctttgagtc ctgagaagcc tgggcctgag actctgggtc 56865493
cctttcctgt gtaattggag tcagttgagt ggttgttgcc ccggctcctt 56865543
tctatgacct gctcgaagg gatgcacatt ataggtttgc ttgagtcca 56865593
aaacacggag agagcaacgt gcttccgatt ttgtagattc ttgccttctt 56865643
ccgccctccc attcctgtgt gcatccggca catgctgagg gcttgtggta 56865693
ctctggctgt gttctggggc ctgggggtcca gtggtgacat gaccgagtcc 56865743
ccactatggt gccctgtgaa gcttaatgtg ggattagtaa tctgaaacca 56865793
cattttatta agtgtgacaa tctggcagcc tgtggttgtc tgttggcttt 56865843
gttgtttttg ttcattgatg ttagcagtgc tgaagaatac aatcaagtat 56865893
gttttaaagt gtttttctta tataaatttc aggccgggct tgggtggctca 56865943
cacctgtaat ccagcatttt gggaggccga ggcgggtgga tcacttgagg 56865993
tcaggagttt gtgaccagcc tggccaacgt agtaaaattc tgtctctact 56866043
aaaaaatata aaaactagct gggcatagtg gtgggcacct gtaatcccag 56866093
ttactttgga ggctgaggca gaagaatttc ttgaaccag gaggcggagg 56866143
ttgcagtgag ccaagatcgc ccattgcact ccagcctggg caataggagt 56866193
gaaacttcat ctcaaaaaa agaaaaaca aaaaaacca caaatttcaa 56866243
aagtcacaat tatgtcaagg atgcatttta gttcacagac tgcggcagg 56866293
tggacactat aaggctagtg ttcaactttt ctttatagac acaggtaaag 56866343
tacaaagtat tgcatttctt aaccttcatt tttccctttc aaattagAGC 56866393
AGGCAGATGG CTTGTGCAGA AGATTGGAGA AGGCTTGTAT TAGTCCCAAG 56866443
CCACAGAAGC CATGGGATAA AGATGCCTGG GAGATCCCCC GGGAGTCCAT 56866493
CAAGTTGGTG AAAAGGCTTG GCGCTGGGCA GTTTGGGAA GTCTGGATGG 56866543
gtaagtgtgc ggctcgggga tctatgtcct tctagagatg gtgacaggag 56866593
aagtaaaggc tcaagccaat ttcgatcagc ttctgagcca gacactaaat 56866643
tatgtcagaa gcatcattta ttttgttttc ctctgtccat tggggctgag 56866693

aactggcctg caaaatctat ttacttcagc tcttgctctt tcttgcgact 56866743
tagtaattct cttaatgttt gtaaggaggg gagtaatggg tatttatctt 56866793
gatcatctgc ctatttcttc atgattccct catcgccaga ttctctggat 56866843
gcacggctca agtgcaagaa atttgcttcc atctctggga aaggttatct 56866893
tagggctgga acccattggc ttaatagaaa gcctcaatgt attacaattt 56866943
gagggtcacc aagaaagttt ctaaggttct caaagtcacg tcatgaagaa 56866993
atcatttctt aacattaagt attgccttct caggctggca agaagtgcag 56867043
caagattata gcagtggctt tttccagggg attcttttca tctacctact 56867093
ttaaaaaaaaa gtttttatag tgagctgagc acagtggctc atacctgtaa 56867143
tcccagcact ttgggaggct gaagcaggaa gattgcttga tcctaggagg 56867193
ctgagaacag cctgagcaac atagcagacc ctgtctctac aaataaagaa 56867243
attagccagg tgccatggta tgtgcctgta gttccagcta cttgggaggc 56867293
tgaggtggga ggatcactta agccaaggag gtcgaggctg cagtgggccg 56867343
agatggcact cctgcactcc agcctgggtg acacagtgcag accctgcctc 56867393
aaaataaata aataaataaa taaataaata aataaataaa agttttcata 56867443
gtgaatgtga acttctttgg tgataagagt tttttagaac aaaaatgcta 56867493
aagcataaca ttcttttaat ggttctaatt gaatgtgcgg ttatttctgg 56867543
aaagagtaac atgttaggtc acacacatct gactgggtca ctttttctgt 56867593
gtcagctttg ttgagtgaag gcaaatgtga tttctaaatg gaaggggcag 56867643
atggctttta aacactctcc agccccggca gaacagaagc tgcagccacg 56867693
tggacacgct acctctgcat ccaggttttc cctctacagt cttggcccct 56867743
gggatcatag ccttgctcac tttctcctgt tggcccctct tgagcagaag 56867793
tgacttttaa acacggcaca tactgagcca gcctatcatt aattaattct 56867843
tactgcactg taagtctttc tgcacatatt tgcagaattc aggtaaactg 56867893
taattacatg acttcacatt ctccgtgtgg atcggcatgt gtcagaactg 56867943
gctggcagtg caaatcaggt cctcagtttc tgttccactc agcagattca 56867993
tgggtgtgag tgctcactct gaatgttgtc tcttcccatg cacactctgt 56868043
tgtcttcctc ctcatctctc tgtgtgctct ttttttaatt aacatgaaat 56868093

tcacctgaca taaattaatc atttaaaagg aacaatccac tggcatttag 56868143
tacattcaca atattgtgta gccaccacct ccatctactt tcaaaatggt 56868193
tttatcatcc cgaaaggaaa caatgtaccc aataaacaat cactcttcat 56868243
tcgccccacc ctcagcccct ggcaaccacc attctttctg tctctatgaa 56868293
tttaaccact ctaggtacct catataagtg gaatcattta tttgcccttt 56868343
tgtgtctggc ttatttcacc tagcataatg ttttcaaggt tcatccatgt 56868393
tgtagaatgt attagaatth tcttgthtta tggctgagta atattccatt 56868443
gcatgactat aacagagtht gthttatctac ttatccattg gtggaccttt 56868493
cagthgthtt tacctthtga ctgttatgaa taatgctgta tgaatgttca 56868543
catacaaatt attatgtgga cacathttca thttctthgt gtataaacct 56868593
aggagthcag thgctggggc atgtgataag cctctgthga actthttcaa 56868643
gaaccacaaa actattatat gthcathtaa aaaagaatga cthggctthct 56868693
thtttcctcc thtgatgtht ataththtt thttccaaat ctacagaatg 56868743
gggcaggaat agtataatga atathgtata cccttcacat agathcacca 56868793
gthgthtaata thgtcctaath thttctgttc thttatatac gtacacatac 56868843
atacatgtta thattgccgt tgaccacctg agathaagtg cagacgtgac 56868893
thgctgagth thgtgaagag ththtaagca cthaagcagth actgtgthct 56868943
cagggcacct gthcaggaggc atagthattg ccgthcctat ththaatgat 56868993
gthctaththg athththctha cagthaatcca cthcactth thththaaagt 56869043
gatccaaaag ththaaatgga thcaththaaat thagththctc cthggcaact 56869093
thththctcc thththtagta aataaathact cthgtgggaag ththaaagatha 56869143
thgthaaataga actththctca aatggththca gcacgatctg thgaaththctc 56869193
thcctctthg aagccgthcac ththctthataa agthcctcagth cththctgthc 56869243
thcctccctg thcctthgaa atgtctathc caacccact ggthcagthc 56869293
aagathccagg gactthctgch ththctthccc ggctthctccg ththgthcact 56869343
gagathattg gcaggaaaac cagghatgca atcacactha athgtgthctc 56869393
thgtccatct gathactthac thtgactthg thtggggaga agghaggagaa 56869443
gacaggagga agggagaaaa gathgtacag gthctacggg ccctgthctha 56869493

agtgtgtttg cattgacatt ctcaactact cattgctgta gcactgtgaa 56869543
tgagagggcat tactgtgatc attcgataaa caacatcact gagaatcaga 56869593
taagcaactt actcaaggtc attcaaggca gtgagagagc caggctgctc 56869643
tggcatctgg gaaccctgga ctcaattatt tgctacacta tttctaagct 56869693
aatttgactt ccctagcctc agtttccaca tcagtgaagt ggacaaactc 56869743
caatcttcag ttgttcaaag gaagaatgag attatgcacc tgggatgttt 56869793
cccagagtct gactccgtgt gccctatatt tattattgtc acttttttgt 56869843
tttttattct agttattgga agctatattt tgggtgattt tcccccaattt 56869893
taatcataaa acagagccat aaataatcca attagacttt cctatggata 56869943
tttgctggca aaggaattaa cgtgtctgtc atgaaaagaa atgtagaggg 56869993
aggttaatca ggatgtactg gttcatccta aatcagtagc cctgcatata 56870043
aagtcatggc ttggaatctt gttctagcct ctccctgttca gctgtgaagc 56870093
caggataaag catcaaattg catgctatatt gctcctgaga gacaagtaaa 56870143
gtgaacaaag taattcaaat ccaactgctt gagtgaatta tttcttagta 56870193
acactgtttt taaagatgca gttgttggca gggcacggtg gctcacacct 56870243
gtaatcctgg cacttcggga ggccgaggca ggtagatcac ttgagctcag 56870293
aagttcaaga ctagtctgga caacatggtg aaaccctgtc tctatcaaaa 56870343
atacaaaaaa aaattagttg agcatggtg tgttgcacct gtgtttccat 56870393
ctacttagga ggttgaggtg ggaggatcgc ttgagcctag gaggcagagg 56870443
ttgcagtgag ctgagattgc gccgctgtca ccaaactggg tgacagagtg 56870493
agaccccatc tcaaaaaata aataaataaa tatgcagttg ctgccagcct 56870543
ggatgcctgg catcaaaagt gctgctgtca gctgtggtgt cagtgcgtcc 56870593
tgcaggggggt gcctggcgag gttgggagca ggaagtcagg agctaggcag 56870643
cctggagcac acacctcagc agacctgctt acacccctg ttctgtcgtgta 56870693
agggtgtaagt ctgcactaaa attgtacacc tggagcttaa gaacattggt 56870743
cctttctggg attgggaaaa ccgccttgct tctaattcca gatacactga 56870793
atcctccaat ttctcttctt tcctgcacac agcttaattt tagagaactt 56870843
ttgcttaaca tatattcagg tgggtgcctag gagaaacaag tttagaagag 56870893

aagagaatgg agtgttggaa agtatctgat tgttttatac aaatttttac 56870943
tttttattta gactgaaaca ggataaaaaa cttgagaaaa tacatcactt 56870993
gaatagattt gctcattccg tttttaaaaa ttgtggtaa atacacgtga 56871043
cataaaatth gtgttttagc gatgttttag tgtacagttc agtagtgta 56871093
aatgcatcta cactgttatg caaccaatct ccagactctc ttttcatctg 56871143
ataaaactga gagactgtgt actctttaac accaactccc tgatcccctc 56871193
tctggcaacc accatgctac tttctgtctc tatgaatttg actaccttag 56871243
gtacctcaaa taattagaat catacagtat ttgtcttttt gtctctggct 56871293
tacttcactt agcatgatgt ctccaaggtt tatctatgtc gtagcatgtg 56871343
tcagaatttc tttgcttttt aaggcttaat gatattcctt tatatgcata 56871393
cataaccttt tgtttattca tctattgatg gacaattagg ttgtttctac 56871443
cttttggtta ttgtgaattt gccactgtga acatgggtgc acagatacct 56871493
ctctgagacc ttattttcca ttcctttgag tataaatcca gaagtggaat 56871543
ggctggatcc tgtaattctt ctatctctaa aatttgagg aactgccgta 56871593
ctgttttcta cttcggctgc accattttac attcccattg accgtgtgta 56871643
agtgttccct ttctccacag cctcaccaac agttgttatt ttctgttttg 56871693
gggatttttt ttgttggttg ctggttggct tttgtgatag ttgtcatttt 56871743
aatagatgtg agatggtatc ttactgtggt tttgatttgt gttttcctaa 56871793
taattagtga ccaagcatct tttcatgtcc ttcctggtca tttctacatc 56871843
ttctttggag aaacgtatgt tcaagtccct ttctcacttt ttaaattgtg 56871893
ttctttactt gatttactaa taacgtttta aatgacagag gcagtagagc 56871943
ctcatctaaa atggggttta atggaaccta tctcagaggg attacataac 56871993
aattgaaaga aattgtgcag gtaagttcaa ttgacagcat tcaaagcact 56872043
gttattaat aatatcttta gtaagaaaat atgtcacatt agtgcaaagg 56872093
ctatacagca gaggaaagaa attgcccagg gtttcccact aaatagaagt 56872143
tgtttgtatt tttgcttttt aatttttttt attttgagat aattgtggat 56872193
ttacatgcca ttgtgagaaa taatacaaaa aggataacat atgtccacgc 56872243
aaaaacctgt acatgagtgt tcatagtagc attatttga atagccaaaa 56872293

agtacaaaaca actgaaatgt ccatcagatg atgaaatgggt caataaaaatg 56872343
tgggtgtattc atacaatgga gtatttggca ataaaaaaaaaaaatgacct 56872393
ggcatacttc aacatggatg ccatgctggt ttatggatga cttataataa 56872443
cactatgtta agtgaaagaa atcaggccca aaggagcaca tattatactg 56872493
ttccatttat atgaaatgtc cagaataggc aaatctagag ttagaaagta 56872543
gatgactggt tgcctagggc tggggggcct gggagtatgg taggagtgc 56872593
tgctaagtgc catgggattt ctttttggag tcatgacaac attctaaagc 56872643
taattgtggt gatgattgta caattctgaa tatgcaaata actgatgaac 56872693
tatatacttt aaatgggtaa atgacatggt atatgaatta tatttcaata 56872743
aagctggcaa atataaaaa gaaatgatac agagagatcc catgtacat 56872793
ttaccaggt tcctccagt gtaacatctt gtaaaaactat agtacaacat 56872843
cactaccagg atattggcat tgatcacctt tcatttttta attgtgcttt 56872893
tcttccagtc ttatattgaa tggaggaagg aaggaaaaga agggaagggg 56872943
aggaaaagaa aatagaagag aaaaaaatag aaaattttga cttgggatct 56872993
tttgcttgta gggactgagt ttgcctgtca gtcagcgagc tccttcttca 56873043
ctcctgaaat aatttaataa tgttgaatac acatagcaga ggaatattgg 56873093
gaatacaacc aaaagagttg tgattggtga ttttatgtta caaatagact 56873143
gaaggatact ccctctcca attttgagct gctagaattt agttttctct 56873193
tacccttttt agtttctcaa aggataagca ggccagcttt tctcattgat 56873243
agaaaaaata caattaaaat tctatcactg ttaaccaggt aagttaatat 56873293
ttttgttaaa cataaggaat tgttcatgga caaccattt cattttatgg 56873343
tctgcatttt tttggcttga aatgcagtga acaaatacta ggaagtgacc 56873393
tgttcttttg ggggaagggc tgggtgggga taaaagaaag aggtgtctct 56873443
gcttcaagct gtttctctt gtttgtgtga tccttgtgac atctgacttg 56873493
ggtgacatgc ttctctgtg gattgtccta ttcccagga atcaactggg 56873543
cagtgaggct aaggacgatg tttcctctga ctgcttggtc tatgaagaga 56873593
ccctgaggaa ggaaggaaac ttattttaca ttgaatttg cttgataaat 56873643
tctcatttga gccaaactgcc ttgagattaa tcaccaacc acttccaaaa 56873693

tcaactgcat gcatttttta aaaaccactc tcccttttgt ggtacgtggg 56873743
cacttttttag caagccagtc acagccggaa ttagagtgtc ctcaaggtgc 56873793
cacatcagct ttctttaact gtggcaaagt gtcactccac aagacgcttt 56873843
ttactagctc aaaaagtttt ttttaacata atttttcatc tgtattgaca 56873893
accCAAatct ccatgactag gttaatttga accttcaaac taccagagag 56873943
tatcttagaa acctatgatt tgatccttag cactgaataa aaatcatgcc 56873993
tttaacagag ggatgaaaac caccctattg tttcaatatc acagccctaa 56874043
gagatcatct gggagctgcc gccattcttg ggccatgttt gacacagctg 56874093
ctttatctac cactcacctc aaactcctta tcagtattta aaatatatgc 56874143
agctgcaata tttcctgatg acttcccccc taaccttggga aagcgttttt 56874193
tttccttctg cctttactca tacttttcta tttataagtc tccatgagct 56874243
tcattgtttt tatgatggca aaagggaaat ggttttgttt cttaaacttt 56874293
tattgctatg taatgtaaca agcagacaga aaatgcaaac acaaatatct 56874343
aatttcacaa ataattacaa agcaaaaact ggtgtgtcga cctctgagag 56874393
gaaacttgct agccccagaa gccccaccg tccaccatc ccctcccacc 56874443
cacaccctac ctgtcccca gagacaacag ctattccgac cttcctgatg 56874493
gttttctgac ttcttcttaa ttttgccact tttgtatatg gggatgatg 56874543
catccccca aatatagct cagttttgct gttttgtac tttgtatgaa 56874593
cgaattatac caaatgtgct cttttacgct ttgcctcttt tactcaacgg 56874643
gttggtgaga ggcatccatg cttttgggtg tggctacagt tcattcatct 56874693
tcattccatg tgggtgttgt aagatacatg tggcttttgg gtatggctac 56874743
aattcattca tcttcattcc atatgggtgtt ggtgaaatgc atccatgctt 56874793
ttgggtgtgg ctacggttca ttcattctca tcctatgttg tgttgggtgag 56874843
atgcatccat gcttttgggt gtggctattg tttattcatc ttcatgccat 56874893
atgggtgttg tgagatgcat ctgtgctttt gcgtgtggct acaattcatt 56874943
catcttcagt ccctatgatg ttgggtgagat gcatccgtgc ttttgggtgt 56874993
gactacagtt cattcatctt catctcatgt cgtgtttgtg agatgcactc 56875043
gtgcttctgg gtgtggctat ggttcattcg tcttcatccc atgtcgtgtt 56875093

ggtgagatgc atctgtggct acggttcatt catcttcatt ccatatggta 56875143
ttgggtgagat gcattcatgc ttttgggtgt ggctatggtt tattcatcctt 56875193
catgccatat tgtgctgtgc tgcattgtgtt ttcaagatat acgatcattt 56875243
atccatttat ttcaccattt actgatgaaa ttggagtcca tgttagtcca 56875293
ttttgctttg ctaaaggaat acccgagact gggtaactta taaagaaaat 56875343
gtttatttgc tttacggttc ttcagatttt ataagaagca tggcacctgt 56875393
ctctgcttct ggtgaagcct caggaagcct ccattcaaaa aggaaggcaa 56875443
aagggagtga gcatgtcaca cagtgagagc aagagagtga ccagaagagg 56875493
tgccatgctt ttagacaacc agctctcttg tgaactaata gagcgagaac 56875543
tcactcttta ccacgggat ggcccaagc cattcatgag ggattcattc 56875593
ccatgaccca aatacctccc tctagtcccc acctccaaca ctggggatca 56875643
aatttcaaca tgagatttgg agaggacaaa catccaaact atatcagagt 56875693
ttttccagt ttgggctgct atgaacaatg cgctgcacat ttttgtgcct 56875743
catttttgtg ctgatgcaag catgcatgag ctctagggtg agtgggagtg 56875793
gatttgctgg atcgtaaggt gtatgaatct tcagctcttc taagttattg 56875843
ccaacttatt ttgcaaagtg ctgggtcccag cttaagattc tcaccagcaa 56875893
tatgccagtc cccacgtccc ctttctgac tagcagagct gtacttagag 56875943
agatgtgggc cccaaggcag cacaggcagt ggggtggttat ccggaaggaa 56875993
gtgtgcactc agcatcctc atggacacct tggatgttgt cacagaagct 56876043
ctgcaattga atttcagtga tgctcagcaa agaacacaga atgaggccta 56876093
gggcagctgc tccagagtcc ctcccaaggg gcaggtgctc atcagcactt 56876143
gatattacca gactttaaaa atttttgctg agctcggcag tggtttctca 56876193
tgactttatt tgcatttctc tggttgctaa taagattgag tacttttctac 56876243
gtgtttatta ctcatatgaa tttcttcttt tgaaatgcc ttccaagtct 56876293
ttgcctattt cttctgattt ttcttattga tttgtaagaa ttctttctat 56876343
atcctggatg caagttcctt gcagttatat gtatcatata gtttatgtat 56876393
tttcatctat tttatatcat gtattttcct gctgtgattt gctatggata 56876443
tgctcatgta acttagggtt agagttaggg ctgggggtaa ggtagggtt 56876493

tataaacggt aaaaaattta taataaaacc tttttgattt aaatgtaata 56876543
ttaaaaaggct tttgttggtg gaatgtactt tacaataact cttaagatct 56876593
acagaaaagg ccatattgct tgtaattatg catttagatg tcagaacaat 56876643
ttaatatatt cataattcca ttatttttagg taggtggtag ctttttaaaa 56876693
ggacctagga tggttttttt ttgtcagctt tatgttacta tcttctccat 56876743
atgttctaac acttatcttg tactgcattt ttctttttct tttctttttt 56876793
tgttttgttt tagagaaggg ggtctcacta tattgcccag gttagtcttg 56876843
aactcctggg ctcaagcgat cctcctgcct ctcaaagtgc tgggattaca 56876893
ggcatgaacc acctgtctca gcctcatttt tctatagagc actgcaagct 56876943
cctaagtatt aaccaaagtg gaatacaaaa taaaacattt taatagagga 56876993
atcagtctta atgaccaaaa gaaacatcat tggatagggt gactgctagc 56877043
tataaataaa ctttttatta tttgtttgaa ggcttgaaa tagatgtata 56877093
atacatttct ttattattta aaaaaatcat tttttaaaaa gtacatactt 56877143
ggctgggcac agtggctcat gcctacaatc ccagcacttt ggaagaccaa 56877193
ggtgagcaga tcagctgagg tcaggagttc aagaccagcc tggccaacat 56877243
ggcaaaaccc tgtctctcct ggaaaaaaga aagagaagag aagagaaaag 56877293
aaaagagtac atactcattg acaaatccaa tcagaataga aaagaacaag 56877343
agaaagtaga agtcactcca aattctacca gccagggata atcactgttg 56877393
ttttactcag caggcttcca gtcatctttc tatgctattc acatacagat 56877443
actcttgcac cctaaaaagg ggaccgtcca ctccacgtca cttttcctta 56877493
ggtgatagag gcaggtgcta tccagctttt gcgaccagg cagcaggaac 56877543
tgcaggaaga tttgcagtga caccagcagc tattactccc ttctcccat 56877593
ttttttttta acatttccaa gagaaagatg gaagcagaag agaggacagg 56877643
aaggaagagt atgattatta atatttctgc tttgccaat tactgagaaa 56877693
aggctttccc aagagaaagt caggattaaa gtgctcaatc ccagtcccag 56877743
aagggtggtg cctcggggga actatactaa ggagttagta ttgcccagag 56877793
cgtgttccat gcggtgtaag aggctacttg aacaagtgtt ctgaggtcaa 56877843
gaaattgtgg gaaacgctgg ggtgaacaaa tgcaggcttt tcccctgaag 56877893

gcctcccagg gcacctgctg catctcctgg gtgggggagg agtggaggga 56877943
gtggctccct gtccttttag tgggggatcc tttttcacta acagtcaccc 56877993
aagtccagtt gtctgcaaat tttgggaagt gcttgtttga ctctagcata 56878043
ttgtacttta aagttagtat atataagtaa tttttataaa gaacaccttt 56878093
tttaaagaaa atgtggtaaa tagttaaaga tatggtgaac aaaattaaaa 56878143
tcgctcgtaa tcacaccatt ggaaataacc agcatttgat atattttggt 56878193
gtcttttctt ccagactggt gtttatatgt gtgtgtctgt gtatctataa 56878243
aatatgtctg tattttaaaa tggggattat aatgtgagtg tatgcctgtg 56878293
tgtgtatgta tatgtatgta agggattata gcatatatag agttttgttt 56878343
tgtttttttt ggtcttgaat aaagaacatt ttattattag agaaaaatat 56878393
tagtcctcgg ctgggcacag tggctcatgc ttataatccc agcactttgg 56878443
gaggctgagg ctggcggatc acttgaggtt aggagtgtga gactagcctg 56878493
gccaacatgg tgaaccacg tctctactaa aaatacaaaa attagccagg 56878543
tgtggtggtg ggcacctgta aaccagcta ctcaggaggc tcaggcataa 56878593
gaatcgcttg aaaccaggag gtggagggtg cagtgagcca agatcgtgcc 56878643
actacactcc agcctgggcg acagagcaag acgtagtcta aaaataaata 56878693
aataaatatt agccctcatg gtagagtgcc aataaaaacg tttttttgct 56878743
actatttcat agaaaccttt tgatttttga ataattttaa cattttttgg 56878793
taaagaaaga aaattcctag atacttttca tctagcctcc cctaatttta 56878843
tcactacata gtgttttaac tcaggctttt tctatctgta attaaatttt 56878893
ttgctaactc tgcatctaca aagtgaagtt ttaatttttt tttttttaat 56878943
tgagacggag tcgcactctg tcaccaggc tggaatgcaa tggtgcgatc 56878993
tcagctcact gcaacctcca ctcctgggt tcaagcaatt ctctgtctc 56879043
agcatcctga gtagctggga ttacaggcgc ctgccaccac acccagctaa 56879093
tttttgatt tttagtagac atggggtttc actgttttag ccaggctggt 56879143
ttcgaactcc tgacatcagg tgaccactc acctcgacct cccaaagtgc 56879193
tgggattata ggtgtgagcc acctccccg gctagatttt ctgttttata 56879243
aagcatgccc gccttctttt ttcttcctag **GTTACTATAA CAACAGTACC** 56879293

AAGGTGGCTG TGAAAACCCCT GAAGCCAGGA ACTATGTCTG TGCAAGCCTT 56879343
CCTGGAAGAA GCCAACCTCA TGAAGACCCCT GCAGCATGAC AAGCTCGTGA 56879393
GGCTCTACGC TGTGGTCACC AGGGAGGAGC CCATTTACAT CATCACCGAG 56879443
TACATGGCCA AGGgtgagtt cctcccactg cccagagctt gcaagggctt 56879493
caaactcaaa aagtaaaatg tgtaagtgtt cagaggtcac tcaactagtt 56879543
taattatcaa acagtatacc cactaccgaa aaatcaggaa atatgggaag 56879593
acaaagcagt ttataaacct aatcaccaga agtaatccat gtcacagaat 56879643
tgaaatctaa tcctcctgtt ttctctgcat ctgcctgcgt gtacctattg 56879693
ccctgagaat agtaccocat atctagtagc cccaataaaa tatttatcaa 56879743
atgaattact atgtatttca aaaaggaatt tttgaaatac atatgcttaa 56879793
aatgtgaaga gttcccagaa ttctaatact acagatttag tacggattgt 56879843
tcagtaccaa attcctcttt catttttttt tttttttttt tttttttgga 56879893
aacagagtct cacactgttg cccgggctgg agtgcagtgg tgcaatctct 56879943
gctcactgca acccctgcct cccgggttca agcgattctc ctgcctcggc 56879993
ctccctagta gctgggacta caggcacgtg ccaccatgcc cagctaattt 56880043
tttgtatttt tagtagagat ggggtttcgc catgttggcc aggctggtct 56880093
cgaactcctg agctcaggca atctgcctgc ctcagcctct gaaagtgcta 56880143
ggattacagg catgagcacc cagcctctat ttgttcttta gcgttatcta 56880193
atattcattt tccttttcag cattatctaa gtgttcaggg tgtcactttt 56880243
aaatattaat gttttttaa acttgtggag gttaaagtcc tatgtaatca 56880293
tagaattgct ggagaataga cttcaagcaa tcaatttttc ttctactgtg 56880343
atcaccttca tatacaagac tttgaatcaa catccttctt cctttgttca 56880393
cctccagttc aggaaacata ctaataaaact gccaaattat tttttacgaa 56880443
gtcctcagaa gtaatgaaga aacataagca atgatccagg attaacaatc 56880493
atctcatgca caatggagat gatagtatga tgtcatagct gaatagattc 56880543
aaaagatgaa tattacattt tcttatttaa tatctgtgag tatttcaaaa 56880593
tatcagtcac tcagagtctt tccaaacaat ggcatgttt gttttaaagc 56880643
aaacaaacca attagctctt gtggcttggg ttgcatata tagcccagaa 56880693

accaggctca gggccagaca ccttatagga gttcagtaaa tattgttgaa 56880743
ttaattaact tagagtattc ctaatgatag gtataaatat gagttttcct 56880793
atgtaacaat gcctaataata tatatatatt tatttttttg agacagagtc 56880843
tcactctatc acccaggctg gagtgcagtg gcactatctt ggatcactgc 56880893
aacctctgcc tcccaggttc cagtgattct cctgcctcag cctcccaagt 56880943
agctgggatt acagggtgcct gccacatgc ctggctaatt tttgtatatt 56880993
ttagtagaga cagagtttca ccatgttggc caggctggtc ttaaactccc 56881043
gacctcaggt gatctgcctg ccttggcctc ccaaagtgc ggaattatag 56881093
gtgtgagcca ccaagcttgg ccaacaatgc ctaatattta ttgagcactt 56881143
actatatgcc agactgctct tggtgctttc catgggtgat ctacttagt 56881193
cttttcagca gcctgagggc taagtactat tgttctgtgt catagatgag 56881243
atagcataac gtttactgag cacttgctac ctgtcaacca tcatggtatg 56881293
tgctttggat gcaacctttg attccaacc cccaaaactg taatatagcc 56881343
tctagtacat gccatttta cagagaccta gatgaggtaa acaacttgac 56881393
caaggctacc cgtaaggctg gtacttaaag ttctagggga aaaacaggtc 56881443
ttgctttaga gatgaagcca taggaggttg gagagtttgt tcagcagcac 56881493
actccttctt aggtaggttt ccactttttt ccaaagcaca gttcactcat 56881543
caaatattct ttgaggctgg gcgtgggtggc tcacacctat aatcccagcc 56881593
cttttgaggg ccaaggtggg aggattgctt gagtccagga atttgagacc 56881643
agcctgggca acatggtgaa atcctatctc tacaaaaaaaa agaattagct 56881693
gggtgtgatg gcatgtacc tcagctacac aggaggctga aagtgggagg 56881743
attgcttgag cttgggaggc tgatgctgca gtgagatgta atcatgccac 56881793
tgcgctccag cctgggtgac agagtaagac cctatctcag aaaacattca 56881843
ttgagcacct acagtaagt ccaagttctg tgctttttgc tgaatacaga 56881893
tgggagtgag cctggccaag tgtctgcaga gggcaggcct tccagtgagc 56881943
tcgctaaaga ttgggaggtg gcagtgagtg gatcatggtg gcaagtactc 56881993
tgaaatgcat ggttctcaga cacctgtagt gagaaaagtg gtatccacc 56882043
acattctttc tcacctggag cacatgcat gtttcacatc aggtcaaagg 56882093

taacagatta gaggggactg cgtttgacca atgccaggaa aaggctttat 56882143
ataaccatac agaattgcaa agccaatcat tttgtgggga gttcccctgt 56882193
aatagtaatg atgatgtgaa ttttgtttgg attttttctt gtgtgtttgg 56882243
aatgcactaa cttgttcttt ctttctccat agGCAGTTTG CTGGATTTCC 56882293
TGAAGAGCGA TGAAGGTGGC AAAGTGCTGC TTCCAAAGCT CATTGACTTT 56882343
TCTGCTCAGg taacatattc aaaaagcccc gtgtgcacgt gcatttgcaa 56882393
agacttcctt gcgtcaaatt catgaaggag ttattgttcc agggagaagg 56882443
aatttctggt gaatgtttcc cagcagcagt tatgagaaaa agaccttcca 56882493
caatacaatt cttggagata gtaataggac attcacatgg attgtgtgta 56882543
cgtgttgagt tttgacctgg atatcatctt ctataaacca agtcaacctc 56882593
tttatgttca tttcataagt catagaaaca gtgcagctga atcaatcact 56882643
ttctcagcat ttgggagagg cagttccatg ctatgtaagc acagcagctt 56882693
ttaaatgatg cgtatgtttt atttaagtta cgaatcgaat gtatggatac 56882743
ttttaagtcc tctgtattct tgaaaacaga ggaactatgt cactttcctg 56882793
ctcctcttct cgctccttct tgttggatgt gccatcagga ttctgtgaaa 56882843
tattcatttg tactattttt agtactagcc taggagttgc ctgtttattt 56882893
actttggaat cacatgtttc ctgaagtgta ttaagagca gaagcaagtt 56882943
atccagaagc cccacaatgt gcccaaaata tcaaggaaat gcacacttga 56882993
atgatgccag ctgctggctt ttactagttt cattgtgtcc attagtaatg 56883043
ttcagcagtt tgcttgcttg tttctcagta ttggcaatcg gtggtttcat 56883093
gaagcccagt gtatgtagca aaagagattt atagaagttc tagggaagac 56883143
tggtcctat agtcttctt tttcactgcc acttcttccc tcacaccctc 56883193
ttttagttag gaaattgcta cggccttctt gggaaatacga gatccaagga 56883243
atgcatgagt acagaggtga agcacctcac ctaaggtagg gctggacaca 56883293
ggttctgtaa tagagcatcg tgggctaagc tggcattcag cacctggaga 56883343
ctggagtttg tgttctggct ctgccactcg atagctatac cgcttccatt 56883393
tcagaagccc tttgcctatt tgggctactt tattcacctg taaaacagaa 56883443
tggttaattcc tgctttaagg agatgttgtt gagagtcaca tcagacacag 56883493

atgttggtgt gtcacatgct tggcacggac acaagcacct cagagcctgc 56883543
tggtggaagc tgggaaaacc caagggaggg caatgcccac ccttccagta 56883593
aaggtgtgtg atgggtgagt cacagtgtct aggcacctc tccacctccg 56883643
ggacttggca agcctaacag gttcctcatc tgagttggaa attcaagtgt 56883693
gccctgaaat gccaacatct aataagaaag aagcataatt gctgtggtgg 56883743
aacagagggg caaggaaagg acccagcagc cctgcctttt tagccctgtc 56883793
ctcaaagtct atgctggccc ctgggaggct ccatgggatt ccaaggtttc 56883843
cagaactata gtttgaaaac cacctctctg cagtaagagg aataggtggg 56883893
gttgggcaca gctctagaac ccgtgtagaa aacagatcag gaaatggaga 56883943
aagcagaagt ctgataaact tgggccatac ttacacggat caatgaggcc 56883993
ctctactcag gtggtgattt ggggtgtccc atgggtcaag agacttgagg 56884043
agtgtaaaca aggtttgtca cacttgtaga gggctatgga acatcgggac 56884093
acatggcctg gagggcctga gtggtcacag ccgttccatc tgctgggggt 56884143
ctgatctgta cccacagttc tttagagtag aagttacaca cattgggtat 56884193
gtactgtacc cggagaatga ctttattttg tcacatgggt attttgtatt 56884243
gggttttgca tggcttatct tgtaagactt tatcttgaca tagtcaaagc 56884293
ttttaaggtc caagtcaaag cctctatgct gagtctttaa tttagtgaat 56884343
tactaccatt acctcgaaaa gtaatttttc taacctcgaa gagtaatttt 56884393
tctaacctag aatgaatag ggggagaagc tactttctag acctcatag 56884443
cttacgagga agattaccac agagcctggc attgactgtg actgttgtgc 56884493
tgtggattcc agggggcttc agttgactct cctgtcaact gatggggctg 56884543
agccccctcg gtgacaggag ggcctggggg caatcaaggt cggcaccagt 56884593
ggctctccatc caagccagtt taccaaatcc agcccgtgcc aggtgaactc 56884643
atgttcacag gtccagggtc tctttcctag cagtggtccc ttggtggaac 56884693
ccatagttca tctggctcaa gtgcatgaac tgctcagtgt cactgggaga 56884743
gtcacgggtc agcagcagcc ggcaggacc taagtatggt cattcagcac 56884793
aaaattcatt ttccttacia ctaagcactg gctccatttg agttcatctt 56884843
tgctcaagct gcaaacctca ctgagactct ttcccagccc tcccctcaag 56884893

gtggcgctgg tgagaccacc tggctccat ccttaatcat tatctgcttc 56884943
ttgtacctgt ggcttttctt attataatac agataatttg agaaaggggt 56884993
cttacccttg gcaacaagga gtagggcctg tacgcttcag cttcagcctg 56885043
aaatcccata ccttccactt ctagtttctg ctactgccc ctgctccctc 56885093
gtccgcctgg gatgccctca ctgatgacca ctgctaccca gtgctcctcc 56885143
tcctccttca cacacctttc tgaaatgatc tgtctgtgcc aagaaggcca 56885193
tctctgcatt atcttacctt tccttctcta tcatgtgcc ctaattaaat 56885243
ctatcacttt tccatagtgc ataacatgac aatagaatta ttattaaagc 56885293
tgccccacgg tgacagagat ccctggggcc cagatacttc gataatccaa 56885343
ccttttctat accttcccc cactttacta tttaggggtg aaatttaggg 56885393
ataaagcaga agaggaatta cagaagtcca tttgctgtgt cagctctaac 56885443
taaacagtta gtaggctgtg cgataatgat gcgacttgct gtcttccata 56885493
accgttgtca atagcgtcag agttgggaaa ttgaatgttc acaaggggtg 56885543
gttaaattca gcagattgtc acaatgagag attggtcatt gggagtagaa 56885593
ataaccagt ttacttaatc ctagccctag aagaataagg gaaactgtga 56885643
ggggcagagt tgggactttt cccaccatct gtatctggcc tcttcttccc 56885693
gctccccact acccacttcc ccatgcccta ctctcccctc cgcattcccc 56885743
tgtcacccat tgagacagaa agtggctaag tgcacgtgac agcctcacag 56885793
ttcatgtgag agctgatttc atcacttctt gtctcagaat gagttctgaa 56885843
agacttgtct gagctcaagt gtaataatcc aactctcca accatccata 56885893
gcccattcaa catagatcaa gaaatcctga ctacagcagc tttaccact 56885943
gcttttctct ttgtattaaa ttaagcaatt tagtgctttt tgtgctgaaa 56885993
taggaaaata cctctttgga aaggaagttt gatactttca gagcagagag 56886043
actttgcata attcccttgg cttttagggc ctatgtcaga gaagaaaaat 56886093
gaacttggaa agaaaagggg ttaaaaccag tggggatttc cttcaccaga 56886143
agctgagatg gaatcataga catgtcaaac tgagaggaaa gagcagtgaa 56886193
aaatttacag ttgcagtttg gagagcaaat aaatcatctt gtaattcaga 56886243
ccaagtgaat caaagcattt attactctt ggtggcggt tctctgaagt 56886293

gcaaaaatta ctaaaaatgg aacaattggt tgtgagtaa atgtcagtaa 56886343
aaactgcaaa atcaagccaa acaaagtggc atgcacctat tgtctcagct 56886393
acttgggagg ctgaaacggg aggattgctt gaggccagaa gttcaggacc 56886443
agcctggaca atgtggcaag aatctgtctc tttaaaacaa aacaaagcaa 56886493
aacaaaaaac ttgcaaaatc agagtgttg taattatcat ggcaacaagt 56886543
aacatttatt ttagcttctt ctggttgata cagcacttct acctccatta 56886593
tctaatttga gcccaacagc cttgaaagca tatattttgt tgtttagtac 56886643
ctcttacaga taacgaggta aacttgact tggccaaggt tactgagcta 56886693
gtatgcgga ttgctgggac ttgatccagg gacttctgac tcaagataac 56886743
tgattctttc ctctgcagcc tgctgttgtc tcatggttac agttgctgtt 56886793
atggtcattt tgcaactaac cctactgtga tatgcatttt ccccgttatg 56886843
gattttgacc atcaaaaatta atgttttctt tagctttttc cacttcaaaa 56886893
gtctttattg ccaagatgga ggttatgctc aaggtatatt ttacccccag 56886943
tattaaattt aaagccacat tttaaggtgg aaattggtaa aatgaggaag 56886993
gtaggaaaac tctatctagg aagtctcga cctttttgag taggagggcc 56887043
ttttaacagc agagctttct gagcacaccc tcatggttgt agctactgag 56887093
tgagaaaaca gtgtatagat tgggaagccc ttgtaatatc tcttggttga 56887143
aactcaccag tatgttggtc gtaaatacagg cttgaagggg ctagaggggg 56887193
aagttcttgg gaagtttcta gaatatttgc caatatcatc caaagtgggt 56887243
ctcttcttct gtctctttgt ctggaacgta agagatgtgt tagacgctca 56887293
tattccacct caaggctatt atcccagtg atcaactgct ttatcttcaa 56887343
agccttgatt agtaacaacc tttgattgat agcgtcctca tgtttagttc 56887393
actcaagctg gaggagagt tgcattgaga tgtcgagtca gacgtggtgg 56887443
caagtggaag cgcaggtga ttgacatggt ttgcggttta accaggaggc 56887493
cagatccgct cccactcca tatataatct cccctccacg tggaaattct 56887543
catacatgac tcttactgag gcctacacat tcccaatcgc tctttcaagc 56887593
acaagaggct ccttagagag aaaaacagcc agcactgaag aaggcattca 56887643
tgaatttcat agaggaatct gagccgggtg ccgctgtgga ttcaggggcc 56887693

acatagtggc caggatgtga tggccctga gtgggcattg cttggagctg 56887743
atgcttggaa acctcagctt tctcagtata caaatgttaa cacagctggc 56887793
ggtttagctct ttctcagaat ttgagaaatg ttgccatgat tttgtaaag 56887843
gagcctagat tatgctaag atggagaaat cactgagcca agaaccagaa 56887893
aacctgcttc tgcatgggga aaatcacttt gtgggcacca gtgtcctcgt 56887943
ctgtgagatg ggaggcacag gttgggtttc ccacagcctc agctctaata 56887993
ttgcatgact aaggacatct ccttttattt agactatcta tgtgaatcgt 56888043
caccaaaagt tgcaactaat gattctgagg ctatgcagat gacattgata 56888093
taagatttta gcattgctct aaataagga acacaaatat atcactttaa 56888143
tgcagtactt acatgttggg cacttaaag ctctatttat cttttttgaa 56888193
taatgagtgt tatgttttca gcttaaactt tgaccatgaa aacttagaaa 56888243
atggacaaat gaaactagtt actgtcagaa ttgcaaaagt ggatcatatg 56888293
cagtttcctt ctgaaaaagc caaaggaata ggaaactgtc atttaaaaat 56888343
agtataaac aggaactctt tttttttttt ggtaagggtg ggggtgggct 56888393
gttttgcata ttaagcaag aggaatcatg actggctgtt aaaatagcaa 56888443
ataaggcaga atttattttt gctttaaatt tgattgggaa gctttgggtt 56888493
agtgtatggc agagggtgtg gtgcttttgg cctgcaggca agatctgtct 56888543
cttatcttaa tgttattttg accaggggtg gcaatttctg gtgagtgcta 56888593
ccgtaagtca caaaatgcta ttctctttgg gtactcatca tggaaagctg 56888643
cagggctaga attcaactga agtggtttag gagtgggagc agtttatcac 56888693
cagctggtca cagttgaaaa gtggagatga aagcagtttg aaattagcca 56888743
ggcttgggtg tgcgtgcctg taatcccagc tactccgaag gctgaggtag 56888793
gagaatcact tgaaccagc aggcagaggt tgcatgagc caagatcaca 56888843
ccactacatt ccagcctgag tgacagagca agactccatc tcaaaaaaaaa 56888893
aaaaaaaaa gaaggaagga aggaagga gaaagaaagc aagaaagcat 56888943
tttgaagga gcagtgaga gtaaattcca gctgaccttt gtctccagca 56888993
cttggcttgc tctccctgag cccctcacc ctcttgggtg gcccgcctcc 56889043
ctttcactca cacagctatc ctgagcacag ccaggcactg tgtcaggagg 56889093

gatgagcaaa cggcacatgg catggagtgg gggacaggtg agttgcaggc 56889143
aaagacaggg tacagccctg ggatatggca agggctgtca gagtggggcac 56889193
cgcatgctac tttcagagta catggaggag gatggagcgt agtagggtgg 56889243
gctagcaggt ggaaggtggg cttcctggag gaggtcacc c tgagagccag 56889293
gattagccct gctagcttgg gaaggggtgt ggctgcaggg atgggtcttc 56889343
agttgtagga acctcgtgca taaaggcaca gaaaaggagt acacggggat 56889393
gcaagtgggg gtatatggag agaacagctt agggggcact ctgagagaca 56889443
tggacattaa ggaaactagg ccgagcacag tggctcatgg ctgtaatccc 56889493
agcactttgg gaggccgagg tgggtggatc acctgaggtc aggagtttga 56889543
gaccagcctg gccaacatgg tgaaacccgg tctctactaa aaatacaaaa 56889593
gttagccggg catgggtggg tgccctgta atcccagcta ctcaggaggc 56889643
ttaggcagga gaatcgcttg aaccagaag gcggagattg cagtgagcca 56889693
agatcgtgcc actgcactcc agcctgggca acaagagcaa gactctgtct 56889743
caaaaaaaaa ataaaaataa aaataaacta gaccggttca ttctcagttg 56889793
tggaagacta aactgttttg tagataactc tggtttaaaa aatgtatctg 56889843
tacaaaataa aatgcttat actcagcaaa tagtttcaac aggacttaca 56889893
gttttaccct tttagtcaaa gtaggccttt aatcattag tggatgcttt 56889943
ttgtatttac tgtaatatgt attcatgtta cctctgttct ccccaaacac 56889993
accaggtgt tctttataga aattggtctg ttttgacttt tggagaatca 56890043
cagagttctc agcttttcat gtcctaaca ttttgttta ttactgtttt 56890093
tgttgctgtt tttgttttgt tttttaaacc tgagaccagg aagggtggga 56890143
tggaaaagga atgggagagt ttgtgttcta gccagagct catctctgtc 56890193
tggcacagtg gctcatgcct gtaatccag ctctttggga ggctgaagtg 56890243
ggagggttgc ctgaggctgg gagtttgagc ccagcctggg caacacagtg 56890293
agactcctat ctctaccaa aaaaaaaaaa aaaaaattag ccaggcctga 56890343
tggtcgtgcc tgtaatcca gctactcagg aggctgagac gagaggattg 56890393
atcgaacccg ggaagttgag gctcaagtga gctatgatta caccaccgc 56890443
cctccagcct aggtgacaga gcaagaccct gcctctaaaa aaacaaaaca 56890493

aaagcaaaca gagctcgtct ctaaagggtta cactctgaaa cggacaggac 56890543
ttcttctgag ctttttcaat tcagagctag attctcaggc cctctcccca 56890593
accctcact aaagccaaga agcacctgaa ggagttcagc ccaagtctgg 56890643
agatacttaa acctctcaac caagtggctt tcctggtgct gtccctgaag 56890693
caggtgtgag gcctgagtta tgaaactgag gtgggttgcc tggggataat 56890743
ggggatcgac tgagcatttc agcaggaatg tgataggatg agacctgtgc 56890793
tttaaaagt gccccagcca ccgtatacaa aaatgattag aaggggtgaa 56890843
agctagagtc cagggatgag ggagggagga tgggcctgag cgaggtcagt 56890893
gttgcctatc acaggcacat agaaatagag aaggaatgtg catggggcag 56890943
ctgaggaccg ccattgcggg cacggggttg aggtggctga tgaaattagt 56890993
tttgctgtac tgggtttgaa gtgccatgaa acatcagcta gagatgggca 56891043
gctagcgtgg acaggcattt tagtataggg gtctggggct agaggcttca 56891093
aggaggctgg tgctgcagac agtcatataa ataggggttg gatgaggtcc 56891143
cctagagagt gtgggaagg gacagaggaca gccccagaca gaccctaaag 56891193
aaagggtga gagggacaag tcagagagca ggctggggac accagaagca 56891243
cagtggcctg taaggaggag gtggggttgc agcgcaggcg acggagtctt 56891293
gacacgcagt cagagagcag ggaaactgcc acgggacttt gcgacagga 56891343
agtctttgag aacctggctg gacccttctc agtgacatgg tttgggtgga 56891393
agccaagccc ttggcctctc tcctcttcc tgatccctag aacctgttc 56891443
tctgcctgca caggctcctc cctagccctg gctgactcct cttccttttt 56891493
ctttctcctc tgctgccgct tttctctcca tgcttccctg accgctcagc 56891543
atgcctcact cttgaaaaaa atgtgatttt tctctgtact taaatgaaac 56891593
catgcacttc tcattctttt tttttttttt tttttttgag atggagtttt 56891643
gctcttgtca cccacgggtg agtgcaatgg tgctcactgc aacctccgcc 56891693
tcccaggctc aagcaattct gcctcagcct cccgagtagc tgggattaca 56891743
aacgtgtgcc accacgcca gctaattttt gtattattag tagagtggg 56891793
tttaccatg ttggccaggc tggtcctgaa ctcccaacct caggtgatcc 56891843
accgcctcg gcctcccaa gtgcagggat tacaggcgtc agccaccgtg 56891893

cccagcctca ttcttgttt ttaaagtgg tttcttctgt gatggaataa 56891943
aatgaaataa aattactgag agaggaactt aaattattgg tttttaaaaa 56891993
tatatggttt tntagacttc ttagaaaaca cagcattctt cgcctaccct 56892043
cggagcacgt gctgtagcta tgcatttggt tctgtagctc tgcagctcgt 56892093
ggggctttgt gaaacacaat gagaagcatc taaaaactga gtcacaaaaa 56892143
gtagcccttg cccccattta agaccggttt gactgaaatg tgtattctga 56892193
ggtcagtttg gtgcctggaa tgcattcccc aggttttgct gaggttccca 56892243
tctcaggcct ccaccagca cagctctgca gatctcacc tgattcagcg 56892293
tcaccccagg aatgggtgtg tctgggctcc ttggtatgg tcttaaggca 56892343
gctcctctct gccaaagcag agcctgacac cctgcccagg gctcagagg 56892393
atgccacagc atctccgggg ctgccagagg gccgccacc ctggtgcgga 56892443
agaccccacc cgagctcctg ccatagtgtc tgcctcctgg cctcttcccc 56892493
tccccacatc aagacctgtt ccttgagat gaggcctgca gctgacagcc 56892543
ctccagaggc cctgccccag tagggctcag agcccatgtg cacaggcagc 56892593
attccaccta ggcaggccac agtccccggg aggtggccac acagggtccc 56892643
cctgagccat ggctttctca gccaatggtc tgcccagccc tcctcactca 56892693
taatcaagtc ctctcatttc ttcttccaaa atagatctcc ctctccagg 56892743
tcaccattgt ctctcatctg cactattgca gttgctgctt tttttttgtc 56892793
ttttttgaga tggggctctca ctattttatc caggctggag tgcagtggct 56892843
tttcacaggc atgatgccac tactcctaag cacaggagt ttgagctgct 56892893
ccgcttctga cctgggcccgg ttcaccctt cttaaccaac ctagaggtcc 56892943
tccactccca ggagtcacca tattgattcc gaacttagtg cagacaccgg 56892993
atgggcatag caaagtgcag cccagagctc ctgggctcaa gccatcctcc 56893043
cacctcagac tcccagtag ctgggattac aggcatacac catcgtgccc 56893093
cacagttgct tcttaactgg tgttgctccag tttggcaaac agaagaaatt 56893143
caaggtatac agtcaaattt ggattttgga taaacactag cttttaacag 56893193
aaggtgccc atgtcttccc aggcagccct gctcctaatg agcctccctc 56893243
ctgtctcttt ggctaccctc tttccaggct ccacaaagta ggcagggaca 56893293

attggatgct tttaaaattt ttgccttttt aaaattgtgg tggtaaaata 56893343
aacacaaatt acaccatttt aaccatgtct aagtttatgg ttgttggcag 56893393
taagaacatt cacattgttg tgaaaccatc accaacatcc acctgcagaa 56893443
ctctttcatc ttcccagacg gaagctcttt gccactcaa tgccagctcc 56893493
ccgcggccgc ttgctagccc ctggccaccc ccgtgctgtt ctcggtctct 56893543
gtgaatctta cagactggat ggttttgcat ccctgctcag ctccgttcag 56893593
tgggtcccca ccacaccag agagactccc aacacctgtg catgtgactg 56893643
attcctcagc actgagccca ccacgctctt ccctatccca gtgcctctcc 56893693
agagcccact tcctggaagc gtcaccctt tgttctgagc cacaccacac 56893743
ctcttatcaa caggcacctt ccctgacctt ccttctgaag cagttccatc 56893793
ccaactcctg cttactccat tctcctcagt ctcggtcccc gccatttct 56893843
tccatagcgt gtactgcaat ttgaattttt tgataagttc ttctttacct 56893893
ttttatcccc agcacttggg gcagtgcctt gtatatagta gatgctcaaa 56893943
aatgcttggt ggatgactat actggccact taaaatgggg attgactata 56893993
ttccgtttaa aacaataaat tctttattct ctgcttcata cagctctgaa 56894043
tgagtaacta gaagaacata ttttttgtgt gtttaaaaaa atttttttta 56894093
atatagagat agggctcac tacattgttt aggctggtct tgaactcctg 56894143
agttcaagca gtcctccac ctctgcctcc caaagtgctg ggattatagg 56894193
tgtgagccac cgtgcccggc cagaacacat gcttttgaaa aggttttctg 56894243
agtcattatt caggtgtatt taaccataaa gtattttctt cttccccttc 56894293
ctctaactat aggtttactt tcctgtacaa aacttacttc attggttgaa 56894343
ataaaaagtga gaaaagaaga aggaagtaga atacaagtat ctgggcctgt 56894393
gggaaaaaca aagtgcagct ttgttttgca ttccttgtgg cataaagaac 56894443
accaggagga atgagaaatt ataaatgaag tatttgacat tgaagccaac 56894493
ggcagatgca ttctgcttaa tttggagggg aaaaacccca caactgaaca 56894543
ggtttgcct cccccagtgt catgcagggc ctctcgtggc ctctccctgg 56894593
gcgctgaaca gagccctttc tcagcacctg ttggcagagg ttgatgctag 56894643
agttcccagg gtgatgggct ggcggattct taacaaagtc aggatttcca 56894693

gctcttgttc attttccacc cagcgcccc agtgtctgta acatcattat 56894743
ctggcaatgt tatatgttac agagccaact acttgcatga ttattaaaat 56894793
tacatttata cttcaggttg agtatctctt attcaaaatg cttaggtcca 56894843
gaagtgttc agatttggtt ttgttttttt tttaatcctc agatttttga 56894893
atatttgc atatacttact gattaacccat ttcaaaaagt tttgaatctt 56894943
ggagcaatat ggattttggg tttttggatt aggtatgttc aacctgtagt 56894993
attgtcaatg gaaccaatgg tgtgctgagg tatttttggat gcattacaag 56895043
gagctgtacg gcttgatctt cttttccatt tccagacctt ctacctcccc 56895093
caccagggac ccccagcttt ggagtccacg ccatcagact gtgccagtct 56895143
gactcacttc actgctgtgg tcctcggatc cccgaacact cctccttget 56895193
gtggtcagct cgggctggct tgctgttccc agcacagccc tgtcatcatt 56895243
ccatcatttg tagccatccc caccttcaaa tgctggcttc tctgtgtctt 56895293
gacttcctcc cctccaagac tctgtcctct cccctcgagc cactctgcag 56895343
gctgaccaat tctgctgctc attgcttcat ttgatcgttt ccacttcagc 56895393
cattgcctcc cttctgtcca ctcacctcc tgacagccgct ccagccccta 56895443
cagcctcagc ctgtcaccag cacttcccgt cccttgaacc tgccctgtccc 56895493
taccgcccct ccgctcctgc ttctcttctc tcctccccta gcttggagac 56895543
actcattgcc cctccccat gtcacacgca cctggtaaaa tgccagccct 56895593
atggaagtcc gaccctcac ctattttgcc ctcatgtcca cacaacagct 56895643
gtgacctgca ctgagatgcc tagcagcttt ctgcatttcc agttcaagag 56895693
caccagcctg aggagcctca tgaaccccg catgtgcca gtctgtctcc 56895743
tctcactgcc tgctagaaac aatgccccac cttcccttctc tctgccctca 56895793
aaccttcccc tacttgctc tctctgtgga ttccctgctg tctctttccc 56895843
tgagacaaga gaagctgcca gccaaagagc ctgacatgca tcaggtcttg 56895893
tgctctcttg ctgtttcaag aactgttct agaaattccg cattagcgtt 56895943
ttccctcact tctgcacttc ccataggaat caaagtaaag ccttcacttt 56895993
cccctacatc cctctccagc tacctcagcc tccaggtgtc tcctccccct 56896043
gacaacagaa gtgttttagg aactatgctc agtttcccc agttcttccc 56896093

cacccgcct ctcttgaacc tcccaccct cgacccagc agcacaagtc 56896143
agcagtgacc ctcaggacac tacatccaaa gggcacccat ctctcagcat 56896193
cttcctagct gccaccagc agggctctgct attgtcagtc tcaactccctc 56896243
atggcacgtt ttcctcattt ggcttctggg aactgttct ctgcttttcc 56896293
ttccccctca ccagccagct tctcatttgc ccagtggta aaccttgcaa 56896343
tgtcccagaa ctcaactctt caacctattt tttctccaca ctaagtctcc 56896393
taagtgattc cattgaaagc attgtattaa tttcctgggg ctgtcagggc 56896443
gcttaaaaca atagaaatgt attttcctgc agtcctggag gccagaagtc 56896493
tggaatgaag gtataggcag ggctgtgctt ccaggttctt gggaagaatc 56896543
cttccgtacc tcttccagct tctggcagct ccgatgttcc attccatgtc 56896593
ttgttgaccg cactgctcct cttccacct ctgtcttccg gtggcctctg 56896643
accttcctct gccttctctc ataaagatac cagtggttct atttagggcc 56896693
cacctaaat ccagggtgag atttcatttt gagatcctta attaaatctg 56896743
gaaagactct atttccaaat aaggccacat tctgaggttc cgggtggtcg 56896793
tgagttttgg ggggacatta gttaatccag cacagctgtc tagactccgg 56896843
ccactccgaa gcttctagct cagcccaaac tgctcccgtg agcccctgct 56896893
ggctcagcat ctgcccagg atgtgtgttg ggcatgtcaa actcaatgca 56896943
ccccaaactca gtgcctatta cccccttttc caaacctgt gccagcagcc 56896993
atcttctccc ttttgttgat ggcacctctg tccttgagc tgtcagatcc 56897043
caacactcaa agtcattctt gaccctcttc cttttacatt gtatatccaa 56897093
ttcctcagca agtctggggt tctaccctca aagtagattc accttcctaa 56897143
gtcctgcaca tggctactct gacccaactt gaatacacac tcaaagtgag 56897193
taatctagga gctggctctc tactcctgtg ctcagctgtg gcttccccca 56897243
gccagtggt cacacagcag tcagagcaat gctttgaggc ataaatcaga 56897293
taaccccctc actctcagcc ctccagttct tcttggttc actcggaatg 56897343
cagggggaag ccccataag gccatttgc tgcaagtgtg gtcagtcatg 56897393
atgtagattt gctttcagaa gttactcctt ttcatacatt ttttattgtc 56897443
ttatttgttt ggaaatctat gtttcagggt ttcagtgtgct tatcattaa 56897493

ttcaccttgg attcttgttt aaaatctgca ggtgtctagg taggtccctc 56897543
tcactgttag cagtcattaa ggactagggc cctgaataag cgcaggggt 56897593
cctgtgggct tcaatagtcg ggaaacactg ccattgagaa gttgctgaac 56897643
cgagcaagtg atcctttttc taggtcacgc atcttgcaag ggaatgctgc 56897693
ttttcccat tagaaagctg cactgctggg gaggaactgt acttctctca 56897743
ctgctctaag tgagtgaaac ccagtaattg tttgctgaaa tcactaggca 56897793
tggacaagtc ctacctggtg agcaaaatgc ttgacctgc ttcttcctca 56897843
gcttcggccc ttgcagccac acccacctgc tcttgcccc acatccttag 56897893
gtaaaggaaa atgcaggagc agccacagag agcagacgtc acaggcttcc 56897943
ctcgcaaaca catggtattt tgaaaacgca cttcaaaggg gttgaaatat 56897993
aaataaagag gatagcaaat ctgtttcagg tatatttggg atttgttaga 56898043
tcttgttaca gatttccttt aagtttgc aaggacaaat aagtcaggga 56898093
ttgttttcgg agcccaggcg ctgtctttat acaggaattc ttttcagaat 56898143
aacacacatc aagttcttta aggtattttg tcttagttga aatatagcac 56898193
agctgcctgc tatgtatttt cttcttctca gctatctgac atgggtgata 56898243
ttcatgtgct ggattattat tttctgtctt ccccatcaa agagtaaact 56898293
ctgcaggcaa ggactgttta gtggacctgc aactgggtgg ggcttgtggc 56898343
atacaggcag gactgtgtgt ggttgatgg aagggggaat gtcagttctc 56898393
gtaagctaata ggagatacct tgacctcag tcttttaata tactaagggt 56898443
gaccaggctc agtggctcat gtctgtaatc ccaacatttt gggaggctga 56898493
ggcaggagga tcagttgaac ccaggagttc gagaccgcc tgggcaatat 56898543
agtgagacct catctctaca aaaaaataaa caaaattagt tgggtgtggc 56898593
agtgagcacc tgtgggtcca gttactcagg aggctgaggt aggaggattg 56898643
cttaagtcct gtaggttgag gctgcagtga gctgtgatcc tgccactgct 56898693
ctctgtcctg ggcaacagag accctgtctc aaaaaaaaaa tccaccagaa 56898743
tccccccgc aaaaaaaaaac gctaccttat gtatatgcta agggagtagt 56898793
catggcatgg catcctagtg acattacaaa tagcagccat atccctttac 56898843
attcctgcc a gcagtgtgtg agatttcag tttctccaca tcctcactaa 56898893

cacttgttat tttctgggtt ttgataatat ctatcttcgg ggtagtacag 56898943
tgagttttga aatatctatc ccaaagacat agttcagtga gtttttgcaa 56898993
gagaaagtaa atgggtattc attgacaaaac ttttcttcct gttttctaaa 56899043
gaaggtaatt ctgtttcgtg gacacttaat gatttaaata tgggtatttg 56899093
gtgaagctgt cattttgaaa atcatctctc cctaaggcat tgtgggtcct 56899143
tgcatgctga cagattgact agattttgag cagtcacaga aatctccacc 56899193
agccctaagc ttggatatgc caaacactgc ctcacatcttg agctatgaag 56899243
gtagtctaac agactgcaag ctttaacttg actgtttatt atgattatta 56899293
ttattttaga gacaggatct ctttctgttg tcctaggcta gagagcagtg 56899343
atgtgatcat acctcactgc agcctgaaac tcctaggctc aagcgatcct 56899393
cctgcttcag cttcccaggt agctgggacc acaagcatgt gccactacac 56899443
ccggctaatt ttaattttt thtagagata gggctctgtt acgttgcca 56899493
gggtgttctg aactcaagtg atccttcctg ctagtccca caaagcactg 56899543
ggattacagg tgggagccgc cacattcggc ctaagttgac cattttttaa 56899593
attatctgac tttcttattt ctttttgccct cttttttttc cactgccaac 56899643
ttggtgagca ttgtattttt agaatagaat aaaaagaatc ttttcttgcc 56899693
aggcgctgtg gctcatgctg gtaatttcag cactttggga ggctaaggca 56899743
ggcggatcac ctgagatcag gagttcgaga ccacactggg gaacatgatg 56899793
aaacaccgtc tctactaaaa taaaaaaaaat tagctgagtg tgggtggcgag 56899843
taggtcccag ctactgggga ggctgaggca caagaattgc tcgagccccg 56899893
gaggtggagg ttacagtgag ccaagatcag gcactacact ccagcttggg 56899943
ctacagagtg agacttcac tcaaaaaaaaa aaaaaaaaaat cttttctgtt 56899993
tattttatta ttttgagaca ggcctcact ctgttgccca ggatggagtg 56900043
cagtgggtgca gtcttgctt gcaacctccg cttcctgggt tcaagcctca 56900093
gcttcccaa tagctgggat tatgggtgcc cgccaccaca cctagctaag 56900143
ttttgtattt tagtggagac agggtttcac cacattgggc aggctggtct 56900193
cgaactccta gcctcaagt atccaccac ctcgtcctcc caaagtgctg 56900243
ggattatagg catgagccac catggctggc tcaaatcctt tctttttaa 56900293

ggaaggagcc aatgtggatg aatgcttaag agcacagact cttaagcctg 56900343
gaccagccag actcaggttg gaatcctggc ctttctaggg aaattgtaac 56900393
ctctccaaga ctcagcttcg tcctcgttac tatgaatata acctacttta 56900443
tggtgcttatt ttaacgacta acatgcctag cacagtgcct gggcaagtag 56900493
tagctaatac atggtagcaa tcatcatcat catcaaagta tagatttcac 56900543
tatttcttag cagttatact tggaaaagga gattattatg ataaccaaata 56900593
aaagctaaaa taaaatttcc aagaaatfff gatcccaaaa aagtagagta 56900643
caaacaagaa tgcatgagct ctctgttcca tccctttcct ccatccaaat 56900693
tatggattgg agattagagg aatctagtgt tggggaatca atgaatatta 56900743
acaagtagaa aagtgtttct gtgacaactg ttgagaggta taaaacaaat 56900793
gctgtcatat ttgcagtaca gacaagttga gttcttaaac tttttgcaaa 56900843
ctccctgggtg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg tgtgtttaca 56900893
tcctatffff ttgttgttat cattaaatgg tcttttttagg tcagtttggg 56900943
attgactcca ggggcttcct gttataaaaa aatcctttag agagactgta 56900993
ggttttactc aatttctact tatttttcag ttccaactta ttaatattgt 56901043
tattttatag gcatcctagg gcttttgaac atcattaatt atgtgaattc 56901093
ttctttttct caagcatagg aagacaatac atccttagag agtaaggtaa 56901143
acagtgctca ctaaaacagg taaagcacca ggaaaatcag atcttcattt 56901193
ttcctacttt ttgacagggt tctcatttaa tttttctcac tgcttgtcta 56901243
gatgacaaat gttttccaag cagccaattc taagacaggt tgcgttttca 56901293
gttccagttt ctcathtag ctggaatttc ctgggtagt ttttagcttt 56901343
gcttgagaga tcacattcag cccctcagtg aggttccttt gatccctttt 56901393
ttccctcagt catctgacag aatgggggt tcttctcatt aaagtgaaaa 56901443
aaaaaaacc aaaaaacaaa aaactcaccg agcaagatag ccttgcttgt 56901493
ctttgccaat ttctcaaaaa gcgatagtaa ttaggatgaa cagaagagca 56901543
ctaaagcaag atttccagag tgaggatc acagaaacac ttcatattt 56901593
gtccaaagca ttgctcatgt tctctgggtg tagcagccgg gtatgtgtgc 56901643
tgagcaaaca gtccacagg cacatgccc gcaaggctgg tgatggctca 56901693

gagcctgcgc ctcgggtggg agagagcttg ctggaagccg gtttcaccgt 56901743
gtgggatgct ggggttgaca gacttctcac tgggcctttg agaaaagcgg 56901793
gaaagatgaa tgacctggat ggtcatcact aggaagctac taagcagggg 56901843
cattatttga gctctgcttg gatttgtaaa acataattga gattgtgctc 56901893
tctatcaaac ccgcataaaa gaagtccatc tgatatatta cctagggcct 56901943
tggtggttag gaatttccca tctctggtgt ggtcataggc aaccacttc 56901993
tcagtgggtg tgtttgatga cacaaaaccg cagtgcctca tgaggagag 56902043
cccgttgcc tttcctcgag aaggtccagg caggtgcatt tggatagggc 56902093
ttgctgagcc tactcacatg gacactcccc attcaggaaa tagcaacttg 56902143
gactttctac tttaacattg ttagaggaga ggaatttaa atgagtgcac 56902193
tccactcaaa tgtttctaaa actttggtct catttaacca aaccaaaaac 56902243
catctgagac aggtctccat caatttagag gtttattttg ccgaggtga 56902293
ggaccatggc tcatgacaca gccaccagag atcctgggaa catgtgtcca 56902343
aggtggctgg gatacagctt gatcttacac attttaggga gacagaagtt 56902393
ataggcaaag acataaatca gtacacagaa ggtgtacatt ggttcaacc 56902443
aggaagcgg gatgtcttga agctgggagg ggaggcttcc aggccataag 56902493
tggattcaaa aatttcctga ttggccaggc acagtgactc atgcctgtaa 56902543
tcccagtact ttaggaggcc gaagtgggtg gatcacctga ggtcaggagt 56902593
ttgagaccag cctggccaac atggcaaac actgtctcta ctaaaaatat 56902643
aaaaattagc caggcatggt ggcggacacc tgtagtcca gctactcagg 56902693
agactgaggc aggagaatcg cttgaacca ggaggtggag gttgcagtga 56902743
gctgagactg tgccactgca ctccagcctg ggtgatagag tgagactctg 56902793
cctccaaaaa aaaaaaaaaa aaaaaaaaaaag tcctgattgg ccattggttg 56902843
aaggagttaa gctttgcctg aagagttgta gtaagcttga gttaaggat 56902893
aggaagtggg ggttgtagaa gcaaaggttc ttatcatgta gatgaagact 56902943
tcaggtagca ggcctcagag agaacagatg tgaatgtctc ttatgggacc 56902993
ttaaaggtg tcagttaa atctctctgga tcaggaaaag acttgaaaag 56903043
ggaatgggat tctctataga atataaattt cccccataag agatggcttt 56903093

gcagggccgt ttcaaaattt gtcagagaaa tataatttaa ggtaaaatac 56903143
tttgatcttc tttagaacct gttatctgtc atgtgatgtt atactaaagt 56903193
ctggttggaa tttggtatct tattgctgca aagagtctgt ttatcagtct 56903243
caggatctct attttaatgt gaatgctggt cattggtgtc tacactccaa 56903293
aagggagaag ggcataatga gtcatgtcca attccccctt ctcatcatgg 56903343
cctgaactag tttttcaggt ttctttgaaa tcccctgggc caaggggagg 56903393
gtctaccag ttggttaaga ggcttagaat ttttaattttg ttttacatgt 56903443
tttaaacctc ataccctggg gaaaaagtta tttgcaaagt aaataggact 56903493
ctaaattttg tattctgtcc ccactctgcc cagcttaagt gtgtgcctat 56903543
ttaaggggtg ctgtgtgtgt gaaatcatac tagagatgtg aatataccaa 56903593
caaatagaga cacgccggca gtactaccac gtcaacttaa gcagctgtgt 56903643
ccatagtggc ctctgagatg ctgctcgggg tctgaggtct atccctgatc 56903693
ccactctgcc accagccctg acagctgggt tgcctccacc tggaggaagt 56903743
ggcacctttt ctcacctgct gtggcccaa gggatcttt gttgaagggt 56903793
tgacacttcc tgtttcacac cagcagtggg ggagaaagtc ctgccccttt 56903843
ggggtcagaa cgttgggtaa gaccttactt ctctctttct ctggtccact 56903893
tgtgcctcta gctgcctcaa agccctgact tatggaaggc atctgttcag 56903943
ctgactggca gtggaggaag aggcagacac ttggtgacta actccttttc 56903993
ttctcattgt atgttcaaaa ggccactcta gatgactgga agtctatcta 56904043
tccagccaaa caagataagc ctgcccatta actcaggaag cattattatt 56904093
aatatgttct gtgcacctag acttttcatt gtgtacaaga tgccaagagt 56904143
ttcaccagaa cccccaccc ccaggatttg ctctctgacc cagtagttct 56904193
gtgcctcctc ccaggacagc agtgggctca gcatggtctt ctttgtcatc 56904243
agcttcaggc acaggcgttt tcaggaaaca atcaccttgc tccacactca 56904293
gagttttggt catggtgcac ccccatgac tcccttgtcc ctgtgctcag 56904343
taaaccgctt tttaaaaacg aaaatgaaaa acacagaaac agcacaggta 56904393
gaaaatacca tcatatgttt tcaactgaagg caaaaaaaga aactaaaaaa 56904443
tgtgcattgg ccatgctatt tgaatcaaag agcacaagaa gcatcagcac 56904493

atctcagctt aagtcaagag tatggaaacc tcaactgacat cgtctcttta 56904543
cgtgattagt ctcatTTTTTg gtaatagggg tgctTTTTtTat ttcagatttc 56904593
cagtagcttc acacatcaac tttctgagac agagttagac atcagcactg 56904643
ggtgaaagag acagtttaaa ttagttcttt ggtgtcggca ggtggtttag 56904693
aaagttgggg ttttcttgtc tttgttcacc cctgggcctg acattataat 56904743
gaagagaatc acatggccta agatgaagag aatctcctca tttggtttag 56904793
aaccaaaaga ttttatcggT ttcccaagct ctgtgagtaa tgtctctggg 56904843
cccagagctg tgatagagag ggagaggagc tgaggcctga ccctgtatcc 56904893
cctgcctcca agccatgagg cccacagggT cctgacctaa gttgcaggaa 56904943
aaacaagctc aagccatgtg ttccaaacag ttgatgggct aggaattctt 56904993
ccaagggtgtt tggagaacct tcctcacctg ccctttccct caccccagct 56905043
ccatatggag cctcctcctc cctgcctggg ctcccttatgc tggccctgca 56905093
catcttactc cttctTTTTgt taagctgagt tgcatctgga cttcctcccc 56905143
aaccattatg atggtaacag tctacctgtg aggttgctca aaggcaacgt 56905193
gttgagacta agattttgtt gcaatcctaa aatagcttaa gctttcaagc 56905243
ctatgatcta gtgctctgct tctcaaactc taagctctgg aggctgggaa 56905293
gtccaagatc aaggcgccag tagatacagt gcctggcgag gtacttcttt 56905343
ctgtgtcctc acatggaaga aggtggaagg gcacaaaaag ggtcaaactc 56905393
tctgtgaagc ctatTTTata agggccttaa tccaattcat gagggaggat 56905443
ctctcatgac ccaatcacct cctaaaggcc ccccctctta atacgattgc 56905493
attggagatt aagtttcaac atgaatttgg agggacacat tcagaccata 56905543
gcatcatgca tttgcagtgg gggtaagatt gcccccaagg gagcaaaaat 56905593
tgatccctta ggggtgataa aaatcttaga tattacaata gtttgtggcc 56905643
ctccaaagtt catacctacc taatacaacc ttctttcctc atgtttaatt 56905693
tctcctgtta aggatgcctt aactttaaat ttttaatttta attcagtaat 56905743
tcttcctgga ggaataataa tgaaaaaaaa gtttgagaaa caatgttcta 56905793
gacagagaca acctaaacaa agttttgcat gtacttcctg aaatgggaac 56905843
cagaacttgg cctggggaga gcttgtgatt ccctttctga ggggtgaaat 56905893

ttgtacttaa caacaatgag aggaaacctc agaagtctct ttttatcttc 56905943
tcagagaaga agtactctct caatgaaatc tttgggttcc agaagcattt 56905993
agttatgagt actgagctct cttggtactg agctctcttg tgggtctgac 56906043
attctggagt gtgggtgtag aatcgtggac tttgaggtca gacacgcctg 56906093
gtgtaaatgg gagcattccc cttcactctg cagctttcaa ctggttcttt 56906143
aatttctcaa agcctcattt gcatctgtac aatggaagta aaacctacct 56906193
ggtcaatttg ctattaagat gaaacatgaa ttgagtgtaa aggatgtgaa 56906243
gcagtgtttg gtgtatagta ggtgttcaat tagtgggtggg gaaatggtgg 56906293
ttattaatat ccatctacct acccacctac ctatcatcat catcttagta 56906343
aaatgtctgt gggcacaaaa caacacaaca atcttctgaa tcaaacacat 56906393
cctcttctca tcaagcttga ccaactccat gtaactcca cagaagtcaa 56906443
gctttccaag ctgctggaac aataggaagt gggagtcctt ggggacagct 56906493
gagccttggg ttatgtattt atgtgacagc tctttctgta gtgctgaacg 56906543
ctacatggcc ctggaagagg aagaaggtat tccatgaaaa gttgacacta 56906593
cattcaatca gccaaaggag tctctgattt cttcctgctg tttgaaatag 56906643
agctggattt acttagccgt agtaaataga ccaccttcaa caacaacaaa 56906693
ttaaggtttt aaaaaaata aaccaagaaa gaacaataca caaagaccag 56906743
ggaaagaata aagagaatga attaatTTta tataaaggga gaggtgtgat 56906793
atztatcatc tgaaaagcaa gtcatatctg agagctttta ttttgctccc 56906843
atattcatta tttattcaac ttggctaata ctggttgttc taatcctgtc 56906893
ttggtgaacg ctttaattac tgtttggaat ctgagctcct taaagcactc 56906943
tggcatggaa aagaaggcca aaatacacta ggtttggtgc aagtctgtta 56906993
ttatTTtctga gaatcatttt tttaaatgca ctcagattta tgcaaatgcg 56907043
ggatgtgggt aggtgtgaca aatgccttac taacaagtcc ctggagtgc 56907093
ttttgtaatg agttgatcat cacgtgtgtc cttgctgctg tgtgggaggc 56907143
tgggtccctg ccatcatgcc cacctgtgtg gccgatcaac agcgttggga 56907193
gaggggcagc acaggttcct ggttgctatt gtcaactgtg gtttcaggcc 56907243
caatttggga cttcagccag ctttggcttc tttgggttct tggcccagtt 56907293

tatatataat tattggaatg ttaggtagat aagtgtctaa gagctaagaa 56907343
tttttaaagg ctgcactacc atggagtgga gccgggaggc tgggacagag 56907393
tcagctatga ccgctcaatt gctgctgtct catctgggct cctgtaacca 56907443
actctggctct gtttgagcca ggcacgtggt ttctatcgcc aaaagcctac 56907493
tgtgttataa tcgtacactc ctttctttca cacatgctca gcctgatctt 56907543
cgctctccac ttttccagt tttactggct ttttctaaca agtcttggtg 56907593
aacttgggtt accagcagac aaaaggaaac agaggcaggg ctctctctc 56907643
ccagccgcca ccaaaattgc caccctgtg catctgtttc agtagtgccc 56907693
actctagaag gagctatcct gaacttcctg acgccctcac catgccactg 56907743
cctgctgttt ctgggcagca gaggcttctt agagaaagtc agactcagga 56907793
gctctgcctt cacctgggta tcaccactgc ccaccttctg ttgacttccc 56907843
atcaaggctg tttgaatctt ttccagggtc aggtaaaagc tgtgcatctc 56907893
cccagtgctc agggtttgtg acagttggga gaaaggcagg ggacacgaag 56907943
tcaactgctc ccaaactgc cctgtccttt tcctactgtc cgtctgggtt 56907993
ctgctccact cagcctctgt cccacttctc aagtccctca tgaaatgaag 56908043
cctcctgctg tgcttagtgc tgtgctgtgc tcagtgtggt gatgggttca 56908093
tgttctctgca gaaattgtgg acaggtagtc aggtgaggag cagggagcac 56908143
tggggatgca tgcacacctg gcaggagagg gtatgccagg catggcttcc 56908193
gggagaagta aatctcagc tgagacaggc aaactgcata ggtcgggtga 56908243
aaggggcagg gagggaatga gcgttcaca cagaggcagg ggggtgtagaa 56908293
gcacaaagga gggggtcgtg gtgaggaggt ggagggtga gccggggccg 56908343
ggtcatacgg ggccttggca gcagtgcaaa ggagcttggga ccacattctt 56908393
tgtttccact cggaagtga atactggact gaatagtctt tgagactgat 56908443
gtaggccaca ctgattattt tacttgagat ttttgtgacc atgagaatat 56908493
catctgcaa atccctgtag tagtgggcta acaagatagt attctggtca 56908543
tgtgaaaacc ccagccatt tcccaaagga cttactttgt ctctgataag 56908593
aggtttggtg acaagtttga aggctccaat gtatacaagt gagaatagaa 56908643
aagatatttt cagccctaga ggtgtttatc aactggctaa catgacacca 56908693

ctgagagcat taaacagcat aaaaataatg acaaagctgt gatcagcagc 56908743
tgcagatggg ttttgtacac attgaccatc tagggtgagt aaaggggagt 56908793
tcaggggaagg cccacggggc agaaggtgag gccagggatt ggcctagagg 56908843
ggaagcaaag gcagacccaa taccaaggag ctaatctttt gctaagcaac 56908893
gtggctctgga actggcggcc tgaagtgcctt gattaccagg gatactgttg 56908943
cagatgactg gggaaagtca gatcctccaa gccgagccac ctgcaattca 56908993
aggtagaatc tggcagaata cattcattcc tgtgtgaaaa attcgaatca 56909043
gagttttctc taactgctta ccagataaac tactacttgg ctttctttac 56909093
ttcttgccct ttttcttgct tcttacttcc ctcccttccct cctctctcct 56909143
tgtttccttc cttccttcat ttccttgttc cttccttctt tccttgcttg 56909193
ctttcttcca tccttccttc cctccttccct ttcctttctt ccttccttct 56909243
ccttaacttt ataatttggg aatgtcttcc ttaaaaacct gactttggaa 56909293
cgatactaca ctttctattc agcaacgagt agtagttttg cctccctatg 56909343
ttattgttgt gtttaaacc tggattcttt cctgctgtca tactttgtca 56909393
tgagagtgaa tcttgccggg cgtgggtggct catgcctgta atttcagcac 56909443
ttggggaggc tgaggtgagt ggatcacctg aggccaggaa tttgagacca 56909493
gcctgatgaa accccatctc tactaaaaat acaaaaacta gcatggtgaa 56909543
accccgctct tactaaaaat acaaaaattc gccaggcatg gtggtgcgtg 56909593
cctgtaatcc cagctactcg ggaggctgag gaaggagaat cacttgaacc 56909643
taggaggcgg gaggttgag tgagctgaga tcatgctact gcactccagc 56909693
ctgggggaga cagtgagact gtctcaaaaa aaaaaaaaaa agagtgaatc 56909743
tttgtgattg tcctggaggg aatgtgcaga gagaacttgg agagccagtt 56909793
ccatgggctg ttgattaacc tgacagaaac gacatcctgt tcttgatacc 56909843
ttaataattt atttgtatta gcatgtcact ttctccaact ctattttcat 56909893
agttggttca ggctgccata ataaaattcc atagactggg tggcttaaac 56909943
gagagacatt tatttcccac agtttagggg caaggaaagc cctggcaggt 56909993
ttcatgtctg atgaggggcc atttcctggt tcatagatgg caccatatag 56910043
ctgtgtcctc acgtggtgga aggggcaagg cagctctctg gggctctctt 56910093

tacaaggga ctaatcccat tcgtgagggc tccaccgtcc tgatctaadc 56910143
acctgcccaag gccctgcctc ctaatactat tgcctcgggg ttcaggattg 56910193
caacatttga actttggggg agggggcggg gaatgggaca caaacattca 56910243
gaccatagca tctgttttct gatttgagaa actggcataa taacatctat 56910293
gtatctacat ggatgaattt agcagggtct tgaaaagatt cttcacacat 56910343
tagaaaatgt taagacatgg ccaggcgcgg tggctcacgc ctgtaatccc 56910393
agcactttgg gaggccaagg cgggcggatc acgaggtcag gagatcgaga 56910443
ccatcctggc taacatggtg aaaccccgtc tctactaaaa atacaaaaaa 56910493
ttagccgggc atggtggtgg gtgcctgtag tcccagctac tcgggaggct 56910543
gaggcaggag aatggtgtga acccaggagg tggagcttgc agtgagccaa 56910593
gatagcgcca ctgcactccg gcctgggtga aagagcgaga ctccgtctca 56910643
agaaaaaaaa agaaaatggt aagacatggt cctttttttt tttttaagat 56910693
gaccattggt ggagatttgg cagagggtgg tcagttattt tagaaagggc 56910743
tcaaattggt attgccatta cccactgtct ttaaaagctg aatgatcaaa 56910793
atagtataca tgaaaagatt tcaggaattc ataagttttc cggttttcct 56910843
tgatggcact ttccagtcac ctaccctaca tatgaaaatg ggagcctatt 56910893
tctgttttca gATTGCAGAG GGAATGGCAT ACATCGAGCG GAAGAACTAC 56910943
ATTCACCGGG ACCTGCAGC AGCTAATGTT CTGGTCTCCG AGTCACTCAT 56910993
GTGCAAAATT GCAGATTTTG GCCTTGCTAG AGTAAATGAA GATAATGAGT 56911043
ACACAGCAAG GGAAGgtatg ttgcactaat gatcctttaga tgttttatta 56911093
ttgtgtttta ttttgttttt gtctgttttt gacaaagcaa ttacaatagt 56911143
caccattaag aaaaacttat ttggtacaac atttaagctg taccataatt 56911193
gtctgcttat ggttctattc taatagtttc tagaaggtag tctcttgatt 56911243
aactccacat gatacttttg ttaggcttac aatgctatc agttgtattt 56911293
caattaagca atgcaaaaca caaatagatt cagcaagatg attcctgttt 56911343
atthttgtatt gttaaagttt tcaactcaaac aatgaatata atatacgggg 56911393
ctgtggagaa aatatttgta acattaattc tatattgttt attccagcct 56911443
tttaattaca aattaaaca tgaacattac catacacaca gaactaaata 56911493

taatgcaaaa aatctacttc tttatnttcc cacattctgt attatatata 56911543
tgaacccaaa atgcacagag aggcctaagt tccccagcct gtggcacatt 56911593
gtcagggggc caagcatggt cgggactgca gggcctttct tgggctagga 56911643
ttgccacgt ggttatgact gaggattctt atgctctcac ccacgagagc 56911693
tgagcaaata tttttgcagt gctcactgtc ttctggaaga gacaagcact 56911743
ttcttgaaat tcctaagcat tgttgaacaa ggattattat tattttatta 56911793
ttttgaacct gggaggtgaa ggttgcagtg agccgagatc gcatcattac 56911843
attccagcct gggtgacaag agtgaaactc cgcctcaaaa aaagaaaaga 56911893
aaagaaagta tggggtcaca tgttcatgac ttttttgttt aagtttaaat 56911943
accaagtaa gaaccacata tcttcttctt tagGTGCTAA GTTCCCTATT 56911993
AAGTGGACGG CTCCAGAAGC AATCAACTTT GGATGTTTCA CTATTAAGTC 56912043
TGATGTGTGG TCCTTTGGAA TCCTCCTATA CGAAATTGTC ACCTATGGGA 56912093
AAATTCCTA CCCAGgtatg gtttacttag ctatttacia tcaagctgta 56912143
taaagagaa aaagtcaggt tgcatgaagg cattaanaag taataattac 56912193
ttcatctacc cgatagcaaa gaataagtgc tttgagccag aacttgattt 56912243
tcacgggctg ggcaggtgg ctcacgcctg taatcccagc actttgggag 56912293
gccgaggcag gtggatcacc tgaggtcggg agttggagac cagactgacc 56912343
aacatggaga aaccccgctc ctactaaaat tacaaaatta gccaggcatg 56912393
gtgacgcatg cctgtaatcc cagctactcg ggaggctgag acaggagaat 56912443
tgcttgaacc cgggaggtgg aggttgcaat gagctgagat cgcgccattc 56912493
cactccagcc tacacgacag agtgagactc catctcgaag caaaaaaag 56912543
acttgatttt tattttcact atcttttagca taaattgttc taagagtgtc 56912593
tagacacttc tttgcctcct tattttgagt gtgtgttctt gttctgcact 56912643
gattaattcc accacatact agaatgttcc gggcatggtt gttggtgtcg 56912693
agatgaggat ggatagacac aggggctcct ccaaggcagt ccccctgact 56912743
ggaaggagga aaccacatg gagacaagga tttccgatgc ttggtttgt 56912793
aataagtgcc ctggagtctc tctctctca agaaataacc acctttgttt 56912843
atcagtggga ggccttctg ctctttaaca tactggtatc agtgaggca 56912893

tcattcagta tttatttcca gattcctaac acctgaagcc tgacagacca 56912943
gattctgacc atccctccat ttttccatgg tctgtgctgg catggttaag 56912993
aagaggggatt tcggccagggt gcagtggctt acacctgtaa tcccagcact 56913043
ttggggaggct gaggtgggtg aatcacgagg tcaggagttc gagaccagcc 56913093
tggccaacat ggtgaaaccc cgtcattact aaaaatacaa aaaattagct 56913143
gggcgtagtg gtgggcatct gtaatccac ctacttggga ggctgaggca 56913193
ggagaatcac ttcaacctgg gaagcacagg ttgcagtgg ccgagactgc 56913243
accctgcac tctagccatg gcgacagagt gagactctgt ctcaaaaaaa 56913293
aaaaaaaaaa aaaaaaaaaa agaggggattt ctcccagagc cttcatattt 56913343
tcatttatgt ttgactatta acaaaatatt tgcatgaggg gaatttaaaa 56913393
ttaaatTTTT aatgtttaa tctttctctt attcaaaaaa tatttgagta 56913443
tgctaggcac tctcagctgc taggatgcca tggatctgc ccatgtcctt 56913493
gagagtgaat attgtagtgg ggagagactg atgtttatca aacacacagc 56913543
catcctgtag ggtggtgaga gtagtgtgga gcctgcgtgg agtggcttag 56913593
ggattggcga gtactcacag aagggggtgg ggagctgctg gttttattcc 56913643
atggctcctgg cagcagcagg gactcacaga gggagggagt cttgggctct 56913693
ctgaggtctg catgtcccca tggggagagc agccagagca tgggcttggc 56913743
caacaggagc aggaggccag cgtggtttgg gcctctgtga gtatttgatg 56913793
gatggatggg tgaatgaatg aatgaatgaa tgacgcacct aggccatttg 56913843
atctctagac agtcgatgga tgagaaagaa ggctatgtag ctgggggtta 56913893
gagtggctca gggagagact tactggccat gtaagagcag cccctcttac 56913943
tctgctgaga tgcaaaccag ggaaggcttt tggacagagc agccacacag 56913993
tctgcgtgct cccatcacta ctgtttcatg tggggatgag ccacagagaa 56914043
actggggcag ggaccagttg gcagctgaaa gcctttgggt ggtgtctgcc 56914093
tgcacagtgg accggctgtc ccaggaaatc cctttagtgc cagcatttca 56914143
tcttcagct gctctagaca ctgagattaa tgaattaaca ttgctgcaaa 56914193
ataggaaaaa tatttctaata cagccccagt gtctgatggt atatatctct 56914243
atctccatct atgcctacat ctctttctat aatctgtctg tagagaaaga 56914293

ttatatagtc agattatgta tataaatctga cacctgataa acataacaatc 56914343
tcataaaaaga atgttttgtg atatgctggtg tgtgctgcat gtgatgtgct 56914393
accatggccc ctgaggcttg gagaagggtga ttgggcccct cgctggtggc 56914443
aaagctgctc tgagccccag atccatgtgc ctccaagac ccctcagcca 56914493
atgtgcacaa tgcccaggat ttggaaatat ttggggtgaa aaatcatttt 56914543
ttgaaaaaag aactggctgg gcacggcagc tcacacgtgt aatcctagca 56914593
ctttgggagg ctgaggcagg tggatcacct gaggtcagga gttcgagacc 56914643
agcctggcca acatggcaaa accccatctc tactaaaaat ataaaaatta 56914693
ggctgggtgc agtggctcac acctgtaatc ccagcacttt gggaggccca 56914743
ctttgtgggc ggatcacaag gtcaggagat caagaccatc ctggctaata 56914793
tggtgaaacc ccatctctac taaaaataaa aacaattagc caggcgtggt 56914843
ggcaggcgcc tgtagtccca gctactcggg aggctggggc aggagaatgg 56914893
catgaacctg ggaggcggag cttgcagtga gctgagatcg cgccactgca 56914943
atccagcctg ggtgacagag cgagactcca tcttaaaaaa ataaaaaaaa 56914993
aaagaataaa ataaaaataaa aataaaaagt agccagggtg ggtggtgcac 56915043
gcctgtaatc cggaggctga ggaaggagaa tcgcttgaac ccaggaggta 56915093
gaggttgcag tgagccaaga ttgcaccact gcagtctagc ctgagcgaca 56915143
ggaaggagac tccatctcaa aaattaaatt aaattaaatt aaattaaatt 56915193
aaattaaatt aaattaaaaa ataaaaagag aaccagtaga aaaatggtga 56915243
gaatcataaa aatatgtttc tctctatatg gaagaacaca ccagaatcca 56915293
tcgactagtc tgttccctga ttggcttgtc cctggaagga ctggggatgt 56915343
gagatatctt caggagatcg ggatcagtaa attttttagt cacgagagtt 56915393
gtatgttacg agagcctcta gcattaggtt tataaacata atcaagcaat 56915443
cctatttact tcacatgaga agacttgatt catagcacag aaatcggtaa 56915493
acattgcca aatatgccat tttccacacg gttataaaac tgcatatggg 56915543
agagaatcca cgatgaatgg aattatctga aagtactttc tttacgcagt 56915593
aaactgctgg ctatgttttt gttttttgtt tttttttttt tttgagacag 56915643
aatctcgctc tgttgcccag gctggagtgc agtggcgtga tctcggctca 56915693

ctgctagccc cacctcccgg gttcacgccg ttctcttgcc tcagcctccc 56915743
aagtagctgg gactacaggt gcccgccacc acgcccagct aatttttttt 56915793
ttatttttac tagagacagg gttttgccgt gttagccaga atggctctcga 56915843
tctcctgacc ttgggatcct cccgccttgg cctgccaaag tgcttggatt 56915893
acaggcacga gccacctcac tcgacctgtg ttgttcgttt ttaaagtact 56915943
ttagaagcta tacaggccag gtgtggtggc tcatgcctgt aatcccaact 56915993
tgggtggatc acttgaggcc aggagtctga gaccagcctg gacaacatgg 56916043
ccaaaccctg tctctacaaa aaatacaaaa aaaattagcc cggcgtggtg 56916093
gccaacgcct gtaatcctag ctacttgaga ggctgaggca gagaatcgct 56916143
tgaatgcttg aaccagggag acagaagttg cagtgagccg agatgcgcca 56916193
ctgcactcca gcctgagcta caaagcgaga ctctgtctca aaaaaaaaaa 56916243
aagaagaagt catatcatat acttagcttt gtaaaataaa aaggaaataa 56916293
aagaaaggag gaaaaagaaa aaagaaagtc acatataagg caaactcatt 56916343
tttagaggag atagaaatac taagataata tactgaaatg ttagcattgg 56916393
gtcaagagat aataggttat attaattttc ttcttgatga atttctgaaa 56916443
tttctaattt ttttacaatg atattgttat taaatatttt attctttttt 56916493
tttttttttt tttttgagat ggagtttcac tcttgttgcc caggctggag 56916543
tgcaatggcg ccatctcacc tcaactgcaac ctccctcttc tgagttcaag 56916593
cgattctcct gcctcacct ccctagtagc tgggattaca ggcatgtgcc 56916643
accatgcca gctaattttg tatttttagt agagatgggg tttctccatg 56916693
ttggtcaggc tgatcttgaa ctcccacct caggtgatct gcctgctttg 56916743
gcctcccaaa gtgctgggat tacagggtgtg agtcaccgca cccggcctaa 56916793
atattttatt cttatctaag taatatatgc acattaaaaa agtagtacag 56916843
aaagacttcc tttttttttt tttttttgag acagagtctc gctccgtcac 56916893
ccaggctaga gtgcagtggg gtgatatcgg ctcaactgcaa cctccacctc 56916943
ccaggttcaa gcaatgctcc tgcctcagcc tcctgagttg ctgggactac 56916993
aggtgtgcac cacaatgcc agctaatttt tgtattttta gtagagacgg 56917043
ggtttcacca tgttggccag gctggtcttg aactcctgac ctcaggtgat 56917093

ccaccacact cagcctccca aagtgcaggg attacaggca tgagccaccg 56917143
tgtgcagcca caaaaagact tccaatgaaa aattcccccatt gcctgcgggt 56917193
gctcctcaaa gtaatctact tttgggaatt ttgattcctt attctagcgt 56917243
ttgctgcata tagttctaaa tattctactc ataactttta tctcttaatt 56917293
aagttttttc cacttattat tagataagga tatggccaca tacttttatt 56917343
tttcatttat ttatttattt gacagggctt tgctctgtca cctgggctgg 56917393
agtgcagtag catgatcata gctcactgta gcctttaatt cctgggctca 56917443
agtgatcctc tcgcctcagc ctctctgagta gctaggacta caggcgcgatg 56917493
ccaccacacc cagctaattt ataaattttt tgtagagaca gggctctcact 56917543
atgttgccca ggctggtttc taactcctgg gtcaactgat cctccctcct 56917593
caacctccca aagtgcaggga attataggtg tgagccacca cgcccggcca 56917643
gccacatggt gttaaattca agagatacaa agaggtgtaa gctgaaaggt 56917693
ccccactct attcccagcc acacaattct ctccccatag gcaaccagtg 56917743
ttctcagtct ctactttaga gacatcctat aaggggagtc atacagtttt 56917793
gccctaattg ctggtttatt tcactcagca taaccctcaa ggtccatgca 56917843
tgggtgtggcc catgtcttca gtctttcttc tcactcctgg tcttccatac 56917893
cacactttcc ccacctccac ttgggcctag cattccctgc atgaagcttc 56917943
tccattgttt cttccagcat ttgcctgggc actggtacta tgggctccag 56917993
gtactgtcct gccctcggcg ctggcctccc tccctcatgg tatatgctga 56918043
ccacacagtg tgtgccttcc tgggctgagt tgggatgggc cgccttgccc 56918093
gttgtcagtg ccctctctg caggcacgtt ggttgactt tcttcctctt 56918143
ggctcagacc acttcttctt ctggctgcca gatgtctctt agcatcatca 56918193
gagatggagt ttaagtttct atttcttgtt ctcttttttg ttttgggatg 56918243
aattacagaa aaaagaaaat agtgaggagg aggcaaaaga tctttacttc 56918293
attatcttaa aaccaaaact atgattatat ttctctatca attttataca 56918343
gaaaaaaaga ggggtctgac tgggcatggt agctcatgcc tgtaatcca 56918393
gcactttggg aggccgaggc aggtggattg cttgaggcca ggaatttgag 56918443
accagcctgg gcaacatagc aaaaccctgc ctctacaaaa taatttaaaa 56918493

attaccagag tatggtggta cgcacctgta gtctcagcaa ctcaggaggc 56918543
taaggtggga ggatcaccga gcccaggag tttgaggctg cagtgagcca 56918593
tgattgcgcc atgtactcca gcctgggcaa cagagtgaga ccctgtctca 56918643
aaaaaaagggt ggggggtgtct tgttggggctc ctgggtgggg tcttgttttg 56918693
ctttgtttat ataaagcaaa aggtttgaaa gtgaaaaaat tttctgaagc 56918743
atcatgactt ttctggctgt ttctgaccag atatatctaa catcttaatg 56918793
ccagctgaat tagaatcaag aaatttgtcc tgctgcaaac aaacactcac 56918843
cttggtcaca agcaaagctc agaaaataat aatagtaata ataatttggc 56918893
cttttggaag gagtatgatt ggggtgggaga ctgtactccc agggatctca 56918943
gctcttcctg atacacatac acacaaaggg ccctgtgtga ctgaagactg 56918993
tcatagtttg tggtagagct gtgctcctcc ctgtcactag ctatctgttc 56919043
cttttctcta ctgtaccaca tttttctcct tcttctgctt ctttaccac 56919093
ttgtagtctc tgctgatttc taccactcc agatgccacc ttctgctccc 56919143
caccacctcc ttctggtgag ggcattgtcc tgactgggct gtgtgccatt 56919193
tgaggatgat gctctgtctt aactatctct gcatgtctca gagctcagtg 56919243
ctagttcatg acccatagtg agcactcagt gtttgttgaa aggaggaagg 56919293
atggaaagtg aaactgtgtg ctttctaagc agatcaccag ctaatgggtg 56919343
tttactttct ttaacttagc gacaggccaa caccaactat cacatgtaat 56919393
cttagggctc ggttgaggtc cctctcctct tcttatttct ttctttcaca 56919443
agacttgca ttaatagcg gattttattt attgctttcc ttgtacataa 56919493
aaagataggc ttcagattcc cttcttccaa ttcttcttat caagtcgaat 56919543
tccccaaaca ggggtggagca tgtccagcct ttaccagcat catcgagagt 56919593
ccttcagagc taggagaaca tactggaacc aggaaaaaaaa aatctgctgt 56919643
ggggctaggg tgacctagaa agctttatct tccactgtgg ctgcattctg 56919693
accttttatg caaatgaggg atctccagga aggaagttaa agagatattc 56919743
caaactgagt gtgcaggctc aattgctatt tatatcatac tggatgtag 56919793
tcctcccacc acgatcccag aatttcaccc aagaaagcag aagtatacac 56919843
aaatctttct tctgaaattt atccaagtta taagagccag agcaatgctg 56919893

aggccatatc attttgtgga gactaaaact cccaaataaa gaggatgata 56919943
caaactctgtc tttcgccttta agcaatgaaa atcaaataaa gtatttttagt 56919993
tagaaaattc tagtcacaca aatatttgaa gatagtgttt cagaattaga 56920043
ctcaggaaaa tggatttgct gtataaattc tcaagagatc tgaatcatta 56920093
taaagtttgc ttagatcttt caatttcaaa aacaagggct cttccacgac 56920143
agaaatgatc atgtcttctt tcagcgggtt aaattcagga aaggtcactg 56920193
tgtccttaga tgaaaaaagg taagttaaag gcagaggatc tcaaagtta 56920243
ttggccataa gccattgtgg gaaatacata gaaacctact ctgtacataa 56920293
agcaaacgtt tcataaaacc atattgacct ttcctatgtg cagtgccttc 56920343
tgaccttttc tgttttattc tgttataatt cattttaaaa aatactggta 56920393
attggctgga tgcagtggct cccgctttta atccagcact ttgggaggcc 56920443
gagacaggca gacgacttca ggtcaggagt ttgagaccag cctggccaac 56920493
atggtgaaac cccgtctcta ctaaaaatac aaaaattagc cgggcatggt 56920543
agtgggcacc tgtaatcca gctacttggg aggctgaggc aggagaatcg 56920593
cttgaacctg ggaggcggag gttgcagtga gccaagatcg ctccactgca 56920643
ctccagccta ggtgaaagag ggagactctg cctcaaaaaa aaaataaaat 56920693
aaaataaaat aaaataaaat actggtagta ctctaaaaaa gtcaatttgt 56920743
tgatcccaaa ttgttgatcc caaatgcgga tagtgccccg caatttgaaa 56920793
aacactgatt agaaaataca ttcaaaagaa ggttctgttt caaatctggt 56920843
aaaaagccat ttcccctgaa gctgccactt atttagaatc cttccagtga 56920893
ccagtgatgg tataatctac agctttgaaa aagagatagc tatggaaagg 56920943
aaattcgttg tgaggaatgg agcccctctc atatgccaga tattgtatat 56920993
actttgcatg acatacattc ttctctagag aagttcacat cctacagaac 56921043
agggtatcca tgaaatatgc aaaacataca ggtgtggata gatactgcta 56921093
gatgagcaca taattgaagg attaatctcc tttatcatgc aggaaaatgt 56921143
tattattata atgatctttt ttacccttta aagctattct caggatcaaa 56921193
gattgacagt tcagcttctg aattaccctg agacatttga ccacattaaa 56921243
aacattctct attaccaggc cttttgcaga gctctagagg agtaatgagc 56921293

accttacttc tctcctggag gtcaggaata tgcaaatcca gagtcagagt 56921343
gagctgtcac tctggccagg tactgcagat tggaacagtt aactgctct 56921393
gtgaagtagc tccacttgag actatgattg gggttcagtt ttcctcctca 56921443
attaatatct tgctcttaaa agacagtgac atccacaaga tatgtagcac 56921493
aaactacaga caagtgtcct tcagattaac tgaacatca ttattttcca 56921543
aattaatccc taagttttta actatttggc aagcatgtaa ccaatttgtt 56921593
gggctgactt aagggtgctg actttaaagta aatgaaaata ccaattatta 56921643
aatgaaaagc caatttttga aaaatgtccg tataagataa tatgtggtaa 56921693
aattatTTTT ttcataaata tactacaagt tgaagctgaa agcatgctac 56921743
cctgcaaaca taattaaagt tgagagttag gattagattt gggtgattta 56921793
tttgaaatgt gaggcaagtc caatatcctt ttgttattaa agagaacttg 56921843
gctgtggctc ctacttaaca aattttggca aactgaatgc tgtcttgatc 56921893
ccctccatgc taaatttatt tattgagttg cttgcagaaa ttccttagc 56921943
ttctatatta gttggcaagg gctgccataa caatacaaca cactgggtaa 56921993
tttaaacaac agacgtttat ttttccgggg ttctggagtt tcaaagtcca 56922043
aggtcaaggt gctagccagg ttgatttctc ctgaggcctc tctcctggac 56922093
ttgtagatgg ctgcctctc cctgtgtctt cacatggtct tccccata 56922143
ctagtctgtg ttctaactc ctcttataag gatactagtc atattggatt 56922193
aagacctacc caaatggcct cattttaact tagttacctc tataaaggcc 56922243
ttatctctaa atatggtgct gtcaattctg aggtgtacgc ggggttagga 56922293
cttcaaccta ggaattttgg gaggatgctg ttcaaccctc aacagcctca 56922343
gtaaagcttg tttcaatcat ggttacagga tgtgaggagc aaaaagacca 56922393
ctgcagtgct tgaccctctg ccaggtttct aaacggcatg ggtttctgtt 56922443
ctttttgttt ttttccacc tagGGAGAAC TAATGCCGAC GTGATGACCG 56922493
CCCTGTCCCA GGGCTACAGG ATGCCCGTG TGGAGAACTG CCCAGATGAG 56922543
CTCTATGACA TTATGAAAAT GTGCTGGAAA GAAAAGGCAG AAGAGAGACC 56922593
AACGTTTGAC TACTTACAGA GCGTCCTGGA TGATTTCTAC ACAGCCACGG 56922643
AAGGGCAATA CCAGCAGCAG CCTTAGAGCA CAGGGAGACC CGTCCATTG 56922693 Q507* Y508H Y508F Y508*

GCAGGGGTGG CTGCCCTCATT TAGAGAGGAA AAGTAACCAT CACTGGTTGC 56922743
ACTTATGATT TCATGTGCGG GGATCATCTG CCGTGCCCTGG ATCCTGAAAT 56922793
AGAGGCTAAA TTACTCAGGA AGAACACCCCT CTAAATGGGA AAGTATTCTG 56922843
TACTCTTAGA TGGATTCTCC ACTCAGTTGC AACTTGGACT TGTCCTCAGC 56922893
AGCTGGTAAT CTTGCTCTGC TTGACAACAT CTGAGTGCAG CCGTTTGAGA 56922943
AGAAAACATC TATTCTCTCC AAAAATGCAC CCAACTAGCT CTATGTTTAC 56922993
AAATGGACAT AGGACTCAA GTTTCAGAGA CCATTGCAAT GAATCCCCAA 56923043
TAATTGCAGA ACTAAACTCA TTTATAAAGC TAAAATAACC GGATATATAC 56923093
ATAGCATGAC ATTTCTTTGT GCTTTGGCTT ACTTGTTTAA AAAAAAAAAA 56923143
AAACTAATCC AACCTGTTAG ATTTTGCAGG TGAAGTCAGC AGCTTAAAAA 56923193
TGTCTTTCCC AGATTTCAAT GATTTTTTTC CCCCTACCTC CCAAAATCTG 56923243
AGACTGTTAA AACATTTTTT TTCTATGAAC ACTGCTCAGA CCTGCTAGAC 56923293
ATGCCATAGG AGTGGCGTGC ACATCTCTCT CTCTTCCAGC AGGAGGAGCC 56923343
CGTGAGCACG CACAGCTGCC CTGTCTGCTC ACCCGAAGGC ACCGGGCTCA 56923393
CCTGGACCTC CCAGGAAAGG GAGAAGAGCC TCAGAAACTG CTCTGTGTTT 56923443
AGAAGGAATA TTTTTAAGAG TCCAGCTTTT TCATTTCCAC AATTTCCAT 56923493
ATCCAGATTT GTTTTGACAA TGTAGTTTGG AAGAACTAAG ATTCTAATCT 56923543
CTGAAGAACC TTATAGGGCC TTCTAAAACA TAAGAGTTTC CTTTGTGCT 56923593
TCAAATATTT GAACATTATG TTAAAGATCA AGTATTAATT TTAGTTGTAC 56923643
TCTAGAAAGC TAAAGTGCCA CATTGCGGGC TATTTTTATG ATTCAGCAAT 56923693
CTTTTCTAAA TTGTGTAGCA TGTGTATGAG ACTATTTATA CCCAAGGATA 56923743
TGAAGGAACA TAAGTACTA CAAGGCTCTA ATAAGCCACG GTGGCAGGAG 56923793
GTTCAAGCGG TTCTGTTTAC TAAATTTTTT TCCTGTAAGC TTTGAATGGA 56923843
AACTTCTGTA TCACATGATG TGTTTCACTT ATGCTGTTGT GTATATACCT 56923893
AATATTTCTA TTTTTGATTT TATTTTAATA CACCTCGTCC AATAACATCT 56923943
CAAGCTTTTT ATTTGCATTT ACATTTTCAG CTGTGGTCAG TGTAATAATT 56923993
GGTCATCAGC TGGGGCGGG GTGGTTAGAA GTGATTCAAC AGAGCTACAT 56924043
GCTTTAAACT TGCCCAAGTT CTACCTCCTT CTTTGAACA TTCAGATTG 56924093

GAGAACCAAG GAGTTGATTG CCTGAACACC TGAACATCCG TTTATGGGGG 56924143
CCAGATAGAA TTTGTTTTCA AATAGGCTTA ACAGGCATCA TTAAAATTC 56924193
ATTCTGTGTG TTTTGTTTAG GCTTGAGGTG CTTAGAAGAT GGGATAAAAT 56924243
ATTCTACTTT TTTCTAAATT TTAACTTTGT TTCCTATGTG ATTTTTTTAA 56924293
ATGTCCTTTC TAAAATATTC TAAAATTATT GATTCACAAG TGCCATGTTT 56924343
AGAACTATAG AATATTACTG TTACATAATG TCTGCACAGC TGGTCCCTTG 56924393
ATTCAGTGGT AAGGTTTTTG TGTACACCCC CCTGCCTTGA TTTTATTTCA 56924443
GAACCACAAG TATTACCCAA TATGTTACAT GGAGAGGAAC TATAAAGAAT 56924493
CCCTAAGGCA AAAAGAAGTC TCTAGAAAAT GACTAGAGGT TTTTTTTTTA 56924543
GCATAACAAA TTTATTTAAA GAAAATTATT AAATTTATCT TCGCCTTGTT 56924593
TTGCTTCTCC CAGTTCCTCC TCTTCTTGCC ATTTTCCACT TGTCTTTCCC 56924643
TCCCAATCAA GCCTGTGATC CTTACCTCCA TGTGGGCCCT TCACCAGCTT 56924693
GGGCCTCATC TCTGGTGTCC AGCATGTGTG GAAGTCACAC GTTCCCTTGA 56924743
TGAACAGCAC ACACAGTCTC CTTACTTAGC TATAGGTTTC CAGCCTCCCT 56924793
GTGACAGACA GGCATAATGA GGGGCTGAAT AGGTGTTTGT AGCATTTTCG 56924843
GGTATCCAGT GGTGTGCAAA ATGGCTCATG TCATCACACC TCAGGTTATT 56924893
GTAGAGAACT GGAAAGACAG AATCCATACT CCCTACCGCC AAGATTCTGA 56924943
CTTAGCTGTT GTGCAGCGGG AGATGTATGT CAGTCTATTT TAAAAGCTTC 56924993
TCCAGTCAGC TAGACACAGT GGCTCATGCC TGTAATCTCA GCACTTTGGG 56925043
AGGCTAAGGC AGGAGGATCG CTTGAGCTCA GGAGTTAGAC ACCAGCCTGA 56925093
GCAATATAGC AAGTCTCTAC AAAAAATTTT AAAAAATTAGC TAAGTGTGGT 56925143
GGCACATAAC TATGGTCCCA GCTACTCAGG AGGCTGAGGT GGGAGGATTG 56925193
CTTGAGCCCA GGAAGTCAAG GCTGCAGTGA GCTATGATCG TGCCACTGCA 56925243
CTCCAGCCTG GGCAAGAGTG AGACCCTGTC TCAAAAAAAAA AAACCAAAAA 56925293
AACAAAAAAAA CCCTTCCCTG GTGAATATAA TGTATGCTCA GTCTTGAGAG 56925343
TCACCATTTG GTTTGACCCA TATTACAAAG CCCAGCCTTC TTTTTCCTCA 56925393
GATGTTTTCA TTTCTCAAAG GGGAGTGGAA GAGAAGGAAG GAGGAAAAAA 56925443
ACGTGCCTTC CTTCTGGTG AACATGAAGC TCACTGAACC TAAAGGAGAC 56925493

TCACAGGCTA GAAACCAGTG TCCTTAGTAG TAGGGGCCAC CTGGGGCTTC 56925543
CGTGGCTTCT CCAGGCATAC CTCCTGAGGT TCCACAGAAT CCCCTTGCCAG 56925593
AAAGTACTTC TGATGAGCCA CTGGGAACGT GTACTGTCCA AGCCCCCTTC 56925643
TAGGGGAAAT TCACTGCCAC AGAAGCCAGC AGCCCTGGCT GTCCCAAGGG 56925693
TGCATAAAAG GATAATAACT AAAAGGAGGG AATTAATTTT GTTGCCTACA 56925743
CCAGGGATAG ATCGAGGGCA CTGAAAGCAT CATAAGTATA AACTCATCTC 56925793
CACGTCAGCT TGTGGAGTCT GCTTTCCTCGC TCTCTCTTTT TTTTTTTTTT 56925843
TTGACAGAGT CTCACTCTGT CACGCAGGCT AGAGTTGCAG TGGTGCATC 56925893
TCAGCTCATT GCAACCTCCC CCTCTCTGGT TGGAGCGATT CTTCTCCTGC 56925943
CTCAGCCTCC CTAGTAGCTG GAACTACAGG CACACACCAT CTCGCCTGGC 56925993
TAATTTTTGT ATTTTTAGTA GAGATGGGGT TTCACCATGT TAGCCAGGCT 56926043
GGTCTCGAAC TCCTGACCTC AGGCGATCCG CCTGCCTCGG CTTCCCAAAG 56926093
TGCTGGGATT ACAAGTGTGA GCCACTGTGC CCGGTCGGGG TCTGCTTTCT 56926143
CTTTATTCCC CGTCCCTCTCA CAACTACAT CCAGGGGCGG TAGCTGCTAA 56926193
AAGGACTCAA TTCTGCAACC TCAGCTTCTG ACACCTTCAA ATAAATTAAA 56926243
TGCTGGTCCCT AGGGCTCGCT CCCCAGCTCT TCTGATGTCA CTGCCAGGTT 56926293
CCACAGCCAG TTGTCCGACA TCTCCTGCTT CCTCAGCCAA GAACACCTCT 56926343
CAGATGAGAT CAAACCGCCC AGCTTTCCTC TTAGCATCTT CCTTTATTTT 56926393
CCACTTCTGG CTGGTGGAAG AGAGATCGTA GTTCTCTATT CCCTACATTT 56926443
TAACTCCACG AATATTTTAG ATTAAGTGAA GTCTTGCTGT TCTTCCTGAT 56926493
GGAAATGGTA ATTATAAACA TACAAAGATA CCCATACACA CATTCTTTAC 56926543
TCAGGGCCCT CTTGTGCTTT GGCAAATGAT AAAAATTATC TCTAACTCAC 56926593
ACAACGACCC TGGAAGATCT GGACAATGCT ATCACTATTT CACAGCTGAG 56926643
AGATCGGGAG CATTTAAAGC CACAGAAGGA ATAGATTGGC TTCGCTTCAT 56926693
ATTGTTTCCT TGTGAAATAA AACCAGTGAA ACACCtttgt gtagaatctc 56926743
cctgactcag ctgagtgttc tgagtaagca agggattac ttacaagatg 56926793
caccatttga gcccacacag atgggagggg aaatTTTTcc ttaagtaatt 56926843
ttatttgggt agaaaagtaa tgcaagaatt taacttacca ttcacacttt 56926893

taaagacaat ttgtagagac tacacttcag aataaaatgt tttggccagc 56926943
tacagtggct cacacctgta atcacaatac tttggagggg ctgaatcagg 56926993
acgatcactt gaggccagga gtttgagacc agccaggaca acattatgag 56927043
accctgtctc tacaaaaaaaa aaaattaagt ttcagtagca tttatgttcc 56927093
atrtcataac atgaatgta ctaaaactga taaaaatfff atcctgaaaa 56927143
gttttaactt gatagacgtg taagaggaaa gccttccaat ttaatttcct 56927193
gtgtgctgat aaatctatta aataactcaa gtcagagtgc caaaaagtgt 56927243
cacagaattc ccgagatggc cacagatatt cacagatcct gaatatttct 56927293
ctttaagggg gaaatgacag ggaatcctgg cggcctctat ctctaggtct 56927343
ttggaaggac tttagaaata atctagattg gccaatgttc aatgttaacg 56927393
cagaactfff agaaataaaa gaggccttaa tctacagccc caaaagtaga 56927443
taccatgtca cacagcaaga aaattatctg tgattfffff attattatta 56927493
ttattgtag acttacgctg ggctttgacg ataggtcctt tatcccttat 56927543
ctaccaccct tagggtcagg tatgtfffff atttcagggt ttttaaaaaa 56927593
agattagggc caagcacggt ggctcatgcc tgtaatccca gcacttcagg 56927643
aggccgaggc gagtgtatca cctaaggcca ggagttggag atcagcttgg 56927693
acaacatgat gaaaccccgct ctctatataa aatac

LYN (NC_000008.10, GRCh37) - gDNA - 2026-02-28

