

ORIGIN

Human Chromosome Region 2q13: Sub-Contig #AL078621 176,734 BP

1	gaattcttgt	tctgtatttta	gaaaccact	cacgttactt	gatatttggg	tatttaagtc
61	atgaaaggta	tttcttctag	gaagcagtga	ttctaaagtg	tatgcttaac	cagtcagttg
121	agtgtctact	cttgtgtgtt	cacaagtgtg	cacaaagtgt	ttggtaaatt	aagaatatta
181	tttcaaataa	attaatttca	tccccatagg	agccagttta	tcagataaatt	catttttcat
241	ttctgcaaatt	caatacacaa	tgagctcata	ttcagataaa	tataatagtt	tttctttatt
301	tcatcattgt	tcattgattg	caaccatttt	ctaaaacaaa	ttattttaata	taatcaaact
361	cctttaactt	ctcaactttt	cccactaaaa	ctgtgaaaca	ttatataaaa	tctttaatca
421	ataggatatg	atacatattt	catcattttg	tttcaggttt	tggttgtgat	aaataacact
481	gaaaaaacct	cctaatatat	gtattaaact	tatcattaga	aaaggggatt	gttcaaaaaa
541	aaatcaatac	acagaaacct	tttttgaaaa	ttaaaaacat	taagaaactt	ccttgtaattc
601	acaaataaatt	ggaattaagt	aattttctca	gcttaagagt	ttgtattttt	taagtgaata
661	tcagtaatta	atccattaac	attgatgctc	tatttctgct	tttaagtttg	aactgagggt
721	gattaatggt	cagtcaattc	tcctttgagc	agggattggg	gtcaatcaaa	gacaaatcac
781	aacaagtgat	tgtccagggt	gtccatgagc	tctatgatct	ggaggagact	ccagtgaact
841	ggaaggatga	cactgagaga	acaaatcgat	tggtcctcct	tggtaaagtct	gaaaggattc
901	acagtttttaa	aacaaagtga	aaaatatatt	tgaaagggat	atcatgtgcc	actcaaacag
961	attaaccatt	caggtcctct	tttaaaaacta	aataagcttg	tggtcaatgt	ttcatcttta
1021	tcacgttaca	acgttcgtaa	aagcttggtta	ggacttttgt	tcttcttcag	ttttagaaaa
1081	gtgggttaatc	caaggaccaa	tgtgactttg	atgtactgac	ctggaaagt	aaagatggaa
1141	tcactcaatt	actattcctt	ttgtaaattt	ctaaacacca	taaagcattt	aatgaactgg
1201	aattgatagg	tgaactgtgt	catttttaata	agcataatgt	aatcacgtca	tattttgttt
1261	tgtttgcagg	cagaaattta	gataaggata	tccttaaaca	gctgtttata	gctactgtga
1321	cagaaacaga	aaagcagtgg	acaacacatt	tcaaagaaga	tcaagtttgt	acataacact
1381	agaggcattt	cttatcaaaa	ggattggata	ataaaaataa	gtttctactg	ggtatatttc
1441	aagcatttat	ttattacttt	agttacgaat	tccaatatac	tttaaaatgg	tatttgtttt
1501	acagcataca	taaaatgtag	caaatcggtta	ctgtaaaaca	tttaacattc	atacagttat
1561	atataaatatc	cttttttttta	aagaatggta	tttcacaaaa	atgtcttttg	aaattggcct
1621	tgaggtttac	atatactgaa	catgaaagt	tataataatg	atgatacaac	tttcaacatt
1681	gtcatttttt	cttagaactt	cagctgattg	cagagatata	atgattacat	tgttattaaa
1741	ttttttttaac	acaagtaagt	gtcaccattt	tatgacatga	aataaaaagg	tatgactggt
1801	attgatgttg	atgttgacga	cctgatcacc	tggtggaagg	agtgtttgtc	aggtttctcc
1861	attgtaaagt	tactcttttc	ccccatttca	tactgtgctc	tttggaaagg	aatcactatg
1921	cacagcccac	actaaaggaa	tggggagttg	tagtgtactt	ttttgggagt	ggtctacata
1981	attaattgaa	attcttctgc	aaaggacagt	tgtccctttc	gctttattag	ttcgatcatt
2041	tatgtttatc	agtgtggaca	catgaatatt	ttatactttg	ggttacaatt	taatactgct
2101	ttattttgtt	gctcaaatta	gccagctttt	gaccattggg	aactcctttc	gttatctcct
2161	gttcccgcct	ttgacatgcc	cccatcaatg	tggttttccg	ttatctcctg	ttcccgcctt
2221	tgacatgccc	ccatcaatgt	gggtttccgt	tatctcctgt	tcccgccttt	gacatgcccc
2281	catcaatgtg	ggtttccgtt	atctcctgtt	ccgccttttg	acatgcccc	tcaatgtggg
2341	ttttgtgttt	tgtttttgag	tgcctcctta	tttttctcct	gcatttttaa	ataaccccga
2401	tccctattga	agctggcgct	gggaaaacta	acaatactcc	ctttcccagg	tcacccgatt
2461	cctatgctga	tggaggaaat	gtgcctcaca	tgcggggggc	gctggggagg	aggcgtctgg
2521	gattttgtgg	ttgaataaga	cacctggcct	ggcctcctg	gagcttagtt	tagtaggtca
2581	cacaagcagt	cattggtaaa	tttgggattc	aaacaaatct	gttaggctca	aacctgtctg
2641	ttatttgtcc	tccaagcttc	atataaaactg	aggagcctta	aagggtaaaa	acttcaggag
2701	cagcaaagt	tcaaaaaaag	atcagcaaga	aagctctttt	ccagatttta	tcctgaaggc
2761	actagctact	ttaagctatt	ttttattata	ttttgccctt	gcagttggcg	tttgatttct
2821	cactgaacat	tcgttgatcat	aattatagac	actatgtgac	tatcaagggc	ataatattct
2881	ttcatgctgc	atttttatta	gatggcacct	caaagttttc	ccaagtaggt	gggtttttaa
2941	ttatgaatat	ataccgtggc	atagtatctt	acttagtatt	tttaataagat	ccttattttat
3001	ataacaaata	ttttttttat	tcctctgtag	tgctacttta	gtctctgagc	taattttcat
3061	gaagccaatc	taaaaatcgt	gttacttcta	aggatgtgga	gcgagtgaga	tgaacagttg
3121	tgctgtcata	ttgcccctcc	ccagtgcaga	cagtgaatga	ggaccactg	atttaaaggc
3181	aacactgcag	ccccttcttg	cctcattgaa	gtcccaagtt	ttattacagt	aaaagcactt
3241	aatgttgaca	tttctgaaag	aatgaagagg	ccgggcgcgg	tggtcacgc	ctgtaatccc
3301	agcactttgg	gaggctgagg	caagcggatc	atgaggtcag	gacatcgaga	ccatcctggc

3361	taacacggtg	aaaccccgtc	tctactaaaa	atacaaaaaa	attagccggg	cgtagtggcg
3421	ggcgctgtg	gtcccagcta	ctcgggaggc	tgaggcggga	gaatggcggtg	aacccgggag
3481	gcggagcttg	cagtgggtccg	agattgtgtc	actgcactcc	agcctggggcg	acagagcgac
3541	aacgtctcaa	aaaaaaaaaa	aaaaaaaaaa	aggaaaaaaa	gaatgaagag	ccagagccag
3601	gcatagtggc	acgcctgtag	tcccacctac	tcaggagggt	gaggcgggag	gatcacttga
3661	gcccaggaat	tcaaagccag	cctgtgcaac	atagaccctg	tctctaaaaa	tgaattgggtt
3721	ataaaggatg	aagaaaggaa	ggaggaaagg	gagagagaga	agcccttata	gagtgggtgc
3781	atcttctgtg	tgtggggcca	ctttgtgaaga	acaggatttt	tcaaactggg	cccatactgg
3841	tatgtgtgaa	atcaatttag	ttggttatgg	ccattttttt	ttaaaaggaa	atatcagtga
3901	tcactatagt	gtaagtatat	tgtttcgtga	aagccatctt	agttatgtat	tatgtctgta
3961	tgtgtaagat	tgtgatataa	aatgtatttc	tgtggttaaa	tattcaaaga	aattggagaa
4021	ccattgctac	aaggggacag	aggactccgt	gtgagctctc	ctgccttccc	tgaataaact
4081	tacacaatth	agtgtctggga	catttgaaac	ttttctgaaa	atttgagtca	ggggagagca
4141	tcttggggag	gtgggaagga	aggtagaagg	agcaaagcaa	cacccccctg	aagcctggga
4201	atattgtcag	aaccttaaat	ataattcagc	tcaccattct	gggtaaggac	agactctacc
4261	aatgaaaatg	ggtgattacc	agctgtgaaa	cacaaaaaca	tactttttacg	gttacacatt
4321	cctttacaaa	caaccgtgta	catttcagcc	tcctgcccc	ccattttctt	tctccaggag
4381	ggaaggctgc	atgtcagagat	ggctcgtagaa	tgttgagtat	cctacttttc	tacctcgctt
4441	ttatttgctg	gggttttaaat	gcgccttaac	agaaccctg	caaaggcttg	cctacttgct
4501	tggctgcacc	ggatgagtag	agcatcttcc	ttgggtggcag	gtgggtgcga	ggaggagggg
4561	gctgggcttt	tctccggacg	gtgtttgccc	agaagaccat	catccctgga	ctacgttagg
4621	aggaagtggc	accgctccga	ggtaggggaa	gaagggttat	aaagggggga	gtccaccaca
4681	catggtcttg	aagaagcttt	tataaaaggc	aaaggcatct	ttgccggacg	ttgttgcaaa
4741	ggagtagaaa	caagcagagg	aaaacatccc	aaagggtaac	cactagcggt	cctgcttctt
4801	gcaacattca	tcccaggctt	ccagctcagc	ccgccccggg	ccaggtgatc	ggccgccaca
4861	tcccctgcga	ctgaagcacc	tgctccgcca	tgaacctgcc	aagagctgag	cgccctcgct
4921	ccacaccgca	gcgcagcctc	cgggactccg	atggggaaga	cggtaaaatc	gatgtcctgg
4981	gagaggagga	agatgaagac	gaggtggaag	acgaggagga	ggaggcgagc	cagaagttcc
5041	tagagcagtc	gctccagccg	gggctgcagg	tggcccgggtg	gggcggggtt	gcgcttcccc
5101	gagagcacat	cgagggcggc	ggcccagcgc	acccctcaga	gtttggcacc	gagttcaggg
5161	caccgccaag	gtctgcggcg	gcctctgaag	atgcccggca	gccggcaaa	ccccctact
5221	cgtacatcgc	gctcatcacc	atggccatcc	tgcaaagccc	gcacaagcgc	ctcacgctca
5281	gcggcatctg	cgccttcatt	agtggccgct	tcccctacta	ccgccgcaag	ttccccgcct
5341	ggcagaacag	catccgccac	aacctctcgc	tgaacgactg	cttcgtcaag	atcccccgcg
5401	agccgggcca	cccaggcaag	ggcacctact	ggagcctgga	ccccgcctcc	caggacatgt
5461	tcgacaatgg	cagctttctc	cggcgtagga	agcgtttcaa	gcgccacca	ctgacccccg
5521	gagccacact	gccccacccc	ttccctctac	ctgctgcaca	cggcgccctg	cacaaccccc
5581	gcccaggccc	tctgcttggg	gcccctgccc	tggcgcagcc	agtccccggg	gcctacccca
5641	acaccgcccc	cgggagacgc	ccttacgctc	tgtgcacccc	gcacctcct	cgtacctac
5701	tgtctcggc	ccccgcctat	gccggggcac	cgaagaaagc	agaaggcgcg	gacctggcga
5761	ccccggcac	ccttcccgtg	ctgcagccct	cacttggtcc	tcagccttg	gaggagggca
5821	agggctctgg	gtcggcaccg	ggaggcggat	gcactctctt	cagcattgag	agtatcatgc
5881	aaggggtcag	gggagcgggt	acaggggctg	cgcagagttt	gtccccgacc	gcgtggagct
5941	actgccccct	gctccagcga	ccgtcaagcc	tgtcggacaa	ttttgcagca	acagcagcag
6001	catcaggagg	aggactgcgc	caacggctgc	gctcccacca	aggcgcggt	gctgggcggg
6061	cacctgtcgg	ccgcgtcggc	gctgctgcgg	tatcaggcgg	tggcagaggg	ctctaggctg
6121	acatcgctgg	ctgccccctt	gggcggagag	gggacctcac	cagttttttt	agtatcgccc
6181	acgccagtt	ccctggccaa	gtccgcaggg	ccctcctaga	gccagggtgg	agtggggagc
6241	gatccgcagc	tgtcactcc	accttgccgc	gcccatactg	ggcgtgtgca	tctgaatcct
6301	gctggagagc	aaacacgaac	ttctgttccc	tgcaaaatgg	ttagaaagaa	acagctggat
6361	tacgttcctc	taaaaaccac	ctgaacgtaa	ccttcgcagg	gcgtcaagtc	atcttttctt
6421	gccttcggct	gtggcttctg	tggctttccg	gatttgcaca	tttcctgggg	tactatgaac
6481	gtgagtgggg	tattttgttc	tggcattaga	agaaaaacaa	gcaagcaaac	aaaaacacag
6541	cctccgatgc	caaacatggt	cccccttctt	cacttccttg	gaactggaag	tgttattcct
6601	aagtctagt	caaaatgctt	ctactctctg	tgtcttcctg	atagggatgt	ttaatgtaag
6661	taggatatta	atcttcagaac	attgatttct	tatctgtgtg	tctgacgtgc	catctttaat
6721	gttaaaatta	aggtgttaaa	attaagccta	gttatataga	cgaataaaaa	tgctaagtca

6781	ctacactaca	tcgttatttt	ctattacgtc	tcattcttcc	ctttctaaat	ggaacttttt
6841	aaaacctaca	ttattttccc	tcaaacaatt	tattttcaca	attcatat	attatagata
6901	gcagaagtaa	tccattttta	tatggccttt	aaaaattcca	aatatttgag	gttgaaaatg
6961	tcctggcttt	taaaatagga	aatttactat	ttatgagact	tctaaaagaa	aagaatagga
7021	gggcatgtaa	atatattctc	catttatttt	tcctcacccc	ccaacaagct	ggaaaaccgt
7081	ttgagatcaa	tttggaatgt	agtggccaac	atgtactcag	ggaaaataaa	aggctataaa
7141	tgtacatata	tatatatata	tatatatata	ttttttaagc	actagaat	tcaaaactta
7201	tttcttaaaa	aaaaaaaaac	tctgaaaaga	ctttgcaact	agaaaggttt	aagtgttact
7261	cggcgtcagg	ggacggagtg	gggggaaacc	agacaagaac	gcccacatg	aattgctccc
7321	cacaaagaaa	acatatctt	aggaacttgg	ccgttttccc	ctgtcccag	tggggttccc
7381	gattccgtgc	cgttttgagg	gaagctgctc	tgtgaatgtg	agaaagtttt	tccccagcc
7441	cccacactact	ccccaccccc	agctatgaat	ttcttatttc	aggagggagg	acaaacatgg
7501	agacacacat	ttttacagga	gtctaattgg	ccgatttttc	tccggcttct	cttctccatc
7561	ccgtctcttg	gaatttcttg	gcattgcccta	cctgagatcc	cctacgggag	atttctcttt
7621	ggctcctgcg	gttctgagga	cgttctgaaa	agttcccaag	ccccaccttt	ggtagctgcc
7681	cagaccccag	cttccaattc	ttccctcttc	tttgcacagg	cagccgtccg	ccccacagcc
7741	ccaccagcgt	ccagaagaga	ccacttttag	caaatccggc	agggtggggg	cagtctaaga
7801	gtttggaaac	aaactgagaa	tagaggggtc	ctatgtcatg	ccagcttctc	gctgggttac
7861	gctccaactc	ccctctgtcc	gttggtcgaa	aacgtctcca	ggccgacctt	ccttcattta
7921	ttgccaaaca	acgtcctggg	agagcggcta	cagccgctga	accagaaggg	gactttctct
7981	aggctttctt	ggcaccctcc	caatcatctt	ccttctcttg	cccaggggca	gaccaccggg
8041	ctacgaacgt	gggtgactga	gggtcaggcc	ccttcccggg	accgcctcca	agtcctaat
8101	ttttgcctaa	tgtgaaacat	atccaaagat	gaataactta	accatcagtt	ccgtggcgga
8161	gtaaattgaa	cgttgttctc	cgatcaaaca	ggagcttcgg	gtccacctgt	ttggaagcac
8221	ccaggcggct	tggaggggtc	cggccttcgg	gcgcgaccgc	caggggttgc	cttgcccggc
8281	tcgcggaacg	gacgtttacc	cgtcgcagct	acgaaccac	caacgacacc	aagcactggc
8341	cgggcagacc	aggcgtcgtg	gaggcgcccc	agccccgcag	cccccgcaa	cgacgcgtcc
8401	caggggtgcg	cagtgtcttg	cgcgtgtccc	ggaccggccc	gccttcccga	ccgcgcagag
8461	cgagaggcca	caccctggat	cccaggccgg	gtccctgcgg	ttctgggagg	gaggtcccgg
8521	acgcctccca	gatctcgggc	ttctgtaacc	ccgaggccgg	gttttaaaat	cacggctctt
8581	ccgagttaca	cgaagagtcc	gtggtcaagg	gtcaaggggc	gtcttcgacc	ctcgggatcg
8641	tcttcttgag	aaatggctga	gagctaagcc	tagagctgcc	cagggaaagga	agccaaagag
8701	ctggcgccga	gcgcggaggg	ctgggaggcg	cggggaggcc	ccttaccggc	cccactgtcc
8761	tgcccgcctaa	tgacgccgat	gacagtgaca	gcgtcggccg	agtgttccc	ctgctccggg
8821	tcggccaggc	accgggtcct	ccttcagcac	tcgcagcacg	actgaagaa	gacgtacgg
8881	aactctccgt	tttccagact	cgggggaatt	aggaaactcg	cccggcgacc	ctcgcgcagt
8941	agcaccgggc	caggtttgct	ttcggaaccg	ctgactgcac	tcgccgcctt	tcccgcctgg
9001	gcctctcgcg	ggtcgcaggg	gtggaagccc	gacctggggc	aggggccgga	tttcttctc
9061	ccggcctctg	cgccaccgcc	cccgtgtcag	gacgcgtttt	gctctcgccg	agaccagac
9121	gcgctgaaag	cctcgcgcgg	gcagttcccc	gccccacgcc	ccgggtgctg	cgttctcccg
9181	caaagcctct	gccgagtgcg	cgcaacggcg	ccgccggact	ccccgggacc	gcgtccccgc
9241	gcacgcctga	ccggagcacc	ccgcttcacg	ggggcgcttct	gcgcgtcctt	cctccccggg
9301	gcgatttcca	ttctttttcc	tctcgcggtc	cccaggagcc	caggcacccc	tcgactcccc
9361	gggactccct	gcgggcccga	agccgccttc	ccgaggcggc	ggagttgggc	agctccgggc
9421	cccgcgccgc	cccgcagagc	cggagtttct	ctccggagtc	tggatacagc	tctccgcttc
9481	gtcgcgcgcg	actggacccc	ggtagcgtgg	agcctgcccg	ggaagctggg	ctgcgcgggc
9541	ctggggcgaa	ggtccaaggg	gcgcgggggc	cgggacgcgg	ggctgtggca	acgaccggcc
9601	ctctgcgaac	gctcggggccg	gcgggtccgg	ggccacaggc	tgggagtggg	gctggggccc
9661	actggggagt	agagaggagc	cccaggaaca	ggtgcaccag	ggtcccggcg	gctggggcca
9721	gggtcgcgaag	cagaggggac	cggcggctgc	cagcaagtcc	caagcagatg	cctctggcgg
9781	ggcagccgca	ttctacagcg	cccattccgc	gtacatcgag	tatccaaaat	gagtaaaatc
9841	ggttttatacg	ttggaatgta	gcttatgatt	ccaaaatctc	atctccaggc	tgcctagatc
9901	acacggcccc	gtttcattca	tttttactta	ataacggctg	ttggacaatt	tagagaagca
9961	gcagaaacca	cgagaaaaac	agtggagtca	aacggcggtg	aggactgaca	aggctggcgg
10021	ggacattgag	caaacggcgg	cttctgagtt	ggcaccagtc	cttcaccacg	ttgtgtggga
10081	agtgtgggga	gtcaggattc	ccactcctcc	ccagccttcc	ggaaaaatgc	tcggaaat
10141	ccttccacat	tgacacctga	ttacagtcta	catagtaacc	ttattctgat	cgttaatgta

10201	accttctcgt	aatctctaca	aaaatacttt	agtttttcta	gctgtgtttt	catgtaatca
10261	ctgaaattat	ttttaattgg	ttttaagcat	tcattgattc	catatacacc	acctgcaaaa
10321	aagttacata	ggtgatcgct	aacaatacta	gaattcgccc	catccaaagg	aaacattaga
10381	gtagaaaaag	aaaaaggatt	tgagaatcca	gtatgaaatt	cagttaatca	ttacttccct
10441	gttactcaac	taccttaaca	ttgtcagggt	tacctgaaca	taaacttcat	tttcttaatt
10501	gttcttagaa	cgaagggata	tgtttattga	aatcagtaat	taagaatatt	ttgggacagt
10561	tatgatttac	ttagccagtg	aagcagtttc	tattcccaaa	tccaggcaaa	gagaacaata
10621	agattaaacg	tagcctaaga	gatttccttt	ttgtcaaata	atgtgatttt	gctatgtata
10681	gaggagatgt	ctatatgtaa	gggcatattt	atgaccagta	gttcctaaaa	ttaaggggac
10741	tattattgtg	ttactcaagg	tatcagttgt	ataggataca	ttatgtcata	tttcaaacaa
10801	tgttttataaa	gagattagta	taattaacct	gtatgtactt	ctcctctggg	ccaaccttgt
10861	gtcttctttg	tctgctgaca	gtcccctccc	cactgaatta	ttttgaatca	aatcccagat
10921	agtctatcat	tgtattgtat	ttttgaatat	ttctctaata	gataataatt	ccatcaatga
10981	gactgggtgc	agtggctcct	ccctgtaatc	ccagctcttt	gggaggcaga	ggttggagga
11041	tcacttttagg	ccaggagttc	aagaccaccc	tgagcaacat	agcaagaccc	cattttataaa
11101	aaagaatatt	cccatacaag	taaccacaat	accattatca	cacctaaata	atccattaat
11161	agcatcggtt	tatccaggca	atattttaaat	atcttcaatt	gtctaaaaac	tttttgttta
11221	gttggtcggg	ttgaattaga	atgctaataa	gggttacgta	ttgtgttttg	ttgatatggg
11281	ctattatata	tcttttagat	ttcctcaatc	ctcttttttt	gtttcccttg	cattttttat
11341	gggagaaact	gaactgtttg	ttctgaagaa	gctgacattc	tggactttgt	agctgcaggt
11401	aatagttttt	tggcaagata	ttcccaggga	taaggtcggt	tattcagact	tttgaatatt
11461	ggcaaataat	aatattgttt	gtagaggagg	aaggattagt	caagatattt	tgaagaatca
11521	actattgaaa	aaacaaattt	ttatcagagt	aagcatggat	ctggtaaaga	ttatgtgaaa
11581	ttttcctaag	tgcaaataca	atctaaaatt	gtaatgtctt	acaattaaaa	aatagattat
11641	tttccatata	tttatagaaa	tataaatgat	caatcaacta	tttcattgac	aattttaaat
11701	ctagttttat	cctgaggaga	ataaagtttt	ttatatcttt	agtatttttag	ttgaagatcc
11761	aaagacattt	tatgttaaaa	cttttaggtt	tatattgttt	tgtgttttaa	aacataaaat
11821	ctaaaatgtg	gtaatatcca	tgaggtgcag	agagagtaat	agcacaatat	ctgtgttcat
11881	gaaaattcat	tttaggataa	cttaattaaa	aggactcagg	atttgaatga	tattagatta
11941	gacagaaaaa	agttcacttg	agtgtaaagc	ataagtaata	aaaaccaaaag	gtagctaact
12001	tttgtaggct	tctttttctt	taacgagtat	gcatatgaaa	taaaattttcc	atgtccatgt
12061	ccattttttcc	aaggtaacata	gggcttctat	aatttcgtct	atttcactct	gcagttattt
12121	tcacgggtct	ctgtgtccac	cactatctgg	aatctctgag	atgggtgaaa	cgaaatctta
12181	ttcttcttta	tatttcaaac	aattcctagc	acattatcaa	aaataacctga	taaaattttat
12241	tgtgtctgta	atactggtaa	gcatgtaaaa	gggtggtaaa	tatataggct	ttaagtttag
12301	atagatctaa	atattattaa	aattaccaa	ttattgtttt	taaaagcat	tagtttcccta
12361	ggacaaaatag	agatttttag	ataaggctgg	atttgaata	ctttaagcaa	cagggtcacag
12421	tgcctaaagta	tttaatgccg	atttggcaag	cagctgatgt	tttatataat	gctgtcgggt
12481	atttttatatt	tgcgtgtatt	ttctgatgca	ctggatccag	cacttcatgt	cacgtcatat
12541	atctgtttat	aatgtataca	aatgtatttt	catatatatt	tgatgtttga	tggctttgaa
12601	actttaatct	tgaaatagat	tttaaatttt	tattaaaact	atttaaataa	ttactgtaag
12661	gaaagagctc	ttattagttg	aaagaaaatg	tagattcatg	tttccttgga	gactagtcta
12721	gtttccaagg	atagacggca	gtgaggagtt	gggtatctag	atggaatttc	tgttggtttg
12781	gattccagct	ctgctgctta	ccagctttgt	gacctcaggc	aaacaactta	acctctccaa
12841	gcctcaattt	ccccatctat	ataatgggtga	tattttataag	tttcacctta	tagggccatg
12901	gtggggatca	catgaaatag	tgtatgtgaa	gtgcttagta	cagtgcctgg	cacatactca
12961	atgctctatg	catgtcagct	agtacttaat	gatgctaata	aacatgttat	gtccctaagc
13021	acgggtggga	tcttgccctga	cgctcttctc	tctgcgtcct	ggtcagtcct	cacatgggtg
13081	gcatccttta	tttccgggtca	cacacgggtg	gtacacagag	cgtgctgttt	cttccctgcc
13141	agaaggttcc	tgetgcagct	ctcctgctag	tttagcttag	ccttctggtt	tgagggatga
13201	gtcacatgta	ccatcacttc	ccaggaccaa	caggaccttt	caggaaaagct	atccctgctt
13261	acacagagaa	ttgcccttgc	ctaacactga	agcctggcag	agtaacatga	aataaccaca
13321	gcaattctaa	aattagaatt	agcacgccta	gaataacagg	tataaccttc	tcttgtactt
13381	tatcacttgc	ttcatttctg	ctcagcctaa	ttttcacttg	atgtgtagat	ttattttttg
13441	ttcacccatc	cagaaaatgt	tgactgagga	attactctgt	gttaggcgct	gttgtaggag
13501	caagggatac	aatgatgatc	aaggcagatg	cagcccttac	cttcaggctg	tggagtccgg
13561	atacagactg	gaggcaggca	gctgtaagat	gtgtgacaaa	tgctgcgctg	gatcagccca

13621	tggtattagg	agagcaggta	agggaggggtg	gggacgggag	cggacaacct	ggaggaagag
13681	gcacctaaagc	agagtccgga	aggctgagga	ggagtcagca	ggtgaaagag	aggggaatca
13741	tgacatgccca	cctcaactgt	agggcacggc	tagctggctg	acttagctgc	tgtaacaccg
13801	gattttttgca	agactccctg	agtattttctc	gtggacttgc	gaacaaatct	gagcaagaaa
13861	accacgtaat	ttctttttatg	ccctgccccaa	gaaagccacc	tggaggggca	aggggacctt
13921	agcagaaaga	agctggaggt	ggggggagag	caggggtgatg	ttactctcca	tatgggtggg
13981	ggtggacacc	tccctgtcac	atggctcgta	atatccagcg	ggggagaggg	ggctgacttt
14041	cccctacgtt	gttggttaata	tcacccccct	ctctcccgt	aaatattaag	tacaatatca
14101	caggtggggc	gtacaccccc	ggcgatgttt	gaagtaatat	caacttctcc	ccctctggat
14161	gttagaaaca	atatcacagg	ggggtgtaca	ccccctgcg	atcctgggag	taacatcatc
14221	ctctttcccc	cggatattag	gaacaatatc	acagaagggtg	tttacaactt	ttgcaatggt
14281	gggagtaata	tcatcctctc	tcaccctaga	tattcagaac	aacatcacat	gggaattgta
14341	cccttctgtt	tattgagagt	aatatcatcc	tctccctttc	tgtatattag	aaacaatatc
14401	acagaggggt	gtgtacaccc	ccaggaatgc	tttgagtaat	attatcctct	ctctgcctgg
14461	atattttggaa	caatatgaca	ggagtgtgtg	acacccactg	tgatattttg	tttaatatca
14521	acctctatcc	cctggatatt	gggagtaata	tccatcttta	gcccctggat	actagggaca
14581	atatcacagg	aggggtgtat	acacacggcg	ctattgggag	taatatcatt	ttctccaccc
14641	cctgatatta	ggtacaatat	aacagtgggg	acgtgcaccc	cctgggatat	tgggagtaat
14701	attaatccct	ccccctgtgg	atgttaggaa	caatatcaca	gaaggggtgt	atacccccag
14761	cgatattggg	agtaagatca	tcctctccca	acttgगतat	taggaacaat	atcacagggg
14821	aagtgtataa	cccctgcgat	attgtgagta	atatcatcct	ctcccaaaag	ggagattagg
14881	aacaatatca	caagaaagg	gtacacctct	tctgatattt	gtggtaatat	catctcctcc
14941	cctcattgat	attaggaacg	atatcacaag	gtgtgtacag	cccctgcgat	attgggagta
15001	atattattct	ctcttcccct	ggatattaga	aataatatca	caggcggagt	gtacagccaa
15061	ccccctgcga	tattgggggt	aatatcatcc	tcttttaaac	tggatattag	gaacaatatc
15121	acaggggggt	tgtacacttc	ttttgatact	gggagtaata	tcatcctctc	cacaagtaaa
15181	tagtaggaaa	aatatcaaag	aaggtgtgta	caccgcttgt	gatattggga	gtaatatcat
15241	cctacctcac	ctggatatta	gaaaaaatat	cggggggcgt	ttacaccacc	tgcgatattg
15301	ggagtaatat	gattttctac	cccagtggat	atttagaaca	atatcacagg	ggcagtgtac
15361	accctctgag	acattgcgag	taatatcggt	ctcaccccg	cgcacccacc	ccagatgtta
15421	ggaacaatat	aacaggcaga	ttatacacct	gccgcaacat	tgaagtaaat	atcatccttt
15481	tccccctgga	tattaggaac	aatatcttat	gggggggttta	cagcccattc	catttttggga
15541	gtaatagcaa	cttcttcatt	gctggaaata	agaaacaaca	tagcagttct	ggtgtacaca
15601	ccctgtgata	tgggcagtaa	tatcatagac	tctcccccg	cgtattagga	acaatatcaa
15661	aaaggggtgt	ataccacag	cgattttggg	attaatatca	tactctcccc	cctggatatt
15721	aggaaccata	tcaaagaagg	agtgtctacc	ccttgcgata	gtgacagtaa	tatcatcctc
15781	tccctccctg	gatattaaga	acaataaaac	agaattgggtg	tacacccct	gcgatattgg
15841	gggtaatatc	ttcccctccc	ccgctggcta	ttagggacag	tgtcacagaa	ggggtgtcca
15901	ctccctgcta	tattgggagt	gagatcttcc	tctccgtccc	tggatattag	gaacaatatc
15961	cctagggagt	gtacacctcc	tgcaatagt	agactaacat	catcctctcg	ccccctggat
16021	attaggatca	atatctcagg	ggtggtgtac	atccccctgcg	aaactggaag	aatatcatc
16081	ctctccacct	ttggacgtta	gggacagtat	cacgggggag	gtctacgccc	cctgcgacat
16141	tgggagtcac	atcatccgct	cccacccagg	atattaggaa	aaaagatgac	cgaaggggtg
16201	tatacccact	gcgatatttt	tcataatgtc	atcctctact	ccctggcaat	tacgaataac
16261	atcatagagg	ggtgtacact	ttctgtgata	ttgggagtaa	catcctctac	ccctcggata
16321	tcgggaacaa	ttatattaag	tattaatatt	cataaatata	ataacaatta	atagaaatca
16381	tcgatataaa	taattactat	aaagatagta	aaagttaata	cggattaaaa	atattaatgg
16441	ttactattaa	taatagcaac	ctcactatta	attataacaa	tatcggtaat	taatgttact
16501	taattaaatc	aatacgtgat	gttggttaata	aaacaataat	taagattaat	aactaatatt
16561	gaaaaatgac	aataactaata	attaatttta	atcatgcata	atcatattta	aaaatcatta
16621	atgattagta	aagttatact	attaatatta	ccattgataa	ttattaagac	tgatgtttaa
16681	taattagtaa	tattattaag	actgatgctt	aataattaat	catattattt	ctcctaatac
16741	cgtaggggggt	gtacacctac	ctgtgatatt	gttcctaata	tccagggatg	gagagcatga
16801	tattagtttt	aatatctcag	taggtgtaca	ctcacccctgt	gacactgato	ctaatatcca
16861	gggagtagag	tatgacatga	ctcccaacat	agcaatgaat	gtacagccac	ccggtgatat
16921	tgctcctaata	attcacggaa	gaagcgtagg	atattacttc	caaaatcgca	gggagtgtac
16981	acctcttctg	tgatattggt	cctggtatcc	cgaaggggag	aggatgataa	taattccagt

17041	atcgcaggct	gtgatcacc	accctgtgat	attgttatta	acatcctgaa	agggagagga
17101	tgatattact	ccccgtaata	gatagatatt	actccccata	acagcgcagg	aggtgtacac
17161	ccaccctgtg	atattgttcc	taatattcag	aggccgagag	gtcgatatta	ctctcaatat
17221	ggcaggaagt	gtacaccccc	gtgtgagatg	gtccttaata	atattccaag	gcgagggggg
17281	agatattact	cccaatatcg	cagaaagtgt	acccccccag	ggatattgtt	ctcatgatcc
17341	tggaggggaag	aggatgatat	tagtttaaat	atgacagaag	gtgtacacgc	ccccactgat
17401	actgtttcta	atttcagtgt	gggagaggag	gatatgacac	ccaatatcgc	agggagtaga
17461	aacacacctg	tgatacggtt	cttaatatcc	agggtggaag	aggatgatat	tactcccaat
17521	acagacgggt	gtacaacctc	tgcacaccga	gggtgtacac	ccatctgtca	aacagcacat
17581	aattttccaga	gggggagata	ttacccccaa	tatagtaaag	aggctgtgag	tccaccgtgg
17641	atcgtaatca	ctcgcggggg	agaggagggtg	gctcttactc	cccatatcgc	ggggggtgcc
17701	tccacccctt	ccgatggggg	tcccaagacc	caggggagggg	agaggggctg	gctctcagtc
17761	tccgcctcgc	gaggtagctc	cccaccttgc	gatcgggggc	ccaagagcca	ggggggaaga
17821	ggggctggct	ctctttgttg	atgattcttt	ttccattctc	aggcagtttt	cttttttctt
17881	tctttttttt	tttttggagg	ctgagtcttg	ctctgttgcc	catgctttgc	tggatctcgg
17941	gtgactgcaa	ccactgcctc	ccaggttcaa	gagattctcc	tgcctcagcc	tcctgagtag
18001	ctgggactag	aggcgtgtgt	caccacaccc	agctaagttt	tgtattttta	gtagagatgg
18061	ggtttcacca	tgtttgccag	gatggtctct	atctcctgac	cttgtgatcc	accacacctc
18121	gcctcccaaa	gtgctgggat	tgcagggtggg	agccaccggg	tccagcctct	ccggcgatct
18181	tcatacctgc	atactctgat	cactactctg	ttaaacagtc	aaggagggtg	agtattatct
18241	tcagatttcc	agagctctgt	ctctgtacag	ccctctcctc	ctcaatatcc	tgccctatga
18301	attctagcca	cattggcctt	cccagactca	cagttctgtc	ttctcaactc	aggaagatct
18361	ctgagctcca	tctgcattct	ttcttcctgt	gctgtggcct	ggaaagtgtt	ctaagggtgt
18421	tgggaggtca	attgtggggc	tagcctcatt	tgtttctcat	ctcttgagga	tcactgcctt
18481	ttgatgcttg	attccagtga	ttgattccct	ttgttgcttg	agggccatag	ttcatatat
18541	tttgtccagt	atttttgttg	ttttaggtca	gaaagtaatt	ttggtctctg	ttactccatc
18601	ttggccagaa	gtgtaagacc	taagcattta	cacatcaaaa	tactgcacac	ataattttag
18661	tttaagctac	ctttaaaaaa	atctgcttca	ttttccatta	agcattctat	ttagggattt
18721	acattggttt	ttttgaaatt	ctgttattgg	cagtttctat	tgccctatca	tcccatttaa
18781	agatagtga	tagggatttc	taaaatagct	gttaagcaaa	gagaaaattg	ggcctgatag
18841	ggtgagaatc	acagctctaa	tacctagagt	gaccttataa	tgtattgtcc	aaaggagata
18901	tttttgacag	tgaaagaggg	tgttgttagt	aattatatca	ggaccatggc	ctaaaccagg
18961	actatcccag	gcagcctggg	acatatttgt	accccatctc	tatttaaatgc	ctttatacaa
19021	ttctttactt	aattctacca	gcctttattg	agcctgcttt	ctttgtctag	ctgagtgcc
19081	cgtgctgacg	tcactaagat	caatacagca	aactctgaaa	gatggacaga	gagacaggag
19141	atggctcctt	ataatgcagt	gtgatctgtg	ctgcaataga	ggtgagcaca	ggggccttac
19201	gaaggctcag	tgaagagcat	gcttgactgc	aggggagggg	gcttaggtta	gaaaagatga
19261	gtcgaagtat	gttcataagg	agcatgggat	gagaggtggg	gggaaaggta	ttccagacag
19321	tgtgtgtcaa	ggccaagagc	caggggaaca	caggtagggc	tttttttttt	tcttctaaga
19381	tggaagagtg	ttctgatcag	ctggaaaaca	acgcacatgg	gaagctgtac	agaaatgagt
19441	ggggaaagg	aatacttaac	agcaacaaca	gttaatat	agtgccact	tacgacatgc
19501	tggacacagt	tccgggtgct	ctgaacatat	tcgctcattt	aatctttaca	acaaccctat
19561	gaggtaggta	ctatgattat	ccccattttc	aggtgaggaa	tctgaggcac	agagagagta
19621	agtatgttgc	ccagggccac	gcaccaagta	tgtggtagg	cctggagttg	aatgcagagc
19681	ccctccactc	taaactcctg	aaagccagat	gctacaaggc	gttggtattc	caagtggagg
19741	aatgctaagg	gcatactcct	gcaggtgacc	aggaaaccct	gaagcattcg	aagcaggggg
19801	atggcttaaa	acaagggtgg	ataagaaagt	gctcccagag	cagcatgaaa	gtctggtgta
19861	gtggaggtct	ccgctagcca	caagagggtg	taagaggctg	agctgaagca	gctgcagcag
19921	ggatgcagag	gatacattcc	ccaaaccata	atgggcagag	tcctttggct	tcagtgacca
19981	cagccaagg	tgcaaggagg	aagcccaaga	agatgccagg	tgtctggctt	atgcccctgt
20041	gtgaacgtga	agcctctcat	tgacatgcag	gttacaggag	gaaaagcagg	tttatttggg
20101	aaggaggctt	ctagaccatg	acttccattt	tagccatgta	gtttttgaag	tgcttgtaga
20161	agttctagg	ggaaatgtcc	aggaggcagt	ggggaactca	aagtagatct	caggagagag
20221	gcttaggcca	gagggcttgg	ggaatcatca	gcattggggg	gggaggagag	ctggtatttg
20281	gatgagattg	cagtggagca	tgaacagagt	gggaaaagg	ggtgatgaac	ccagggactc
20341	cagtatgcgg	tagctggctg	tgaagattag	aagcaatgaa	ggaggccgag	aaggatgtcg
20401	gggagaagca	tcaataagga	ataaatgagt	tgcacgtgct	ccagagaggc	caaataaaga

20461	ctggatttgg	ctctcgcggg	tcatacacga	aagaatcttg	gaacccaaaag	gaaaacgggtg
20521	gtggtttcaa	gggtatatct	tgtttctagg	tctgctgtca	caaaataacca	gaaactgggt
20581	gtcttgttaa	aacaacagac	atTTTTtctc	tcacagtttt	ggaagctaga	agttcaaaac
20641	gaggtgttgg	cagcaccatg	ctctctctga	agatgctagg	aagaatctgc	tccatgcctt
20701	tccattcgct	cctggggttt	cctgcaagcc	ctgacattcc	ttggcttgta	gatacaccac
20761	cccagtttcc	gcccccatca	tcacatggcc	tcctctctgt	gggtgcctct	gcgttccctc
20821	tattcttctt	ctaaggacac	cgacaccagt	catagtggat	taagggcca	ctcctaacta
20881	attacatctg	caaccaccct	atTTccaaat	aaagtcacat	tctaagattc	ctagggagaa
20941	catgaagttt	tgggggtgtg	tggatactgt	tcaacctggg	acatggagta	aataaatggc
21001	aagaaagatt	acagatgact	ttaagctaaa	gagggagata	gggttaaattg	taggactttt
21061	TTTTTTTTcc	aggacgggag	aggtttaaac	atgttactac	attgaataaa	tgaataaacc
21121	atggacatgg	agtggctaaa	gattctgaac	taagtcaaaa	tagttgatag	cgcaagctcc
21181	caaggggctg	gggcctggag	cgcagatgga	tggatccact	gtgggcagaa	ctgggcctg
21241	ggaggggtgt	gccgatgcag	atgtgtttga	gtgtgggggg	ccagaagctg	actggggcga
21301	agcgtgacag	tgcagctcca	agcacgctgg	aggtgttcac	caagcaactc	aagagcagat
21361	ggcagaacga	gcagctgaaa	taacagcttg	tgaatcaaac	cctactttgt	ggggagagga
21421	ttgggttaagg	attctagcca	tgagaaccaa	gaagaggagg	ataatctgtt	catgcctatt
21481	atggggcctt	gggggagcag	tttcagcctc	aacctggaga	atgttttaga	aggccagaga
21541	aaggaaccct	gcaaatcatg	tgagctggcc	cctcactttc	agatgaagtg	tccatacagc
21601	agtaacgcca	ccctctgtag	tggttctaga	gtgtggcaat	ctggaggggt	cattatggaa
21661	aagggctgaa	gcataagaat	gtaggcccaa	tactgagata	gaaagaggat	tctctgagat
21721	gacttaggca	gggtgatggg	gggtgagggtg	gggtgaagaa	gccctctgct	gcctcagtc
21781	gagcatggag	ttcaattggg	caagagcaga	gccaatcacc	atTTaggccc	tcttgtagc
21841	cttaatttat	tcctcgggta	tggagaagac	tcctcaagat	gcattcagag	tgcaagctcc
21901	ctcttccgca	gcagaggact	gccctgcagg	tttgagttc	tgtcatttgg	aaactccctg
21961	atgtgtccct	tggctcttcc	cattcttttg	cttcaacaca	ttttaagacc	aggcacctta
22021	actgcagaaa	cagcatgaaa	aacaagtagg	tttcaggaaa	aattatccca	agtggagtct
22081	ctactgtgct	ctgtttatca	gatgtaaagc	ttaaaccagt	gtaagagttt	ttacagagt
22141	tattcatatc	acaccagttt	tgggtccata	gaccgggggt	ttttctagat	caaaccgttc
22201	aattgtcctg	ttgatcctgg	cctacaatct	gagtggataa	aaaatatTTT	aggagagatg
22261	agattctaac	cctcaatggc	aaaaagcagg	gctgagccct	aagcccacgt	ttttacacat
22321	atTTTtacaat	tgaatgtgtt	gcactaccgc	tagaacacta	gttctcaacc	aggggcgatt
22381	ttgctttcca	ggggacattg	gcaatgtctg	gagacatttt	TTTTTccatt	ttcaaaaatt
22441	gtggcaaagc	acataacata	aaattagcca	tctgaaccat	tttcatgtgt	atagttcagt
22501	ggcactaagc	accttcacac	tgatgtgcaa	ccatcaccac	catccatcca	tagaactcct
22561	ttcattttgc	aaaactgtaa	ctctgtaccc	attaaacact	aactcgccat	ttctctcttc
22621	tcccagcccc	tgacaaccat	catttgactt	tctgtctcca	tgattttgac	tactctaggt
22681	acctcaaata	agtggaatca	tactgttgag	ggatttttga	tggtcacaac	ttgggatggg
22741	gtgctgctgg	tgtctagtgg	gtaaaggcta	gggaggccac	ttaacatcct	gcaatgcaca
22801	ggatggtccc	cacaagaaa	caataactaa	cccaaaccgt	caatcctacc	aaaattgaga
22861	aactctgagc	tagaaaaatc	ccatgagtaa	tcttacacca	tgagtatca	gtcaatagag
22921	actagttatg	ttgcaataag	aaaccacctc	caaatttctg	tggtttaaaa	caacttatat
22981	TTTTgctcta	acatggagca	tccttaatca	gcaatccagg	ctgggtgggag	ttccatcctg
23041	acctgggctt	ctacgatgac	tgaagcagaa	aaaggatcag	tgataaattg	tgcactggct
23101	TTTaaagctc	ccattggaag	tgtccaggtc	atTTTcggtc	acactttctt	ggccagatca
23161	aatcacagg	ccacatctca	cttcaaagg	aggaagggaag	tgcattttta	ctctgaggaa
23221	atacaaccac	cacacctagc	aattaaaaat	aaacctcata	gtgttatcac	ctgcttgaag
23281	tgctgatatc	agagcaagcc	taccagtagg	agtgggtgcag	gctgcagggt	tttgggttgg
23341	TTTTcttttg	TTTTgttttg	TTTTtgga	ctgcactcca	gccttagtct	gtcatgcagg
23401	ctggagtaca	gtgggtgtcat	cacagcttat	tgcagccttg	acctccccac	acaagcgatc
23461	ctcccacttc	agcctcctga	atagttgaga	ctacaggccc	gtgccaccac	gcctgggttaa
23521	TTTTTTgtat	TTTTTTgtag	agatgggggt	tcactatgtt	gcctagactg	gtcttgaact
23581	cctggatgca	agtgatccac	ttgcctcggc	ctcccaaagt	gctgggatta	caggcgtag
23641	ccaccatgcc	tggcctagaa	gctcattctt	attggccaga	agctagagag	tgatctaaag
23701	actccaagcc	aggccagact	ggtttcaagc	cttagggcta	gtgtattaat	gaatgagggt
23761	cgagcttcta	tggcatggga	actgaggggc	accacaacac	tcagcttact	caagggacca
23821	attctagcag	ccttcgaagg	agtctgaaaa	aggtagcctt	gaattagttt	ccgggtgaaa

23881	aatatattgtc	ccaattgaag	caagtactac	tagtgactgc	ctctgctatg	gaagcagggg
23941	ttacctgctt	acctgtgagc	aataggatth	cttgggggtt	atthttgcagg	aacatgtacc
24001	tccatgtggc	caaacaagca	gggttgctta	gatttgcacc	acaggatatt	aaagtggaaa
24061	ggaatcttaa	acatctaatt	gagggatggc	aaattgggtt	cattgtaagg	gtcacctctg
24121	accctttggt	tgtggctgct	aggagcactg	ggtgggaaga	attccgtagt	tttttccaga
24181	gagagacagc	catgcttcat	tagagagtct	agtgggcatg	gaagggaggg	ggtgagttgt
24241	tgtgcctgta	acaggattht	gccatcccta	gttctaatac	aacactttga	gagctgaggc
24301	tcagctccac	gagtgattht	tagaggctct	tcctttattg	cttttatgtc	accacatcta
24361	gaattaggtc	ttctgcttcc	aagaaagtca	gctgcctcat	taccatgtag	catagttaga
24421	ttccccatth	cacgtagaaa	ataaatatth	attgagggtc	ggccaagtgc	agtggctcac
24481	gcctgtaatc	cccgcattht	gggaggccaa	ggtggatgga	tcatttgagg	tcaggagttc
24541	gagaccagcc	tggccaacat	ggtgaaaccc	tgtttctact	aaaaatacaa	aaattagcca
24601	gaaatccctt	gaaccagga	gacggagggt	gcagtgagcc	aagactgcac	cactgcactc
24661	cagcctgggc	ggaagagaga	gattccgcct	caaaaaataa	aataaataaa	taaataaatt
24721	cacaaaaata	tttattgagg	gccacttggt	tttttagcac	tgaactagga	gccgaacata
24781	gagcagtga	tgaataggcc	aagtccttgc	tcttcttggc	cttacattht	gggggaggag
24841	acagattagt	aattattagg	agaattatta	gtaattatta	ggagaaagca	ggaaatthct
24901	gctttcatgg	gtgggatacc	agaaggtaaa	tcattatgaa	aggatattgt	gggacaagtt
24961	tctatagcat	agatgtatth	taggatgatt	ggggctgtgt	gttgtgagca	cgggatctct
25021	gaggcagtca	aagggcacca	ggaacctcat	ctcttaagac	gtgcatgcac	cgtaggctgc
25081	cgthttgtgc	cctcactctg	gccaagctcc	cttcttcata	atggccttht	cacttgctgt
25141	tctctgtctg	gggaagaatg	ctctttccct	agagatccaa	atggctcact	ccttcagtgt
25201	cttcaaactc	ctgtcaaata	tcacctaaac	agagaggctt	tcctggcct	ctagaggaca
25261	aagtagcaca	ttttctcacc	cacttaccct	gctcatcctt	ctttatagca	cccctacca
25321	cctgctgtat	tatttgthta	tcattcagct	ttctctctaa	aatggaagat	ctatgagaac
25381	aagaacctgt	ctgctcattg	aggtgttcc	ctagaaaaat	gtctggccca	tagcagggtc
25441	ttaatcaaca	atthgtgaag	gaaaagtgga	ggaaaaaag	ataggagaaa	gcaaactcat
25501	gaagaagagt	gcttgggtgg	ggtgggagga	gaagagggca	atggatccag	gccctacagg
25561	gattcactgt	tcaagcagaa	agtccaggga	aagccacatg	gcctccttca	atcgatgag
25621	ctggagctgc	tgacatcccc	tgcaacctgg	gagccagtgc	atgcaatgct	ccagctgggt
25681	ctaaggacag	aaggaggcta	atgaacagcc	accttcggag	caacagggtc	acttcagtcc
25741	tcctgtthta	cttccaagct	gctgagagtc	ttatgcacat	ttcctcttct	cacttgccct
25801	ttcacatccc	tagctgccgc	aggaattht	ggcttaatta	aagtgggaag	cagggtht
25861	acatgttht	ataaagttht	atthtccctc	acctctthgt	tggaagaaaa	ctcaaagtth
25921	aaaattctta	ggagcccagg	agttcgagac	tagcctggga	aacattgcaa	cccctctct
25981	acaaagaata	aaaaaattag	ctgggagtgg	tgtcccagc	tacttgggag	gctgaggcag
26041	gagaatcatt	tgagcccagg	aggttgaggc	tgagtgagc	catgttagtg	ccattgcact
26101	ccagcctggg	tgacagagtg	agatcttgth	taaaaataaa	gaaagaaaga	aacacctaga
26161	aaggacacta	gagataaatc	tagttcatgc	tccttgthtt	ctatgggagg	acactgaggt
26221	ccagggtcac	acaactcaca	aatggccagc	cgacggaaac	cctgtaagag	gcagagtgtg
26281	aggaaaagga	aggcacttgt	gataacccca	ctggtgggca	ggagctaagc	ctccataggt
26341	ggggaaggga	attaacccca	ggacacaggc	tccagtctgg	gggcttgaga	tgtcagggg
26401	acaccagtta	gaactaaggc	aggaggccaa	ggcagaagct	gtgctcctct	gcctggatgt
26461	atgaggggcag	cagaggaaga	agagttggca	aagcagccca	gaaacacatg	aagaggagga
26521	gtgaatgtaa	gtagagcatg	ccagagatgg	cagatcaagg	cagggagtta	aattgaagga
26581	ggcgggcgcc	gcgccaagg	gtgcacagtg	attcaaagtt	acagttgggt	atgggctgag
26641	gaaacagctt	tctgtthcac	tgctgtgaga	ggcaaccagg	ttgcaaggaa	aggaggcgaa
26701	gaggggaggcg	ttaacatgga	ggagtgaatg	tagacagaa	cttccagatg	ttggctgaag
26761	atagaaagga	gagggaggag	gggttgthga	gggagaaaga	agthaaagag	tathththta
26821	tatggggaga	tatgggagth	ttgggtthta	ttthtggtt	gtgagaatga	gctaacttht
26881	tataaaggga	ttaaagatth	tttaaaaaat	ttatctctga	gccttaggtc	tttcaactth
26941	aaaacaaaga	taaaaaatct	atgtctthtg	cttatgagga	ttaaaatgtg	aaaacacatt
27001	actccagtgc	ctggcacatt	ataaacacat	aatacatggt	agctaththt	aataththt
27061	tataaactta	tgtagtgtc	atctggaggc	ctaggaaagt	gttattgaaa	gtaththtaa
27121	tcttagtatc	ttataththt	catttatagg	gtatagtaga	ttaagaaata	cttcacgtat
27181	tttgaaagat	tgggctggaa	acatacccg	agaagcattc	ttthtathth	tcatgtacat
27241	gtggacatta	tacaththta	ttaagtthta	ttatatgagc	caaathccct	cctcatgggt

27301	gttagtagga	gttgacctcg	aagaagggag	gatttggttg	tggatttatg	actcacatct
27361	gcgaaaggag	taagggcgaa	taagaacagg	aaactctctg	ataagcaatt	ttactatggt
27421	ttcattttta	tctgaaactc	tgtaatccaa	gactggggta	acttttcata	ttttttaaaa
27481	atactttttt	ataggctgga	gtgatcttgt	gtaagcaagg	ataaatcata	gacgttagag
27541	agacgtttgt	ctctgtgctg	tttgggtcaa	attccatgaa	aaagagccaa	ggcagggggg
27601	gggggtggtt	gtcaggaaac	caagggatga	gatgtttttc	tttttcaaag	atgacacctg
27661	tgatgccaac	tagtgagcat	gggcgaacag	agcggaaagg	aattcgttac	agtcctaaag
27721	agggataaat	gcacatggtg	tcagattaac	tccagcgaac	agcctcactc	agtcctaaat
27781	actgactcaa	aagcatgttg	atttcagtgt	gagaaacaga	tgtgtaaagg	tgactttctca
27841	tgaagtcaaa	tataaagcaa	catgcctagg	tcttaaaatc	atgatgttga	gtgcaactat
27901	aagaaaaaaa	tgggcttact	gatataatgt	tattatgtaa	tttaaagcca	catttgtata
27961	tcaaaacaacc	ttgcctattt	ctacagagat	agttgttttt	tctttttttt	tttttcttgt
28021	gacaggggtct	cactctgttg	cccagcctgg	agtgcagtgg	cgccatctca	gcttactgca
28081	gtcttgacct	cccaggccca	agtgatcctc	ctacctcagc	ctcccagagta	gctaggatta
28141	caggcacagg	ccaccatacc	tggctaaatt	tttttgtttt	ttattttttag	taaagatgaa
28201	atcttactat	gttgcccagg	ctgatctcaa	actcctgggc	tcaagtgata	gaccacctc
28261	catctcccaa	agtgtctgaga	ttacagccac	cgcgcccccg	gccaagatat	aaagtttaag
28321	gacacatgtc	aaacatacta	gagagggttg	tgatgggata	gggaggatga	gtgtgagcat
28381	cacagacgag	ggaaaaagca	aaatgagaca	gcggcttttg	ccagatggac	aatgaaaatg
28441	tgctatgagt	taaagagcat	gattttttaa	aggagagaaa	tcttttagtc	attggtcttc
28501	tctttgttct	ggcttaatga	atctgtctgca	aaggcaaata	gctttcaggc	aaacttgctg
28561	tcctagtggg	aacattggct	tcaaggactc	ctcgagcggg	ttgggatggc	ttcctgaggg
28621	tgacaaagag	gagctgtgtt	ttcagccaaa	tatccgaacc	aggaccactg	cctgccgcca
28681	cgccccagcg	ggcaccctcg	ctttgtgttt	atctgtggtg	gctccgctcg	cccacctggg
28741	tgggaacccc	gagaatgact	ccagactttt	ccagggactg	catgccaggg	tatttttaca
28801	atttatgtgt	agactttgtt	cggttgga	agttatttta	tgaagacgaa	acaagcaatt
28861	ggggtaccta	ccttatggca	ttttttacct	tgagagtgtt	aaaaatacc	ctcccctaac
28921	caaaaccctg	acaaatagag	ccagggaagg	ccatgcaaaa	aaggattctt	gggcttgtat
28981	gcctgataac	aaaaaattat	cacagaagac	tgcaaaaaac	acaatccttg	acaaagccca
29041	ttgcaacttt	gcacacaaca	atgcttctga	aggatatttg	cccaacaact	gcctgtccaa
29101	cctgggcctg	gcctcacctt	tgttattgat	ctttgtagcc	aaggataatc	atttccaaat
29161	gatcatataa	tcttcctcat	tttttctttt	gtcttccttt	acctccgtga	atatgcata
29221	agttttactct	ggcttgccct	tttctattgc	aaggctctgt	ttccaaacga	atatcttttt
29281	cttgttgaga	gcctctctct	gtttgttatt	tagggtgaca	agagaaatgt	gaacatttga
29341	gagctcaggt	aaaaggcctt	agtctatagt	gaaacttttt	tgacccttta	gatgcttact
29401	tccactacaa	cttgccaggtg	ggccttgaaa	agttccttga	ataagtttga	gcttcgatct
29461	tgtccggttc	attttagcata	gatttctcaa	atgtggtccc	tggaccacac	gcatttagcat
29521	cgccctggaga	ttgttagaaa	tgcaaatcat	cgggcctcat	tccagaccct	cagctggaaa
29581	ctctaggggg	atggccagac	cctctgtagc	tgaacaagcc	atccagggtg	ttttgatgca
29641	gctaaagtcc	tggaacaact	aatgtagccc	catttgga	acttggtgtg	acaggcctcc
29701	ctagctggta	agctgctagc	attttttgtt	tgtttgtttg	tttggtttga	tacaggggtct
29761	tgctctgttg	accagaccgt	gacctcctgg	gttcaagcga	ggactcagcc	tcctgagtag
29821	ccgggactac	aggatgtgtc	caccaccatg	cccaactact	ttttgtat	tttttttgta
29881	gggatggggg	tttagcccg	gctagtctca	aactcctgga	ctcaagcaat	ctgcccactt
29941	tggcctcacg	aagtgtgtgg	attataggca	tgagccactg	tgcccggccc	tgccagcttt
30001	gtataagctg	aggagtctta	aaaaatacct	agactcaggg	caaaccacag	acacttaa
30061	cagattctct	gggaggtgaa	gccagggcac	tggtattttt	aaagtctcta	cagatgggtc
30121	taatgtgctg	ctaagttaga	gaactgtctga	tctagaccag	gccttttcaa	acttaatgtg
30181	cacgtgaatt	acctggacct	tggttaaaatg	cagattcagt	ctgcataggg	ctgggggtgga
30241	gcctgagctt	ctgcattttt	aacaagtctc	tagaggatgc	tgctgcatct	gggctgctaa
30301	ctacacttgg	agataggagg	ttctggagag	cagaggaaa	agcatgaacc	ataacctagg
30361	ggctggtagt	cctgacttcc	aagccaaggt	ttgcctttat	gtggctggca	acttgcttgg
30421	actcctacct	caattctttg	ggcccaaggt	ttgtcctgcc	tcagaaggat	gtcaagaaaa
30481	ttgagtgagt	aatgcagaat	tgtttcttaa	agtgtgtgca	gatgtcccat	gaatttagag
30541	agtatgtgga	tgacacattac	taaatttttaa	tagttgtgaa	catgttggtta	tgagtactta
30601	gaacaagtaa	taatggcttt	tgatgtatag	cagtaagaaa	gcttcctttt	aaaagacatg
30661	tattttaagtt	tcaaaagtgg	ggctatttaa	aaatatatga	aataaataat	agtagaggta

30721	attgacagag	caaaattatg	aaggcaggat	gagaatgact	caacttttggg	aatgctgag
30781	aaagcagatg	cccaagggct	atgaaaactt	aaaaaatagg	tagcacttga	ttttgattgg
30841	ctgaatgaga	tgatgtgttt	gatcatttat	ggggttggca	tttggcaaca	tgcactgggc
30901	ggctgggatc	actgtttatt	aaaaaatatt	tgagtatcta	ctttgcacta	gatactcttt
30961	tagtctcttg	gaaaagggat	tggggcaggc	aggataaaaa	caaatcattt	atgccacaaa
31021	gaaaattgca	ggaagataaa	agtcatgaaa	taaactctgt	gcttctaatt	taatattttt
31081	ttatagatta	tgagaaaaac	ggtttgctca	ctatcagcta	ggaaagctgt	cttagcacaa
31141	ccattcattc	ttgcacaaat	caaaatcaag	acaagccaga	tgtaatat	ttttacagat
31201	tatgagataa	aagttcta	ttaatttttt	tatagattat	gagaaaaaag	ttttgctcac
31261	tatcagctag	gaaagctgtc	ttagcacaa	cattcattct	tgcacaaatc	aaaatcaaga
31321	tgagccagaa	ggctccattc	tgacagcttc	taatggagaa	gctacattta	ctggacatgg
31381	ggaaagtgc	tgggctctaa	ggactgtgct	catttcttga	actagataaa	tggctcttgg
31441	gtagcataat	accaaaactt	cttgctgcag	cccgtaggga	cagaactcaa	tcagcctgaa
31501	aaggaagtca	gtgactccga	ctcaacacag	gaatgttctg	tgattcctaa	agaaggatgt
31561	aggagtgtgg	cacaattcaa	ccacagtctg	tggccctgtg	cctctgcctt	gacatgagtg
31621	ggatttccca	gctggtcatt	ttcttcttat	ctaagacatt	gggaacaaat	tacttgacct
31681	cctctgggct	tcagtactcc	cactcatcaa	attagaggac	tgggcagtcg	ctaggctctc
31741	tttaggcata	atatttttagt	ttctgtgatt	ttaaatttga	gaaggggtgt	ctaagggaga
31801	atacataggg	gagggggaaa	ggcttatttaa	aagtgtagtt	agacactgaa	tttttaagaa
31861	ttgcattttg	taataatacc	tttaccta	caggactgac	agtcttacct	gatgatagca
31921	cctggaggaa	tggctgcatt	caaaaataaa	aatgaaataa	aacaagacct	tatttgaact
31981	tagcaataat	gctgattcct	cttttttgatt	tgaggagggt	atagctgttg	taaatgcttg
32041	aattggttct	gccagggcaa	aacggagtca	agagtccatg	tctgatgaat	tttaacaatg
32101	tagacaataa	aaaggggtgc	ttaaactgcc	cctcttttac	caaacacat	ttacaaatga
32161	aagaacaaca	cttccatttt	ttaaaaacat	tttttgagat	gaagtcttgc	ttgtcaccc
32221	agagtggagt	gcagtgggtgc	catcttggct	cactgcaaac	tttgcctccc	gggttcaagt
32281	gattctcctg	cctcatcctc	ccgagttagt	gggactacag	gcgcccacca	ccaatcctag
32341	ctaatttttg	tatttttcagt	agagacaggg	tttcaccatg	ttgggcaggc	tggctctgaa
32401	ctcctgacct	caggtgatcc	gccgacctcg	gcctctgaaa	gtgctgggat	tacaggcgtg
32461	agccaataca	cgtggccaaa	aaatttccat	ttttaattgc	agggtctggg	gaattaaaac
32521	gcatccataa	tttcttgcat	ctctctgctc	gggcttgcat	gaatgcagag	ggatggggag
32581	gacttcttga	ggcaagcatc	cccctcttgt	cgcttgccat	ctggagagag	agggtctgtg
32641	tttatctcac	tttaatcagg	aaggaccgga	tgggtggatg	gagaggtctg	atggctttgt
32701	tgttccatgt	gggaaagaaa	cggacagagt	gaatttgtgt	atgatcccta	aggagaaagc
32761	gtctttgtgc	tctatttctt	tttgacctgg	agcccctgaa	agcaagctag	ttacaagttg
32821	aaataggccg	tttctaaagt	gtgattttgt	ttgtgtatga	gccttgatta	caaaggggga
32881	aaaaacccgc	ttaattttaca	tacaccagat	gtagtgcagg	atcccctggg	ctgtcttttc
32941	aggtatcagg	aaactttgat	gaaagtcgct	tgtctcatct	aggagtcatt	tcatattgtt
33001	tagcagagcc	tggatattaac	atttccttcc	aactgtttac	tggaatctgt	gtgttccctt
33061	caagtgatgc	atactaggtg	cacaggcgct	ctgccactgt	catcctaata	tttccgtgca
33121	gacaggagca	gaggggagag	cgctgagcca	ggccccagct	tgtttttctt	tctgactca
33181	gcccggctcc	gctgcacttc	tcagctcctg	ctgtaggtgg	tgtgttttga	ccattttctt
33241	catgtgacct	tccactcggg	aatataaatt	cattcggagg	atgacctgat	atcaaaaaaa
33301	aatccttttg	attagtagaa	tcaacttatt	tcttcacacg	atactcttcc	cactgagaca
33361	catggagaca	attctgactc	caggtttgca	accttgagat	ttctctcaga	tgcaataaaa
33421	aaaacaaaaa	agcattttga	gtggcacagt	gatgcctagt	gcatgatcat	gtttgtctgc
33481	tcaaacataa	aagggaaact	ggtgggtttg	aggatgcca	gcagcacgac	agctgccaat
33541	gtaaatgagc	ggtatagaga	gagagggggc	gggaggggac	tacaaacttc	agaatatgag
33601	ctgatcgttt	ataaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	gtcaaaaggg	agcccaggat
33661	ggtgcaggaa	aaaggagaaa	ggaagatttt	ccttgcagct	aatcaggaga	gttcataagg
33721	gctgattaca	tgtgtggaag	ccttaagttc	ttttttttaa	aaaatgtgaa	agtttgcattg
33781	tatgtatgta	tgtatgtatg	tatgtatggc	ttcgtgtatt	accattatta	ttgcaatcag
33841	caaatggatt	tacttccttt	atctcatggg	ctccttccca	ctcacttttg	gcagcacatt
33901	ttcctttctc	cttcatccca	gaacacccaa	gaacagatgc	gcttccta	cctggctcca
33961	ggggacttta	tacaatgtaa	acagtgcacc	tctaactgtg	ttcaccgctt	agagaatgtg
34021	tgtcccattt	taaaactgtg	actcctttat	attttgcagt	gcttatttta	ataagagaca
34081	ttggacttgt	gacttatttt	tcatggagga	gtgagcttaa	tggttgaaag	taatcgataa

34141	acttggtttt	cctctgatgc	catcagccaa	gatcctatgg	caatagtaag	aggatgacac
34201	tggtgctggc	ccccctccat	aacatatttg	gaccattttt	ttccccaga	atgcacatgc
34261	aatagctttg	gtttggttaag	agagagatgg	tgtacttggg	ttccttctgt	cacacttttg
34321	gtgaaatgaa	ttagactttt	aaatcaggaa	attcagcgag	atgagttaga	tttttacaca
34381	agagcaatgg	aggacttcca	gctggttggg	ggaatgatac	ggaaatatct	tgctaaatca
34441	gggtctggtg	gaatgctgct	cccctggcag	gctcctcttc	acagggagca	atctgtgggt
34501	tgcttataga	acagagcgag	caggaggcat	agcatgggtc	tgctcgtggg	aagaccgggt
34561	gttcagatgt	ctgtcattag	gaactcgggt	tgggcttttt	caagctaaac	tgaagcagca
34621	gttctattag	gaagagcctc	tcagagcagc	atcttctgtt	tctggatact	ctccctttga
34681	aaagccagat	ttcagcaaaa	agctttgcta	atgggtgaaat	tgcacaactg	aaaccctatg
34741	ggagcaatgg	gaaagatgga	gaaagagggt	gttatatcat	gtacttcaac	agtttattta
34801	gaggctgttg	acattagaat	aacaagccaa	gacaaacaaa	aatactcatt	ttggatgaaa
34861	atattgtctt	ttcatgttat	tatagatagc	tgagtcctaa	gacttataca	gaaacacatt
34921	ttcctaataga	gtggctgatt	tttctgggtt	tgcaagtaat	atccaaatta	ttgtaccaat
34981	ttttgtctca	ggagcaaata	ttgtattgca	tattgagcta	atcacttgcc	ctttctaagg
35041	taagccctta	cctctgcttt	cccttcatct	tgctattttc	gtttgttggg	tacaggtttc
35101	ctgttggttc	tttctgttgg	ctctaattgta	acatgaatga	agttcttaac	atcctttcag
35161	acataaacac	aacttagctc	attgtttctg	agttcatata	gaggttttct	tgccctgag
35221	actttcatgt	cagacagctg	gatgttgctg	tgttcaaggc	tctatatgtt	gattttgtat
35281	cctacaactt	tactgatttc	acctatcagt	tcagttctaa	cagttttcaa	attttattta
35341	tttgtttttg	ttttttaaat	attgtacgtt	tcattttaga	gtcaggaggg	tagatgtaca
35401	ggtttcttac	acaggtatat	tgcacgggtg	tgaggtttgg	gcttctaatt	atcccaccac
35461	ccaagcagtg	agcatagtaa	tcgacaggta	gtttttcaac	ccttgctccc	accatccttc
35521	cctcccacct	ttggagtccc	ccagtgtcta	ttgttccctt	ccttggtgtg	agttctaacc
35581	tttttttagt	gaagtttgta	gggttttcta	tatataacaa	gatcatgctg	tcagtagaga
35641	caatttcact	tcttcctttc	ctattaggat	gccttttatt	tctttctatt	gcctaattac
35701	cctgagaagt	ggtgtctgtg	ggcatccttg	tcttggttct	gatggtagag	gagaagtttc
35761	aacttttcac	cattgattat	ggtgttagct	atgggtttgt	catacatggc	ctttattttg
35821	ttgggataca	gtccctcaat	acgtgatctg	ttgggtgttt	ttttttcacc	atgaaagggg
35881	ttcaaatttt	gtcaaaaagc	ttttctatat	ctattgagat	ggccatatag	tttctatcct
35941	ttatttttct	aatatggtat	attatatgta	ttgatttgct	tatgaacct	gacatgatcg
36001	tggtgaatga	ttctttcaat	gtgctattga	atttggtttg	ctaggatttt	gttgaggatt
36061	tttgcaccta	tgtagatcaa	ggatattggc	ctgtaatttt	cctttcttgt	agtgttcttg
36121	tctggctttg	gaatcagggg	aatgctggcc	ctgtaagatg	agtttggaag	tattccctcc
36181	acttcagctt	tttggaagag	tttgagaagg	actggtatta	gttcttctta	aaatatttgg
36241	tagaattaat	ctgggaagcc	atctggtttt	gggtttttca	ttgatgggag	acattttctt
36301	actgattcaa	cctccttgct	tgtctattag	ctgttcagat	tttttaattt	cttcatgagt
36361	caatcttggt	agggttttac	tgtctgggaa	tttatccatt	tcttctagat	gatccaattg
36421	gttagtgtgt	aattatacct	aggagtttct	taggatcctt	tgtatttctg	tgatattggc
36481	tatgatgttt	catctttcat	ttcagatttt	atgctatatt	gaaaacatga	ggcatagcag
36541	gtagggggca	ctggtcagga	cttggggtat	aaactggcag	atgttaagg	gggtgattct
36601	ggttaactca	gaaactccaa	agtcccgtgt	ggaagaatta	actgcctgta	ctcgcctagt
36661	aatgtatatc	cttggtcaaa	aaaagatcca	gctgagaatg	ttggatgaag	ggaccaaata
36721	aatattcatc	attatgttga	aaacaagtca	gattggctgc	ggtcttttga	cagcagggtca
36781	gtggctaagt	ctatttgaac	aaagttaggg	caggttcaag	agagaatcct	gagatcggta
36841	ttctttgttc	catacaacct	tgcttttcag	tttcttctcc	ccatgcctcc	aggatgtccc
36901	tgcacagccc	gtagggcccc	ctccttcagt	accttgccct	acgaagggga	gaaaatgagt
36961	tttccaatgt	tagcatatat	ttagccttcc	aaaatttcta	ttttagggga	gctctaggaa
37021	aacagcagat	tactctaaat	ccccaggtaa	aaatctgaaa	tggtggaatt	tcatacgacc
37081	aggagacata	ttttggggca	agtgggcttt	tcacaatcac	ttggacatga	aggcatctgc
37141	ttcttctatg	cctaaaatat	tccttcaatt	tagtagttta	attcctcttc	ctctttttca
37201	gattttcaaga	caatacatgt	actgactgaa	caatttggat	ccaagtttca	ctgttttaact
37261	gccagtgtga	ccttggggcg	gtcacttaat	cttttcaagg	ctcaatttca	tcatgtaaag
37321	tggaagtaca	aacaatccct	gacttacaat	attttgactt	atgatttttc	aactttaaga
37381	tagttttgaaa	gcaatacaca	ttcagcagaa	gctgtacttt	gagtacccat	acaaccattc
37441	tgttttccac	tttcagtaca	gtattcatta	tattacatga	gatattcaaa	gccactttta
37501	ttataaaaatg	ggcttttctgt	tagatgattt	tgcctaactg	taggttaaatg	tgagtgttta

37561	aggtaggccg	agctaagcta	tgatgttttag	taggttaagt	gtattaaatg	catttttcagc
37621	ttacaatatt	ttcataagtt	tatttgaata	taacccatt	gtaaattgag	gggtatttgt
37681	agtaatgata	tctcttcaag	gagactttgt	gagcctctca	taggaaaatg	catacacaga
37741	tgcataataa	tatataatct	ttcttttcca	tacatatgat	attctttaag	gatattcaaa
37801	aatctgga	cagttgcctc	cagggagata	aatggtagtg	ggttgggaaa	cttttaactg
37861	tatacgcttt	tgtacctttt	gcattttgaa	tcagatgaat	gtataatcta	cataaaatat
37921	taagattaaa	acatcactga	ataacttatc	aggagtttgg	tgaacataag	ggaaggccac
37981	ctatggtggc	tgtattttat	tcagtgttgg	tcactgttgg	gcacttcata	gagcttattt
38041	cattttcatcc	tcacaagcgc	cgtaggagga	aggggcccc	gagggattca	tggttagaat
38101	agcagagtag	gagcatttgg	cagctatatt	ctgtgtaggt	gataacttaa	aagatatttt
38161	tgttataaaa	tgtttcaaac	atacaaaaaa	tatagagaag	cagttttcta	tagttattaa
38221	atattcttaa	aatattctta	atgggtagtc	atagaaatta	tcattccaaag	tgggatattc
38281	ttgagagaaa	aaggaggttc	tatttataat	tatggtggga	taacaaactt	aagatgaaca
38341	gctctagaca	aactgggttg	tatggtccct	ggaaaacaag	gattactgta	aatgtgagtc
38401	ccgccttgtg	cttctctctg	ccccaccaag	aaaatatgat	cttgatacag	atgttcattg
38461	tgtcaaggca	accatggcaa	ccatgatcta	gatacactgt	tcaagtttta	tgctgatcct
38521	acctatatat	gtctcaggag	ctttccagag	tttcctttga	gtgcttctaa	attttgcata
38581	aatggtatgt	tgtcccttgt	ctctttttta	aaccagtaag	ccattttccc	ttattttcct
38641	ggaaaattaa	aggaacaagg	accaggaaat	aacaatgtat	tagctaaggt	tctgttgatt
38701	gaaagcaaca	gaacctaat	ctggctagct	taaacctatgc	taggatttaa	tgaagaatac
38761	tgcagaatct	tagatatctt	atgactggga	aagaggaggt	tcaggcagtt	cctgagatgt
38821	cagcaacagg	tagctgtcaa	ttaactgccc	ccacaccacc	cactgctgcc	gtcatcaata
38881	tagcacacca	caatggctcc	cagcctctgt	acgtctgggt	tccggtgttc	aaattctaga
38941	gacagcaaga	gaaatcccat	tgagtcaggg	atccttccct	gggtcaccct	ccctgcctac
39001	ggtcagaaat	gcaggattat	gtagtaaaga	cacagctaaa	gaggaccac	ttcactgtat
39061	tgggaccatt	tgcaaggagg	gcaaaattgt	gagctacgca	cttaaagagg	tgataaccat
39121	aagtttgcag	gaaaaaaaaa	attggagaag	agaaggataa	cactatccta	cggtttcttc
39181	tgaaaatgga	cgaagggaac	agcattttcca	tttgaaaatt	ctctcctggc	atttcaatat
39241	ttatggattc	tgaattctga	gaaaaatcag	ttgagaaatt	aggaaaatgg	gaaggaacat
39301	tctaattttc	ctgtgagaat	tacagcttaa	tagtcagtat	agagaactta	ctggcttgaa
39361	gaaatgcact	gacttcaagt	caggcaagat	gaggaagcgc	tgacatgtgg	agatgaaagt
39421	taaggtgaac	aggacaggag	cagtaatgga	gcctcagtca	gactttcttg	tatctgttgc
39481	tgtgttataa	gtgtgtgttc	atggccttgt	ccactgctaa	cagtgaacca	tttctgcaaa
39541	taaatattaa	tgtgttcata	ggcatagtat	atgttttaca	aatcctatga	gaggtgttct
39601	aagaaatgcc	aagtttttaga	aacaaaatat	gcccttaaat	cggcaatttt	gacagttgct
39661	tcttttctagt	gctattcatc	ttgccaggag	atcagaatgt	tatgttattt	aaatggtatt
39721	ggaggggatg	attgatgcct	tgtttaacaa	tgatcatgta	acaatgatta	aagcattaag
39781	tatttgtggg	gttacctttc	aatcttttaa	ggacttttct	ttagcattta	ttttgtgata
39841	atattcattt	cttttttaatg	ttttctctat	taatgctatt	ggattttata	atcttggtac
39901	aatatgttgg	ctcataataa	taaatcatca	tttgttatca	tatcttttta	aaacagaaga
39961	ctactaaaac	ttttcatata	atcctgttac	agaaaaaac	gactatttgc	ttgttattat
40021	agtcacttat	tattttttcaa	aaacttgtaa	gtgaagtgtt	atgaaaatca	tatgaatttg
40081	ggagttccca	agcatttctca	gaaattctat	ttccttgttc	ccaaatccca	atgattaata
40141	tctgccagga	gtcggaaaac	agtgaagga	agtaacatcc	tatgttggat	acctggtagg
40201	gttagtgaag	aaacgttatt	gctgagctct	gtgttacgct	cacgaatgat	gccattgagg
40261	aagtcacact	tgttgaaagg	aacgcagata	cacaaagagt	tttgctgctg	tctgttggat
40321	agaaccccc	tggtcgattt	cagctcctac	tgcaagttag	aaaaatcaat	ccaatgataa
40381	atgaaaagtg	accagtgtgc	tgggaaataa	cttatttttt	ggcttcagag	gaaatttttag
40441	aaacagtgcc	aagtgaacg	taaaaacaaa	ctatgaagac	gttcatgaat	ttccctctga
40501	agctgacagc	cgtatttttag	cagatggaac	tcctactatt	agcccaactc	ttgggttgaa
40561	acagtgtgtc	caggaaaccc	tatgttaaaa	tgcaatgtgt	tggggatatt	gttcctctat
40621	ttgcttgagt	taattttcaa	attagtgtac	tcttgcttag	ctgtgctctg	agggaatgaa
40681	caaaagattg	gtaaaactctg	atggagaaca	ctggtcaggc	agggcacata	gaatccctgg
40741	ggatggtggg	tcctgacaaa	tgggggagga	ggacctgagc	cagggttggg	ctgggctgga
40801	ggaacatgaa	gatgggatct	actcacaacc	cccagaactg	aggggtcctg	ataacacatt
40861	atttcacccct	cagccatgca	aattcattat	ttttatggat	aaaatagctt	taaaaaacta
40921	atttacattg	aaatgttaaa	atattttatat	agagattatt	gggaatcccc	tcctaaagcc

40981	caaacataaa	aactaccaa	aaaaaaaaa	ttccgtgtcg	gctaagattg	caaatgactg
41041	atggaatgta	atttaaatta	aacatggaaa	atatatttcc	tctttaataa	agatctaaat
41101	tctatttcttt	ttaggagcct	tcagaaatga	aattcaacta	ttaaaaaaag	tatagagaag
41161	ccttttagaaa	agaaactttt	cttttgctgt	attatataat	aaagaacttt	gatgagaata
41221	gttctaaagt	gtttaataat	cgatcacact	gatgtttcta	ggtattgtgg	ggaacaccta
41281	gaaattaaat	cttcatcttt	ggcagatcag	aggcctatta	tttttaggta	aaacaattaa
41341	aatctgcttt	taataaatca	caaattttgc	aagttagcca	ttaatagtaa	gtgcttttca
41401	aagttgggcc	caatacatga	aaaagccaga	aaaacatacc	tgcattagtt	ttgcccata
41461	ccttcttatg	ctggcctcag	gagattttatt	aacagcattc	aatatttttag	gtaggctgga
41521	tgtggtggct	catgcatgta	atcccagcac	tttgggaggc	tgagggtgga	ggatggcttg
41581	aggccaggag	ttcaagacca	gcctggtcaa	cctagtgage	ccctcgggtc	ctctgaaaag
41641	aaaaaaaaaat	ttaggtatcc	tgtggctacc	tccaaaaaca	aactccagag	gaactgaatt
41701	tttttttttat	ttcatgtgtt	gggataatgg	cttcttttgc	agttacttac	gaagaattta
41761	agggtcagta	aaaatatttt	ttcatcctta	ataacatgaa	ttctctaatt	tgtatgtgat
41821	ataatgctag	atattgtgcc	aaaagtgtta	catagacata	atccgtgccc	attttcaaag
41881	ataatactaa	tatagagaat	aagaatcatt	attattgtag	taattattat	tttagtaata
41941	gtagtaataa	tcaaaacaat	tacatcaaac	acttattaaa	cccttattat	gtgacaggta
42001	ctgttttaagc	aattttccaca	tattagctcc	ttaaagtgtga	tcactaactc	catgaggtag
42061	gtagcattat	gtccatttta	tagatgcaga	aactgagctt	tgaagaggga	aagcaacttg
42121	cccaaggcca	tgcaggcagt	cattgataag	ggtgggaagc	gagaagttga	agtctgagat
42181	gtaagttcac	agacacgagt	acgcaaacac	gtacaagata	ctcgtatgac	atgtgggggt
42241	gcttgaaata	tghtaattgac	tttccccagc	acaagaaagt	gtttggacag	atttcaaagg
42301	gatctaacac	ttccttagag	gactgcccta	cgacattttt	ccgtgtgctt	ttctgcctct
42361	tgtcctatac	ttttggcatt	tcttctgctc	ttagaggcaa	tgagtcaaca	gcatattttt
42421	agcacctcct	gtgtgcatag	aagtggcccc	tgactcaatg	ggagtgtata	actaccatgg
42481	gccaaatcag	cgtgctttcc	tgtcagccag	gggattatag	agaacacgc	tcccctgatt
42541	ccaacagaac	ttgctgccac	tctgatgtct	tcattgtaag	gcctctaaat	gaatgttcca
42601	gaaattcatg	ttaaaggcac	gtgtcatatg	tgtaacttgt	aaacatttgt	gtacttgtct
42661	ctgtgtcctt	acacctcagg	cttcaactct	tgtttttacc	tttatcaatg	actacctgtg
42721	tgctgtgtgg	ctttggacca	attgtctacc	ccctctaaag	ctcagtttct	gcatctgtaa
42781	aatggatata	atgccatata	tacatagata	tagatataca	tacacaaata	tatatataca
42841	catatatatg	tgtgtatata	catatatata	taatatacaa	actgaaatat	atagttaa
42901	aaatatattca	gtttaagttt	caaaaatcac	tggagggtat	ttttataata	cccttcggca
42961	atttttacctg	ctgcctttgc	acattctggt	gaatttctaa	atggaagtct	gatagagatt
43021	aatcttttaa	tgcatacata	ataaaaaaat	cacagaatga	tgtagctgga	gaggacctg
43081	gggatctaaa	gtgtttcatg	aaagattaat	gtccttgatc	tgtttgtaag	tgttttggaa
43141	aaatcttcca	tgggtcaaata	aaacttggca	atgttggatt	aaagttaa	aggtttttt
43201	tcctgcagaa	cttcatagtc	tttaatatgc	taatgtgttt	tgtgaatcta	caaggaatga
43261	agtgtttcaa	tacttatttt	accagatttc	tcattttggg	acaggctggt	caagctgagt
43321	cagctagtat	attctctaga	tggagatgat	ggctgatgcc	tttttgagag	caagagagtc
43381	cccaggggaa	gcaagggtat	atcagttgct	cctatttcat	gccaaggatc	ctcagtcctt
43441	agaggctcag	agaaggctga	aaggctactc	taggctatca	gggctaccat	tcattgtgac
43501	ccatgctaca	gagaagcttt	gagctcagt	caaaggagt	accagccctt	gagaatcagg
43561	aaaatttatt	tattcctgac	ctagtccact	gaggacatac	aaggaatggg	gcaggggagg
43621	gtcaccagct	atggttacaa	gctagtctga	ttctctttca	ttaagaaaac	tggtccctgt
43681	gagtttagat	tgggaagcac	caggttaaaa	aatttttagg	ccaggagtgg	tggccactgt
43741	actccagcct	gggtgaccga	gtgagaatct	gtcttaaaaa	aaaaaaaaaa	aagttaaagt
43801	atgtcttctg	ttgaggacct	ctcagaactt	ttaatatgaa	agtgtgcatt	gtgaagaatg
43861	ggagtagagt	gtacaggagt	tttaaaagct	acttgggtcat	gaaactcttg	ctttgtgcag
43921	gattcgaggg	gcactaacat	tctgaggaaa	atattttggg	aaacattgat	ctaataccaa
43981	cttctcattt	taccagcaaa	caactgtggg	gccctctaag	tttcctttct	ccatcattgt
44041	gacaaattca	ttggaattaa	ttcaattaaa	cctgggggtca	gctttgaaga	gatttatatta
44101	gcaggtaaat	ctgttttgta	catttttgagg	gagttctgag	tttccatagt	caaaaaccac
44161	agatcaattt	aaccaacctt	tatggaatat	cacctatggc	ccaaagaccc	tttagctaca
44221	gtgatggtct	acgaaaatat	aaactgta	tcttgcaata	caggagatta	gtaataatgg
44281	taaatataat	gatgatgaca	ccatgaatag	ctaacattta	ttgaatgcct	ttctattagt
44341	caggcacttt	actaagtatt	ttaatcctcc	caacaattta	tgaggtaggg	attataataa

44401	ttcccatctt	atagtgagga	cactgaggtt	aggaaattat	cctagcctaa	atgttaagta
44461	taagcatgaa	tagaaaggtg	ttatcagcct	ataagacatt	cctttatgag	tgatacaaag
44521	tcctatataa	attcagagaa	aagaaaagtg	gttttagaaa	tccttgatca	gtgagtgtga
44581	agcacgtggt	ggcccggtta	ctgtttggtt	gcccatctgt	cctccctctg	gggatcagca
44641	cccccttact	ttggaagaat	tgttttcctt	ttcactgtaa	gtttccttct	ggctatgcgg
44701	tggggcacat	tgccctcaaac	tagccctgtt	ccagtctttg	agaaccttga	aattggaacc
44761	aagggaagag	gattgcctct	tgaatagtaa	ttctctaaaa	tctagtctga	ggtgctggtg
44821	cctaatecct	gggtctgttg	aaggagctgg	gctgtgagag	gggagaatga	tgttgatgtc
44881	aagagagagg	caggtgctag	gagcagagag	atggaggcct	ggagggtttc	tgggcttctc
44941	tgaggcttag	ggtttgatc	attgtcttcg	ttactggaac	aaaggattta	ccatacctgc
45001	tcttctggga	atgaaactgt	cctgctttgc	aaaatgaagt	gtcattagaa	agagatctta
45061	aaaaccccac	accatagaca	ggtgcacaga	tccctagaag	tgttaaagtt	ctgtctgttg
45121	gatgctaagc	caagactctt	aagtatgttc	taaagagaaa	ctgggtgtgtg	taggctgtgc
45181	actcccaggg	agataaaaag	ttaggaaactt	tatgggttgg	gcttgggtggc	tcacacctgc
45241	aatcccagca	ctgtggggagg	ctaaagtggg	cagattgatt	gagctgagga	gttcgagacc
45301	agcctaggca	acatggtgaa	accccatgtc	tacaaaaact	acaaaaatta	gctgggcgtg
45361	gtggcatgta	cctgtaggcg	ggaggatcgc	ttgagcccaa	gaggagagag	gtgcagtgtg
45421	ccatgattgt	gccactgcac	tccacctggg	tgacaggaac	tttatgggga	atgggatctt
45481	ggagactgag	tagagactag	aggaaaaaaa	aaaaaaaaaa	aaaactacct	ccccgactgg
45541	ccacactatt	ctatttaaaa	aatgttaatt	gacaaattaa	aattgtatgt	atttacggag
45601	gtataatgtg	atattatgat	atatgtatac	attgtggaat	aattaaatcc	agagaattaa
45661	tagattcatc	acctcaaaac	ctatcttttt	tgtggtgaga	acatttgaaa	tttattgtct
45721	tagcaatttg	gaaatacaca	atacttcatt	gttaactaca	gtcaccatgc	tgtgctgtag
45781	atctcaacaa	aatataattct	tcctgtctca	actaaaacat	tgtactcttt	gacaacattt
45841	ccccattcct	ctcaccccct	ccaaaaacac	ccattcttta	tgttgagag	aatggctaaa
45901	aagtcccagc	aggtttcaac	tgacggcttc	agtggttgtc	ccatcacact	tcaatgttat
45961	taataaaaag	gggaggggca	atacataatt	cggacaggct	gaaagtacca	ttgtaaccac
46021	tttcttgact	tcacagaaaa	agtcctcttg	ttttcatctg	taaaatggga	actgcgtgaa
46081	taccattctt	cttttcttca	gcctccaaag	gaaaaacaga	tgcaaagcct	tttatcaatt
46141	gcaaaacagt	atacaatgtg	tgttattact	cacagttgtc	ttactgtgac	caaacacttt
46201	ataagcctgt	ggcaagtcag	ccttactctc	aggaagtgga	caatatttgg	ggaaggagaa
46261	gcagcaggat	atttcaggac	agtagccttg	gtgggtccaa	aaattccttg	agagaaatgg
46321	gagatagaac	tttcttcctg	ctttgggttt	tatcctgtta	gtcttttctc	tcttcaactc
46381	tattttctat	ggagaatttc	ctggtttttg	agtttggttg	cgtttttatg	agaggaggca
46441	gaaaatcttt	agctccagca	gaatgaaagg	gtacatgcaa	agaaacctag	cacagtatct
46501	ggtacccagt	tctcctttta	cttggtctta	ttcattcact	cctggtaggg	cattaataag
46561	ggatttagcc	ccctcctact	gaaaacgatt	aattcagggg	agagttcaga	cagtgtggac
46621	agatacagtg	taggccaagc	ctgtttctaa	ggcaggagct	gggtaggagg	ggtgagaagg
46681	gcgagaagaa	tagggaaata	tgtgtcgtct	gtgttgctgc	tggtgcaacc	accacaacaa
46741	acaaataagt	gaaaaaaaaa	aaaaaaaaaag	aattgtccat	accggaaagt	gtgctgtttt
46801	ggaggaggct	ggggcaagtg	tggatggctc	gagtgggtcc	tgttggattg	aagtctgaca
46861	gtggtgattc	ccttcaacaa	atggtcgggg	tgggagggtg	cacagacaca	cacacacaca
46921	cacacacacc	ccacacgcag	cgcccggcct	ccgatttcag	cgctggcagg	agataaccat
46981	tcttagctcg	cctttccagg	gttggttttt	gctgaggctg	ttcgctgatg	gcaaaagggt
47041	tcagccccct	cgcaaattcc	tccagtcct	tgttctaaag	agaaactggg	gcgtgtaggc
47101	tgcgcactcc	caggagagaca	ggggacgggc	ctggcgccgg	agaggagccc	gcactctgcc
47161	cgaagtctcg	ccgcccgcgc	gctgttttct	ggcggagggt	gcgccccgga	ggcgggcgag
47221	cgcgggtgga	ggctgcggcc	aggcgcggtg	ggaggcgctc	ccggggtcgg	gctagcaggc
47281	tctgggatcg	ggcttgtggg	acaccccgaa	agtgagtcca	acttggggag	aaactgaggg
47341	cagctcgggc	ggtctggcag	cggagaaggt	ggcggggaga	aaacttggca	gcgaggcaga
47401	agcgatccct	gccgagggag	tcagcgagcg	gccgcgcgga	gaggaggggc	ggcggtccc
47461	caggcgggcg	ggtgcagggc	gcggggcgcc	gacctgctgg	agaggggccc	ggcgcgagg
47521	cggagtcctg	gcgcgcagcc	aggctggcgg	aggcccccg	ccggctgcag	attccctccg
47581	gccccgggag	ccgcagcagg	accggccggg	aggcgccgcg	gaggggagtc	gcaccccggt
47641	gcggacagtg	cccaccgcgc	cctgcgagga	ccggcgaccc	accggcctct	tccagggccca
47701	gcgcagctac	ccgcccaact	tcacccggag	cgcgctgtcg	tccgtcgacc	tgcgcgaccg
47761	tcagggccgc	accacggggg	tgggcagcga	cggcaggtac	ttcggcagga	cggccgtcga

47821	ggtcggggggg	ccgatggccg	cgccaacgg	ggcgagtgtc	cggatgcccc	tcgcttcccg
47881	ccgcgcgcgc	gccgcgccct	ctcctggccc	ttgtccgcct	gctgcctccg	ggcccagctg
47941	ggaggccctt	gcccggtttt	gtccctcac	tccgcgtcc	tcaccctcca	gcgccccact
48001	cccgcgcgc	tcgcagcctc	cccggcgcac	cccggacact	gggttctatt	agtaccacc
48061	gccccaaaa	gccctgaggg	gtttccgtcg	ttcctggagc	cactccgggc	gccctggact
48121	cttctccgac	tctgcgcaca	tccgcacct	gctcattttt	ctttcggaca	ttctcttacc
48181	cggccctgta	gattccaagg	cggctcccag	ttttccatat	tgttcccaac	gcgttccactg
48241	cccacagtcc	ccacacaaac	ttctttcgc	ggctcacaa	atagtccctc	tgccccgtgc
48301	cctttttgca	atagtctgcc	agtcccctaa	gtcttagctc	tgctatttta	acagtagtgg
48361	tgtctcagaa	cacacacaca	cacacacaca	cacacgatcc	ctgacatatt	tggcaagagt
48421	aggccctgaa	ggtttttaaat	attttggttc	tttaaccag	tgggaattact	gaatgattta
48481	tttaattagg	gtggggatgg	agtggatcca	tttgtttgat	gctaaacagc	ctgagctcgc
48541	agttcccagg	gggcatactt	ctaaatggtc	tgaaatgaga	tttgagtggt	ttttcttaaat
48601	gcaattccca	acttctctcc	aaatgccttt	tgacatctgg	caacatttca	tgctcttcc
48661	cctttcgggt	ttcatccttg	ttttctctcc	cttctccac	gacctcggta	gtcttctgca
48721	atccagattc	tcagacttca	ggtttttctc	cctctgcccc	tttctctctc	gtcctgtaac
48781	tagaagcacc	ttttggcata	gacccatata	ccagtttcct	ctttccagg	tccagcagca
48841	tctcaaggac	atctacaaga	gggataccta	atttcagggg	tctctgaatt	atatgtggga
48901	aacatcgtct	aaaaaagtaa	ttttatcctt	attcatgcaa	ccagaccac	actcatagaa
48961	cttttcttta	aggggagtg	cttgcatg	tataaatgag	tgtaaacatc	tttaaaagcg
49021	aaactgaaca	attctctggc	atttgaattc	cctccttcct	tcccaaccct	ctccttttca
49081	ttttctcatt	tattattaaa	aacactttta	aaggatctcc	atgcttcata	tttatctact
49141	ataattcctc	cttctcggtg	ttgcagggat	ggggaaagag	gattttttta	aaacacaata
49201	aaaagcaatt	gggagaaaca	gggccagtg	tggtggggtg	gtagtgga	ttgtgatttt
49261	tgactccagt	agacaatgat	gctgcatata	tggggtttga	tttctctctg	gtcctcagt
49321	tgggattgat	gaagtttggc	tagaatcagg	gagttgaaga	gaggttgaca	aatggctctt
49381	cactcttctc	tgacaggctg	ttcctgtgga	gtgatggaga	ataatgagcc	ttgggaaagc
49441	tatgggagct	ctcactctcc	ttcccagacc	aatttttttag	ggagtgaag	aaacagggcc
49501	tgtccaatac	ttgttgtggg	tcaggatatt	tttgaagcta	cggttgttga	tttgcattggg
49561	aaaattatta	tgtcttatta	tttcttgtcc	cactttacca	taagggtcc	tcagcttctt
49621	acttcaatgg	gtcttccatg	acaaacacac	tttattaact	ctaagagtgg	aatttatttt
49681	aacagataat	tagcataggt	caatatatgc	ttaaaataga	gtcaaattaa	acctactagc
49741	tgttataaag	gacagatgac	aaattaaaa	ccacatagaa	gcacgactc	ttaaataatc
49801	tgaaagtact	acttctaaga	ggggtgggca	tggtggaagg	gaatggtgga	catgtttcag
49861	aatttcaaac	agccaacttt	aaccaatctt	ttcctcattt	tggtcacctt	cttgggggct
49921	tatgctaaag	tgaagtgaat	agccataagg	cttcaggaga	aaggtggtcg	aaaagaactg
49981	gataattata	agcaaaattg	gtctcgaatg	attgaaaatt	gatgagaatg	tgcttgtctc
50041	ctgatttggt	atcctgagtt	agactcagga	atactgaact	tgatcccaa	aggctttggt
50101	cttttttgat	atcctatttg	ataatcataa	gcaggctaga	aaaataggaa	actagaattt
50161	attctctttg	aactgacaaa	tctgaccagt	gggctgcatt	ctctatatct	gaaaaatctt
50221	ggttttgatt	gaaaaagtta	attttacaaa	gcaattttct	ttttttaaat	taaatttcat
50281	tttttttttt	gagacaggg	ctcactttgt	gccaggtcg	gagtgcattg	gcacagtctt
50341	ggctcactgt	agccttgacc	tcccagatt	caggtgatct	tcccacctca	gcctcctgag
50401	tagctggggc	tataggtgca	cgccactacg	cacagctgat	ttttgtgttt	ttactactca
50461	tagggtttct	ctgtgttgcc	cagtctagtc	tcaaactcct	gatctcaaga	gatctgctg
50521	ccttggcctc	ctaaagtgtc	atgaaccacc	atgccagcc	tacaaagcaa	tgttctagga
50581	aaaactacag	ttactctttg	attatgtaat	tgctggagaa	gaaaagcatg	gcattttctaa
50641	aatgatgaac	tatattactt	atattttta	atctcataaa	gtttgaaata	gacattttcaa
50701	acataaacat	gtataaaaa	ttttataaat	taaaaatata	aatcaaaaa	cattataaaa
50761	ttattttatt	ataaaaattat	tatagaatca	aaaacattat	aaattttaaac	aactttttta
50821	aaaatttatt	ttgggatttc	ccatggagt	atggagaata	atgagccttg	ggagagctat
50881	ggcagctctc	atactccttc	ctgggccaac	tttttttagga	aatgggagaa	atataccctg
50941	ttcaatgttt	attgtgggtc	agaatatttt	tgaagctata	gttgttgatt	tgcttcaaac
51001	tttaaaaaat	ttattataaa	attatgggat	gtaaaaaaat	ttgttataaa	actttgaaat
51061	tttcaaactt	tcagaaaagc	agagagatga	gattaatggc	actcataggc	aaacatagaa
51121	cattgattgt	aaacattttg	ctatatattgt	gtcatgatta	ttttttgctt	gtgtttgaaa
51181	gtatatataa	gaaaatgata	ttttaccct	aaattattta	gtgcagattt	ctaaaaata

51241	agaacattttt	cctgtatggt	tacaaaatca	tcttttcaaa	cagaataaaa	aatagttttt
51301	ttatatcatt	tattaccag	tccacattca	gatttcctca	attattatga	aatgtccttt
51361	tattttttga	gacaaagtct	tgctctttca	cacagcctga	agtgcagtga	aacaatcata
51421	gctcattgca	gcctcaaact	cctgggctca	agtgatcttc	ctgcctcagc	ttcctgagta
51481	gctaggacta	taggtgcaca	ccaccatgcc	cagctaattt	attgtttttg	tagagatgga
51541	ggtcttacta	cattgcccag	gctggctctca	aactcctggc	ctcaagtgat	ccttccagct
51601	tgggtctccct	gaaatatctt	ttgtggctgg	tttgctcaaa	ttagtttctt	ctaatacagg
51661	gacacacatt	gcatttgatt	atttagctca	agactttttt	aacctggaaa	ataccctcac
51721	tctttgttta	tgtatttatt	taatgaaatt	gacttggtga	aaaactagtc	agtggctctg
51781	tagaatattt	ccccttctgg	aattttctgg	ttgcttttta	tggtgtcatt	taacttttca
51841	ctctgttttt	tcctggttaa	ctggaagtta	gttctaaagg	cttttagggc	tggtataaca
51901	aaataccaaa	aactggatga	cttataaaga	acagaaattt	atttctcaca	gttctagaga
51961	ctagcaagtt	taagatcaag	gagcatgcgg	tttcatatc	tggttaggac	caactttctg
52021	gttcatagat	tggccttctt	gctgggccct	cacatagtgg	gagagactag	ctagctctct
52081	ggggcctctt	ttataagggc	actaattcca	atcatgagtg	ctctgtcctt	atgatctaata
52141	gaacccttaa	aggccccacc	ttttaatacc	agcacctttg	gggttaggat	gtcaacatat
52201	taattttggg	aagacatata	cggttcagccc	attgcaaggt	ttagtttagat	tcaggttcaa
52261	cttctttttt	taaagactat	ttcataggca	ataatgtgta	ttcacatccc	atcatcagtg
52321	atgggtgagag	gatcgcaagg	ttagggcgat	cactgcctat	ctcctctggt	atattcccc
52381	ttgggtcaag	ccagtagtct	gtgacgtgaa	ctttgtacca	tgtgtatatt	cagttatggt
52441	ctgtatcaat	atttacttga	ttgttttagc	atttattaat	gaccccttgc	tgagttgatt
52501	atttcattag	gggtttcaaa	atgggtgaatt	tctaattctc	taattctatc	tacatgtttt
52561	agctggcatt	tttctataag	cagaccattt	tcttcacaa	tggtttattt	ggctaccctg
52621	aaacatagtt	ccttccggga	aggcagaaca	tatgtttatt	tctgtctttt	aaaaattact
52681	ggtgtttgga	gtgaagatta	ggtgagttaa	ctacctccac	aggtgacaaa	tgaattttgt
52741	tttgtctcac	ttttgctttt	ttgaatatca	ctgtggctgc	ttggattttt	atatttaatt
52801	tgaatggatt	agggaataaa	tgagaagata	ggttttatct	gtttctgtag	tttttatgtg
52861	gctatgtgaa	cttaccttta	aaaattccca	gaaatatttt	aattccccct	taaagatata
52921	aactatgtca	tactataaag	caaaagaaaa	accaatcatg	tgaagagtaa	atagtatcgt
52981	ttaaatgaat	tgtggttaag	cttagtttgt	aactaattag	ttttttattt	tctttctact
53041	tttatctgct	tcagagcctc	ttcagtgggt	tagatcttct	atgtgtcaaa	ttattctaata
53101	ctcttaaaaa	gtttaagagc	taaaatacaa	cacaatgact	acaagaatgc	ctttgtcctt
53161	ttctgggtgg	gtacacctaa	ggcaacttct	ttgtctcttc	tttgttctct	tctttcttat
53221	tcttaaatca	tcttcaatat	tggaacagatg	acagcactat	gcctgcctca	agatgtttct
53281	gactttttct	ttttcttttt	tctttttttt	tgagatggag	tcttgctctg	tcaccagggc
53341	tagagtgcag	tggcacaatc	ttggctcact	acaacttctg	cctcctgggt	tccagtgatt
53401	ctcccaactc	agcctcctga	gtagctgggg	ttacaggcat	gcaccaccac	gcctagctaa
53461	ttttttgtat	ttttactaga	gacgggggtt	caccatgtcg	gccaggctgg	tcttgaactc
53521	ctgacctcaa	gggatctgcc	tgccctgggc	tcccaaagtg	ctgggattac	acgtgtgagc
53581	cactgcgccc	ggccgtttct	gactttttct	aaagtcttct	ttctctggag	atgacattat
53641	ataatagcac	tgttcaatag	aagtttcttt	gatgatggaa	ctgttctata	atctgcattg
53701	tcccagctac	tagccatatg	tgactactgt	aacacttgaa	atgtggctag	agcaactgaa
53761	gaactgaatt	ttgcatttta	cttaatttta	attaattaaa	atagaaatgc	aaataaccat
53821	aagtggttag	tagctaccat	actggacagc	aaagatctat	aattcagcat	ttaaaatcga
53881	ttttgttttg	ttttcaaaaa	tgagatcaga	ctgttacaac	ccaaaagaac	tgtaggttaa
53941	attaaggtaa	atcaccaaat	actacatata	catttgaggaa	atccaaacca	gattttttca
54001	tgtgataacc	acaccctctt	ttgacttttag	ccttggagggt	aatggagtat	ggcagaaaaa
54061	accctgtatc	agcagctgga	agactcacct	tcttttccta	gctctggcat	atattgacca
54121	aaagagtcca	agtccattca	gatggttgag	gggccttgga	attttgtttt	tggttttcac
54181	atacaagttg	gagggcagat	gcgttagcct	cttgaaatac	ccagaaacca	cttgtttcct
54241	catctaaaaa	tcaggataga	caggatcatt	taattatcct	ggaaatcaga	tgaagcactg
54301	catatgaaag	cactttgtaa	catcgatagc	actgggaaat	gtaaagacct	tttactgaaa
54361	tataaagggtg	tatggtcaac	tgaatatatc	tcagataaatt	atgatttgac	tgtatatatt
54421	gaatataacc	tgtagtgggc	cccttggttaa	acagcttaca	gttttggtgc	aagtttttagc
54481	caagagaaaa	tttatttggt	gactagtcat	gcactttatt	ggccacatga	tgagcagcaa
54541	tgatattaac	acacagtgca	ccttgcagaa	ttcaagaatg	tctcagtgtc	ttgtgaacta
54601	ggaagctgaa	atgcagtgggt	atgcagaagg	ctggctcagt	aggagccttg	ggagtgtcct

54661	ccagatagat	gtttgtgcag	gttgtatttg	attccagttg	gccatgaaaa	gctgggttgc
54721	ctaaagaatg	agaatatact	tggttttgca	tttactagaa	ctatctgggg	aacaaatctt
54781	ggggtggaag	aaagaaggga	gggagggaaa	gctgtgcttc	aatacctagg	gcttctttcc
54841	tggaaatgat	ctgagaatct	gggattgggt	ggctaataatc	tcatctctag	aaggggagaaa
54901	gaactgggtg	gtgatggctt	tgtattttct	actggcgcttc	actacagaat	aggtgaatgg
54961	aatgggctgc	tatgatccag	acattaggga	ggacaggttt	gtgatacatt	agaaaacttg
55021	aatgagccct	tctatgattc	tctcttccct	ctttctgctt	ccctttctga	atcaccatcc
55081	ccaggttgtg	gaattagcaa	atctattatg	tgagcaatag	caaacttaca	ggagcccttg
55141	gctccatcta	tctccctggt	tgtgtcagtt	cattctggat	gcttttagtc	tgtgggtctt
55201	attcactctt	tttatgggga	agtaaaagga	gtgggacaga	ttatgagaac	agctgggtcc
55261	tcccagttgc	tgggggtggt	attttaagct	ttgtttaatg	tgtccagaga	cccagatggc
55321	attttttaact	aagctgcttt	attaaatctt	gtgataaagc	atagtgatgt	ttattgaaaa
55381	ggcagacaca	catcagcaac	attatgcgtg	aaacttgctc	taagaatttt	ctataaaaca
55441	tctgttctct	ttctctttga	gccttttgtg	aactctggaa	gtttgctagt	ttctatacag
55501	acttgaggac	aagaagtgg	aaccctctt	tggagatgtc	caagcatagg	tattggaatc
55561	attaatccta	accctctcag	ttttaaggcc	ccggataccc	ttctgttaga	caacagtaac
55621	atgagcaagc	actgtaataa	cattttaaaca	agattattttg	gaaataatgg	acaagaaaaa
55681	ttagtataaa	ttgtttgggg	attttaaaaat	taaagataaa	aagctagggc	ttcaatgacc
55741	tgtgccagcc	tatagcctta	agagtcaatt	tgcaaacact	caagatttgg	ccaatatgcc
55801	tctactactt	ctacttaaca	cagtcaaagg	gaaatttttta	gattctttca	tctgatttga
55861	ctctcttagt	tatgaataag	aggatatcta	gaatatatat	gtgacttggt	aaaatgaaaa
55921	tccaccttct	ctgagtcctt	aaatatcttt	catatcttac	atttttagta	acatcaactt
55981	ttgaagtcat	gtccgtagtt	gcatgaaaag	aaaaatttca	ggaacattca	acctcaaaag
56041	ttctttttct	tagtctgaag	tcgtagaagc	atttgacttt	tactttctct	ttttaagttt
56101	gtactagtag	gtattttata	taaatataat	atttaattat	tgcctttgta	ttctttttct
56161	ctagtaaaca	tcctggtttt	tagctatcaa	tatgtagttt	tacatttagg	gatttctaac
56221	ggaaagagaa	aggaatctga	aatcagagga	caagagttta	ttctacttga	ccaaacacat
56281	acaaaatact	ggaaggagag	ttttacaaca	aatatttaat	gtctatgaca	tgtaaaaagg
56341	ttttccaaat	caagaaaatt	caaacaattc	aatacaataa	tcatcaataa	taacacatga
56401	acagggtggc	aaccttatta	ataaccagag	aaatacaaat	taaaacaatc	catcaacttg
56461	taaaaaagat	gaaattaccc	agagttgggt	taggtgatgg	aaaattgtca	tgtttgata
56521	ctgttcatag	aagttaaatt	gacataactt	tttggtcagg	caatttggaa	gtatatatct
56581	aaattaatag	agtagttttc	taataacctg	ggaatctctt	aatctaagaa	tctttactgt
56641	agatttttct	agaacaaatg	tacaaacatc	tatgtacaag	ggtactcact	gcagcatttt
56701	gctaaggaaa	aactcagaaa	aaatctatat	gttcaacaga	gaacagggtac	ataatttatg
56761	acacaaccgc	acaatatata	ccactaaata	aaggatataa	atttatatgt	agtatgaaaa
56821	agatgtgaat	gatagcttat	tggtgaaaaa	cagcaatgac	tggaatattg	tgtgtaacgt
56881	aatcctgctt	ttctgtatat	aatgtaggca	tagaaaaatg	gattgaaagg	acatactgta
56941	gtcaacagtg	gatatagctt	tggtgagggg	ggtgtataat	ggggaaggag	agtccctttt
57001	cctatctatt	ccatatacat	ctctggattt	aaaagatcat	acatgcatat	gcattacctt
57061	caaaattaaa	atgataaaga	caaaaggaga	aggtttggat	ttgaatcatg	atactactgt
57121	ttgcaactta	tatgaccgtg	gggaagtgcg	ctagcctcct	ggggtttatt	tcctcattta
57181	taaaaaatag	gaaaataata	atatttgtct	acacatcttc	tagggttggt	gggaggattg
57241	aatgtgatca	tgggttacag	cattatgaat	tattttattca	tataacacaa	ttattataaa
57301	aatattttgc	tctgattaaa	ataaaagaag	gacgagatcg	tgtgtgtttt	tgtcccagta
57361	gctttactaa	ccagaaagcg	cctcctgatg	tggtgatcac	agttgctttg	gtgcagcttc
57421	ctcttgactt	ttggcatttc	tccatgctgc	tagctaaggc	tgagggtggc	actggtgaag
57481	gtgtgagctc	ctccccctcc	cggcacacat	ttgtgtgagt	actcacactc	atgcacacac
57541	aaacacacac	atgcacactc	tatcacagta	catgagggtg	cagcagctgc	tccggcatag
57601	actttcacac	aacataaagg	gcttttttgg	tgtggtctgt	gcattatttc	ctgttaagca
57661	tgagctgagt	cagtgccctg	cttttccatc	tgaacctttt	ctgaggetca	ggctgtgtta
57721	agagcaaacc	ctctcccctc	catgcccacc	ccatggccct	ttactgaagc	cagatcttaa
57781	tctgctcatt	gcattgaggat	tttcaaaccg	aatggactgg	gccatgtgag	agatcactga
57841	aaggaacaga	ccaagcagag	gctaagagac	tccacgctaa	tctgctgagt	cgtctgaaaa
57901	tgcacagctg	tgggagctca	cggtgcttta	aagtacttcg	gcaggatgtt	tgttcagggg
57961	gcctgttcct	gcagccctgc	tgaatgtttg	gttaggaggc	ataatctttt	tttggacagg
58021	atctcccaaa	tgtaaagtga	tagatgctaa	tgtggaatat	aatacgggaag	atccagcttg

58081	gatgtcataa	ataacaataa	attgtttaat	cttgctgagc	tgtaaatacta	tgattgccag
58141	aggtcttttag	ttcactggaa	catagtatgg	gggcaggggc	acttagcaaa	taggcagtta
58201	ttattttcca	accagacaga	aactggctctg	atggaattta	tctaaaaagg	catacacatg
58261	tatttttaatt	aattgtgaca	attactcaga	gaaaacacat	ggccctaaag	aggctgaggg
58321	gtttttttgt	tctacctata	aatgtatatg	tatattcacc	tatattctac	ctatgtataa
58381	gtaagagaat	gagtttttgt	tttggggata	tatattttata	cgtatctata	cagatacgt
58441	taattttctgt	cttaattttct	gtctacctat	taaggtgcgg	tgccagatgg	aaagtatttt
58501	taagcattta	gatagcttat	tctatagcat	atgtgtgcat	atagccccc	cataaagcct
58561	tgtctctttt	ctggatata	ttacaagag	gctagaacag	agtccaaaat	gtcagaaatg
58621	tttgaacatt	ccatagaaat	gaaggaggtg	tttccaaatg	acctatgttt	ctatggcaat
58681	aaatagaact	tgtgctgcgt	tggtatgggtc	aggagtaagg	aatataaaca	gtgtaagt
58741	gactattcca	ggcagaaatc	taccttgtaa	gaacagcttt	gtgcagtgg	ctcaacaaca
58801	ttgatcagtt	agcagtcagg	ttcagtacaa	cattgatcag	gtagcaagcc	ggttcggcag
58861	tgccagtcgg	agacacagat	ggggacaatc	aaagaagatg	caggtcagga	caaggatgca
58921	gacatgtacc	tgctactacc	atggacttca	gcagcttctt	agcagggtta	tgattaaaga
58981	agaaagacat	cgttgatatg	taagcatgtt	acaattaatt	tgctgttttag	ttatttagcaa
59041	actacatcca	gttttttagtt	tttagggttt	tttttctttt	tttctttttt	gaaacagggtt
59101	cttggttctgt	catccaggct	ggagtgcagt	cgttatccaa	gctcactgca	gccttaaaact
59161	cctgggctca	gtggatcctc	ccacctcagc	ctcccaagaa	gctgggacta	cagggtgcacg
59221	ccaccatggc	cagctaattt	ttcctatttt	tttgtagaga	tgaggtcttg	ctgtattgcc
59281	caggctgctc	ttgagcttct	ggcttcaagc	catcctcctg	tcttggtttc	ccaaaatgct
59341	gggactatag	gtgtgactca	ccatgcctgg	cctacatcca	gtttaattta	tactacagt
59401	tggttttagt	cctcaaacat	gtttttgttt	tacatataaa	aatttgagat	aaaagaacat
59461	ttttacattg	gtcaataatg	gtacatttaa	acaatggacg	actatatcca	ttaaaatcgt
59521	gttgtggaag	aatattcagt	gacatggaaa	gattgactca	agggtgaggg	aaacgtgtca
59581	agagtctgtt	aggtactaga	cactgtaaac	tggtctcttg	ctgtgttact	tgcttacatc
59641	ctccatcatg	tgatctttta	gataacaaaa	tcgagatata	tagggataat	gggtgggccc
59701	attgaagaac	agaacttggg	ccacacttcc	agatgcctgt	gacttttctg	catctattca
59761	gatgttagga	attgattatg	aaatccatgg	tggtttgatg	ctcatgaact	ctcgtctgtc
59821	tctccagcat	gtgtgtaaag	aatccgtctc	tccggcatgt	gtgtaaagaa	tccgtctctc
59881	cggcatgtgt	gtaaagaatc	cgtctctccg	gcatgtgtgt	aaagaatccg	tctctccggc
59941	atgtgtgtaa	agagtccgtc	tctccggcat	gtgtgtaaag	agtccgtctc	tccggcatgt
60001	gtgtaaagag	tccgtctctc	cggcatgtgt	gtaaagagtc	cgtctctccg	gcatgtgtgt
60061	aaagagtcgg	tctctccggc	atgtgtgtaa	agagtccgtc	tctccggcat	gtgtgtaaag
60121	agtccgtctc	tccggcatgt	gtgtaaagag	tccgtctctc	cggcatgtgt	gtaaagaatc
60181	cgtctctccg	gcatgtgtgt	aaagaatccg	tctctccggc	atgtgtgtaa	agaatccgtc
60241	tctccggcat	gtgtgtaaag	aatctgtctc	tccagcatgt	gtgtaaagac	ttccagaggc
60301	acaggacgtt	gaggatgagc	tctcttactt	ccatctgggtc	tccatgtaac	aatcatata
60361	actgcacaat	tatccaaatg	caaatgaagg	agtcccttga	tgtttgata	accacattca
60421	tgcccttagt	ttgttatttt	cttgaaattg	cccttatccg	tctcctgttt	acccatggac
60481	aacactactt	aagggtcggc	aatctgcaac	ccatggcagc	ttggcttttg	ggttccttcc
60541	agtgttttgt	ttttgttttt	aaccgagaag	acaggaaaca	ggcatctttg	tgtatatggc
60601	ttgccacagc	ccttcgtaga	tgacatgggt	ggaggctgtg	tggtcccggg	gaacacttcc
60661	tctgtgaagc	atcaggaag	tttctgttca	ttgtgtcttc	actctctcca	attcacttgg
60721	ggagtgcag	ggattataac	acagtgcagc	gaggatattg	gggaatgtca	tgcttaattt
60781	tcttttcttt	ttttttctta	aatgacattt	aaagctagaa	gataatcaca	aagggttaagt
60841	ctgatttaag	acatttcaca	catgaaagaa	atcctgcttt	caatgcgtgt	tatgtcacag
60901	gaaaaactca	tttagagtca	acattctgca	cctactccga	aatttttagcc	tgagggttta
60961	aatattacct	cgtgctctc	taggacttta	atttgagcta	attagaaatg	gaacgtacac
61021	taaaaactaat	ttaggaaaga	agctgttgat	gttctgaaga	aaaacagctg	tcagaaataa
61081	gatcattaaa	aaaccatagt	tgtatatggg	acaaaatgta	aaggaaataga	aatgctggga
61141	gaaagctttt	gtagaataac	attttatctt	tctttggaca	ctggtctaag	gcatgtgaaa
61201	gggcatattg	attcccttgg	cacctgggtat	gctcatttat	ggatgaaaaa	gcccattgac
61261	atacttttag	tgaggtttaa	ggcttgatgg	gaggcattgg	tgccattaga	aggacggaca
61321	caaagagttc	ttaagtaacg	gcatcatggg	aaatgataat	tgcacactcc	tttctactat
61381	gtcttggttt	ccccaaagcat	ttagaagtca	cggctgggta	ggaacaaatt	tatcacgagt
61441	ctgtctgtgt	gtttgggaat	gcatatgcct	cacagatgtg	tctgcagggg	tctgtgtgat

61501	aatgttcata	tatgtgatag	atgtggaccc	tgggatctgt	atctgtgtgg	accctgggat
61561	ctgtacatgt	gtgtgagtga	cagtggaacta	gggtccactt	tgcccccttt	tctgcgtggg
61621	agttgaagga	aatgcccctt	aatggcagta	gcatccactt	gggtatgtgc	accttctgga
61681	ggactgggtg	aggttgccct	tcttccagcc	aaagccagac	cctatggtgt	gggacgttca
61741	gcggggagca	acagaatgcc	atggcttggg	cctccctggg	ctgtggtctg	gatttcactc
61801	aggaatgaaa	gtcagatatt	gcctgcttca	atgctgtaaa	cataactaag	gataattatg
61861	taagtagacc	atcttttcct	tgcaaggtag	cggctctgctg	cattgacaga	gggtagtatt
61921	tctaggactt	tttcagagag	taaaatggta	ctttaaggga	taatctgcta	tctaaagatg
61981	aattttaaat	gttgaggagg	gttgtgggat	tcggggaaga	caatagaata	atttgtgtca
62041	tggttaattt	aacaaagagt	ttttgtttat	agaatctgat	cttcggtgga	ttttaacaac
62101	cctcttcttc	cttggctttt	cagataaaga	cgcagagcct	cagagaagtt	aaacgattga
62161	tcctatgtca	gggggtagag	tcaagactca	tacctatgcc	ttttaacttc	aaggtagtg
62221	ctttttcttt	atacaaaagg	gcttccaaaa	gttatatttc	tttttatcaa	tgactagatc
62281	ttgaaagcca	taccttttct	gatggcattt	atcctgggct	aattggtaga	gagagggtga
62341	acagaagaga	agacatagac	acgcagagaa	gaaagtgacg	tgaaaacaga	ggcagagatt
62401	ggagtgaagt	gaacacaagc	tcggaaatat	gtggaggcaa	cagaaactgg	aagaggcaag
62461	ggaggatcct	cccctagagc	cttttggtga	ggcagacccc	cactgacacc	ttgattttga
62521	acctctggcc	tccagaactg	taagggaata	aatttttaatt	gcttttagcc	accaagttta
62581	tggcaatttg	ttatagcagc	cttgtgaagc	tcatacaaac	tttgtattag	attacaaact
62641	ttgtattcat	ttcctaggac	tcccataaca	aattaccaca	tatttggtgg	tttaaaatca
62701	cagaaactta	ttctctcaca	gttctggagg	ccagaagtca	aaatcaaggt	atcagcgtgg
62761	ccacactctg	tagatgctct	agggagaatc	tgctccctgc	ctcttccagc	ttctggcagc
62821	agaatacatt	ccttggcttc	ccgggtgtgg	ctgcatctct	ccaatctttg	catctgtctt
62881	catatctcct	cttctttgtg	tctattctag	taagtacaaa	gtgctgcac	ttccgtgatg
62941	gaagtggccc	aaattaacca	atctaccacc	aggtagctgg	ctgatcattt	ggggaatggt
63001	accataagga	gactcagtg	tggtccctgc	tgctggtaga	gtaggcactc	tgcaagtggc
63061	atagccaggt	cagccttggg	gagcgaatgt	ccatgttgtt	gagcccgctg	atagccttca
63121	tccctgccat	cacggccatg	gtattacagc	actcttgcac	tgctataaag	aaatacctga
63181	ggctgggtaa	tttacaagaa	aaagaagttt	ccttagctca	tggttctgaa	ggctgtacaa
63241	gcctgggtgcc	ggcatctcct	tggcttctgg	tgaggcctca	ggagcttcta	cacatggcgg
63301	atgacaaagt	gggagcaggc	atatcacaca	gcaagagtgg	gagcaagaga	acaaaagaga
63361	aggtgccaca	tactttttaa	caagcagatc	tcatgtgaac	tcagagcgag	aacacactta
63421	tcacgcagga	cgtggtgcta	acccattcat	gagggactcg	cccccatgac	ccaaacacct
63481	ctcactgggc	cccaccgcta	acactgaggg	ttacatttca	ataggagatt	tggaggagac
63541	aaacatctaa	accgtaacag	ccacttggct	catgagccca	ttggacaatg	acaggaatgg
63601	ctgggggaaa	gccactcatt	gacatccaca	gaactggtca	tcctgttatt	aaaatcctcc
63661	tctgcctagg	tcaccatttg	gtgagtgtcc	ataagggaca	caaatatctt	cacaattttc
63721	catgtcttac	ctcagaagcc	ccatcaccct	ctctttcaca	tctcctccag	tacttatccc
63781	ccagatgata	ggaccatgtc	cagcaatacc	tcttctctct	ggtgttgatg	ggttaatgag
63841	cagatctcac	ataggtaaaa	tttccagata	tctagaattt	aatcttctgt	taattctcca
63901	attataacta	aagtatttca	ggttgaaact	ttattcaagt	gtaattactc	actttaacct
63961	tcttaaacag	aatgtatat	acctttccaa	aaataactga	aatttaataa	gattaaattt
64021	caaaagaaat	aatcatttac	atgtttattt	ctgcattttt	ctaagtcctt	gccccaaagt
64081	ggacataatt	ttatactgtg	atagcataaa	ataattttgc	atttgacatt	tttgatttgg
64141	cattaaacta	ttgtttatgt	ttctttcgct	actgcttaag	aaaatgtggg	tggttgtaat
64201	aaataaacct	gaaatgtagg	caatttttat	tgctttaaaa	acaatagaat	gttattttctc
64261	actcacacaa	tagtccaatg	aggatgtccc	tggtgggcaa	agactcttgt	ctaccaaagt
64321	ggatggggac	tcagtttcct	tccctcttgt	gactctggca	ttgcctagag	ccacatgatt
64381	acctgtactg	aatctgtaga	aagagaaata	agcagtgtag	agatgatatg	tctgttttct
64441	gatatcctca	gcctagaaga	aacacacatt	acttctgttc	ttattctcat	actagtttat
64501	caccatttgt	ccaaatgcac	catgtggcca	cacctagatg	caagggtggg	ttggaaaatg
64561	tagcacctgg	ctgggcagtt	gttcctcagc	attgactctt	tgctatggaa	gggcttccta
64621	agtttttgtg	gactgctatc	ccagtctctc	accactatac	aatcttcata	attttccctt
64681	taaattggctg	agagaaaatt	ttgaacaaaa	gctacaaaca	tttttcagat	tcttgattct
64741	ccagacttat	tacttgaggg	cagtgactaa	attatattca	gttctatata	agaaggttct
64801	tccatattgc	cggtttcatg	gtagatactc	aataaaatga	gttgaatgac	tacataaatt
64861	ttagcaagag	catatgaaaa	ataattttatc	atgactttgg	gtaatactat	aggtgtaatt

64921	attgtccttt	ctctttcctg	acttgattaa	tagcaccact	atccattaag	ttatttaaagg
64981	tagaaagctg	agattattct	tgactccttt	tctcactggg	cccgtattag	ttattttattg
65041	cagtgtgaaga	aattaccatg	aaacttagtg	gcttagttgg	ggcttgatgg	gggctggagg
65101	atccactgca	agatggctca	gtcacttggc	tggcaaggtg	gtgctggctg	ttagcctccc
65161	atctgaccct	cctctttccg	ctcctgccac	tcttcaaggt	attttttcca	gagcagccat
65221	tcatacattca	tttatttttt	cccattaatt	aattcaacag	atattttattg	tatacttacc
65281	gtatgccaga	tttgtttttag	gttcttggaa	tatagcagtg	aaaaaaaaaa	cagtccttgg
65341	atcttatata	cagtggggaa	ataaacatat	aatgtagaaa	attagatggg	aatatgtgtg
65401	agcacatata	tttattattt	ctcatcattt	ctgagacagg	agatgggtat	tctggccttg
65461	ggactcacat	gaggtcacag	ttacatgttg	gtgttggttt	ggtcatatga	aggccttggtg
65521	ggggctggag	gatccactgt	gagatggctc	aatcccttgg	ctggaaagtt	ggtgctggct
65581	gttggtggca	ggccttgctt	cctcttcaca	gggcttcttg	agtgtcttca	tgacatggcg
65641	gctggcctct	cccaaaataa	gctgtccaag	agagcagggc	agaagtgtcc	atgccattta
65701	tggcctcacc	atggaagtca	cacacaatca	cttctgcaat	atatactgat	taccagatc
65761	tgcacgttct	agtgtgggag	gggaccacaa	aaaggcacia	atgccaaaag	acaaggacca
65821	ttggggccat	tttgagggt	atttaccaca	gccctctct	tccatattcc	agccacctg
65881	catattctgt	tcatacctcct	tccaaaaatg	tatctcaaac	caaagtacta	attttcattt
65941	ctgttggtct	tagcctagtc	caagactcta	tcaacacttg	acttgaagag	tctcccgtct
66001	gatattcctc	tttctgctct	tgccccctt	caaggatatt	ctcccagaga	agccattcat
66061	catgcattca	ttattctcca	ttcattaatt	caacaaatat	ttattgtacg	cttaccacat
66121	gccagattta	ttttaggttc	ttgggatata	gcagtgaana	gtccttgggc	ttacatata
66181	gtgggaaaat	aaataatatg	gaaaatgtta	aaggcaacat	atgtgatcca	gaaaattata
66241	gcagggtgaa	ggaaatagga	aacaatagaa	aagttaggga	cttctggcta	tagtattata
66301	tagggctgtc	aagggtgcta	tctctgatta	gcttacattg	aaacagaaac	ccaaaagaca
66361	gtagagggca	ggtatgttaa	tatctgggca	agtattctaa	gcagaggaaa	aagaaaatgc
66421	gagggccctg	aggcaggatc	atgtttggta	tgtttgagga	atagctgttc	tgttccgttg
66481	tggctggaac	agaagaagga	gggcaggagg	gtgatggaga	atggtacatg	atggagggtca
66541	gattatgtag	ggccttgtag	actacaatga	agactttggc	tttgtttttg	gttgggtggg
66601	gacaaggaaa	gctattggaa	tgttttagtg	acttgatgtg	acttaatttt	taataggaa
66661	atttgggctg	ctcagcccat	gatgtttaaa	aatgccatca	ggtcacttcc	actgtttaaa
66721	acctttcaat	ggattctggg	tgtacttaga	ataaaatcta	agctccctta	gctattatta
66781	ttatattatt	attaaaattg	acatccttta	ttctctatta	cagcagtcta	attccttcct
66841	aatatgtacc	tcactagtaa	ctattattat	tattgcttat	ttgtttataa	tctgtctcct
66901	ctacttgaaa	atatgtagcc	tgtggatctt	gtggatttcc	atactaaatc	atcccaaggc
66961	cactttgctt	ttgagctctg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg
67021	tgtgtgtttt	gatctcttct	gtaatttttt	ttcccctgat	ctcgtctgat	gttatatttg
67081	gtcagtgact	gacctctagc	aatgatgggtg	ccagggcaac	tttggtgttg	aactgtatgt
67141	taaggtttgt	tttggttgt	tgggtatata	agtacttata	aaatgaatta	tctgggaaga
67201	gaggagagga	tcttattaaa	atacaggttc	ttattcagta	ggccttgggt	gggccttgag
67261	gttctgcatt	tctttctttc	tctttctttc	ttttcttttc	tatttctttc	tttctctttc
67321	ttttttcttt	ctctttcttt	ctttttcttt	tttctttctt	tctttctttc	tctctctttc
67381	tttctttcct	tcctttcttt	ccttcctttc	tttctttctt	tctttccttc	cttcctttct
67441	ttccttcctt	ccttccttcc	cttccttcct	tccttccttc	cttccttcct	tccttccttc
67501	cttccttcag	acagagtctc	actctgtagc	ccaggctgga	gtgccgtggg	gccatcttag
67561	ctcactgcaa	tctctgcctc	ccaggttcaa	gcaattctcc	cacctcagcc	tccggagtag
67621	ctgggactac	aggcgtgcac	caccatgctc	agctaatttt	tgtattttta	gtagaaatag
67681	gttttccacca	cattggccag	gctggtctcg	aactctggag	ctcaagtgat	ctgctcacct
67741	cagcctccca	aagtgtctgg	atttcagggtg	gagccaccat	gccagctga	agttctgcat
67801	ttctatcaag	cttgccaggtg	atgcccatgc	tgccagccct	ttgagtaaca	ggggggcttt
67861	attaccgagc	ttggctgaac	attggaatca	tctgtggagc	tttaaaacta	ctaagtctgg
67921	gctctcaacc	ccagagattg	caatatcatc	agtctagaat	gcagtttgag	tactaggatt
67981	ttgaaaagct	tcataagtga	ttctattttt	tagaaatatt	gagaactact	agattggatg
68041	atattgaatc	caattttaaa	acaagggtga	gcaataaatg	ttcttcagcg	ctgtgttgct
68101	gacttttttag	aaagtcagtt	ttgtagctct	agaaagaatc	tggctgcata	catggatgac
68161	ctccagatct	ctgcttagca	tgactgggta	atttctccaa	tgtctccagc	acatgctgtc
68221	acttaacagc	agaaagagaa	ttcctacttt	caggagaaaa	gtcatttcctg	aagattacag
68281	ttaaaatatg	cctacagatg	atgaggttgt	agtaaatacag	tccccttgct	ctctgagctt

68341	gttctaagtt	acaggaagca	gaagaagcag	agaagcactc	catttctttt	ttcttgtaat
68401	ctctagcatg	ttcacatgca	tagtttctga	gtcagtagca	aactaagaac	ttcttggtg
68461	attcaagcta	acccctcgat	tatcagaagc	agatgtttca	aacgactgaa	gatcagtgag
68521	gcatacttta	tttacagggt	aataattggc	tactagatgc	aggtgcacca	aatggtctta
68581	gagacattag	ataggagaga	caatgtcagt	gctcccccta	ccctgcctcc	cctaatactaa
68641	agcctactct	gtttctttta	tcaagtgatt	ggctgtatgt	taacagagcc	tggggcactt
68701	tcctgttgaa	atgcctttta	tccaagcaa	ctggattgat	ttttttttt	tttttttga
68761	tggtttagat	tggacgactg	attattggac	agaatggcat	cttgtcgaca	cctgcggtct
68821	cctgcattat	caggaagatc	aaggcagctg	gtggaatcat	tctaacagcc	agccactgcc
68881	ctggaggacc	agggggagag	tttgagtgat	agtttaaatgt	tgccaatgga	ggtatgtggt
68941	tcagtatatg	ccttaataat	cacgatttct	ttcctcttat	attattatag	tctcacagtg
69001	accctttgat	gatagacaag	caaggtgcag	aggacctagc	tcagaaaaat	ttagtgaggt
69061	gcccacaaagt	atccaacaaa	gaagtggcat	gatgggctca	tgaaccatt	tgggtggtct
69121	cttgggtccc	tgtactcttc	agcataaact	attgaatagt	tgatgcttat	ctgatatgga
69181	aggactctga	attttaacat	taaaacatac	cctgaaggtc	gttgtctaaa	tgacaatgac
69241	cctcatttta	cacatcaaca	aatcaaaggc	ctgagaggct	gagttactgc	tgaaggccac
69301	agggttgatc	agggtcagat	taatgatttt	tagcccaa	cctgggctct	ctttttccta
69361	cagtgttgac	tttctctcaa	aatcatagaa	ttgtttcact	tttctttata	ttcacagcaa
69421	tttatagttt	gagggtcctt	agtggagggg	gtgggatata	tgtatggagt	aaatttcttt
69481	taaaaattga	acacacaaaa	aaatagggag	aataagaaat	agataacatg	taccatttat
69541	cttgtttttc	tattttgctt	atcttttttt	ttctgaagaa	ttttaagca	aattatagca
69601	caagaacatt	tcacacccaa	atatttttgt	atgcatctct	taaaaagaaa	gacacattgc
69661	tgcataccg	tgctaacata	cctaacaata	ataacattaa	ttctccaata	tcacctgaaa
69721	actaatctat	agtcaaattt	ttcaataatc	ccaaaatat	tattatttat	agctgtttta
69781	ttcaaatcag	gatacatcta	aggatgccat	gcatttgctt	ggcaagtctc	ttaaattctct
69841	tttaaatctag	aatgctgagt	ttgcatgaat	gtgggtagga	gccaaatttt	aaccagcaac
69901	agttaccatt	ataaattatt	cctcatccca	ggcaaagcag	tgcatctga	agggaaaact
69961	tattatctat	ccctccttgt	agacgtttta	cacgttatcc	aaacaagaaa	gtgtattcat
70021	gttgaatatt	taaaaaacia	tattgtaacc	acaaagcaga	aaactaaacc	accaaaccac
70081	aaaggtagac	aacaatagag	gaagaagaga	acaaattatc	tacaaagtaa	ccagaaaaca
70141	attagcaaaa	tggcaggagt	aagtctttta	ctatcaataa	taaccttgct	ggtacatggg
70201	ttaaactgtc	caatcaaaaag	atgtagaatg	gctgagtgga	tcaacaacaa	gatccaacta
70261	gatgctgcct	acaagagacc	cattttttaa	ctttaagaat	aggcatatac	tgaagtaaaa
70321	tggatagaag	gagatattcc	atgaaaacag	acagttacca	aaagagagca	gggatgccta
70381	tacttatatc	agataaaaaca	gacttccagt	aaaaagctgt	tccaagagac	aaagaaggtc
70441	atgattta	gataaagagg	tcattcttatc	aagaggacat	aacaattgta	aacatatatg
70501	catccaaaat	tgaagcactt	aaatatgtaa	agcaaataat	agtggacatg	aaggaagaaa
70561	tatacagcaa	tataacacta	ataggggact	tcagtactcc	acttgcaaca	atggagagat
70621	caaccagaca	aaaaattaac	aagacaacac	taaatttgaa	ctatacttca	gaccaaatgg
70681	acctaccaga	cctacattca	tccaacaaca	gcagaatata	cattcttctc	tagcatacat
70741	agaacattct	ccaggataga	ccatatgtta	ggccacaaaa	taaaccttaa	caaattcaaa
70801	aagattgaag	tcacgtctag	tattgtttcc	aaccacaatg	gtgtgaagct	aaaaatcaat
70861	aacgggagga	atcttgga	atttaca	atgtgga	taaacaacat	gcttatgatg
70921	aactaatggg	tcaaagaaga	aatcaagagg	gaaactaaaa	aatattttga	gattaatgac
70981	aatggaaaca	caatgtatca	aaacctacag	tatgcggcaa	agtcagttct	aagagagaag
71041	tttatagcaa	taaatgccta	gattaaaaaa	ggaaaaagat	ctaaataagt	agactaacac
71101	tatgccccaa	ggagctaaag	aaagaacaaa	ctaaacccaa	agtgaagcaa	aggaaggaaa
71161	taatgaagat	cagaacagaa	gcaataaaaa	tgtagtatag	aaaaactata	gaaaatataa
71221	ataaaatcaa	aagttggttc	tttgaaaaaa	taaaatctac	aaactcctag	ctagattcac
71281	taaaaaaagc	agactcaaat	aaataaaatc	agaaatgaaa	gtggagacat	tgcaatagat
71341	acctcagaaa	taaaaatggt	cataagggat	tattatgaac	aattttatgc	caacaaattg
71401	gaggacctag	aagaaatgga	taactttgct	gctactcaga	tacattttat	ttcaaaaaca
71461	tacactaagg	tgttgctgtt	ggatctttcc	aaaaacatat	tcacacagaa	ctttcagtc
71521	cactgagcca	tatttgaaaca	atctttcaag	gtcagctctg	gcataagcta	acattatacc
71581	atttaactca	gaaatttctg	tagtatttga	ttaatgggtt	tatgtttgat	atgtaatgta
71641	attttcta	gctaaatcaa	gtggtaattt	tgttggtcaa	gttgatttag	tggcttggga
71701	agaaagcttt	taatgttccc	ctaatttttc	ttaccttga	catgatcctt	cacatgtctt

71761	atdddgttta	gtgatttttc	tttttttttt	tttttttgag	acaggggtctt	actctaccac
71821	ccaggcttga	gtgcagtggt	gcgatcacag	ctcattgcag	ccttgacctc	ccagactcaa
71881	gctattcttc	cacctcagcc	tcccaagtag	ctgggtactac	gggcacatgc	caccaaactt
71941	ggctaatttt	tgtatttttt	gtagagacag	agttttgcca	aattctcagg	ctgggtctgga
72001	attdctgggc	tcaagtaatc	ctgccttggc	ctcccaacat	gctgatatta	cagacataag
72061	ccacagtacc	tggccagttt	tcttttttaa	aaaatctatt	ggttattaat	ttgaagcctt
72121	ccttttcata	actgtgctcc	ttaattggga	gcaaacatga	atggaccaca	acttagccaa
72181	ttttctatat	acgatctttg	ccatcctaata	ttaaaggaat	attaattctt	tcttttcttc
72241	tttcattcca	caaacctgta	ttgactacat	ctaagttcta	aatgggtgcac	tggatggtga
72301	aaaagttagt	gatgagcaag	aacaaaattc	ctcctttcag	gagacttaca	gttcaatatg
72361	ggaaatgtaa	tttgttaaaa	tataaaaagt	caattgtggt	acatgctgta	cgaagtacat
72421	gttgacatgt	gagtatataa	taaatgggct	ggaggccaga	ggattgccaa	agagaatggg
72481	cctcctgctg	agatgagatg	agactctctc	tctccactcc	agaaagatag	gcaatcacag
72541	gcagtgggtg	ccctctgata	tttatgtggg	atctccaagg	tgatggagga	gagaggcctt
72601	tagtttgtat	caaaaccaga	agaactgttt	atcttctatc	aggtgacaac	ccttcattcc
72661	tttacttaac	acattgatta	gcactctgta	tgtggccatg	tgctaggcag	ggccactttc
72721	tgagtccctg	gaagtcagtt	gcatagtgtc	ctgcacttga	aagtgccccg	cattcggttt
72781	aacactctgc	tgtcacatta	ataacgatata	ctttacactt	ctgtttcgtc	agcgaagtcc
72841	tgtaggacaa	gggggcatgc	acaggagcag	aggagccaca	cgtgatgtgt	gtggctgccg
72901	ttccctgccg	ccccattcac	ataatcttct	ccatgccctt	ggggagccat	gctgtgggat
72961	gtgcaggaaa	ctcagcatgc	tgtgagtaga	ggcagggttg	ttagtcatgt	actgagttag
73021	cggggcacta	accatctgga	gaggcctcac	tttccactga	aaccagaatg	cgcttgtaga
73081	cagaaagaag	gcaatgacat	ttgaagagac	acaaatgact	gaggagccct	gttgatctct
73141	ctctaattgg	agttacttcc	ctgtgctaac	cgaccctgtg	gttgagatga	catgaaagga
73201	aagggcagga	cactatggcc	acagtgccct	gagggtgcc	aatctcgtct	cagaagctaa
73261	gcagggcctg	gcctcattag	tacttgtatg	gaacaaggaa	aggggaagag	agagcagcct
73321	atagctcctg	tcctttcagt	ccttccttag	tgtccatgat	ccaaggtag	agagtgttgc
73381	tggagtgtgt	gggtgtcagg	aagttagata	gaaagagctg	agctagtttt	gtgcagcgta
73441	tctactgggt	tagcaagaat	gaaatacata	cacatggatg	agctatggaa	tgtgaattgt
73501	gtaattgtgt	tgattctaca	tatgaggtca	atgctaatat	tttcattttat	accttgcgct
73561	ctacaatata	aaaacaaatg	gtaaaaagtc	acgataattt	aaattttattt	tttattttat
73621	tttatcttat	ttttttttaga	tggagtctcg	ctctgtcacc	caggctggag	tgcaatggca
73681	taatcttgct	tcactgcaac	ctctgcctcc	cacgttcaag	ccattctcct	gcctcagctc
73741	cccagatagc	tgggatgaca	gtcaccgcgc	accacgcccc	gctaattttt	tgtattttta
73801	ggagagatgg	ggtttcacta	tgttgtccag	gctggtctcg	aactcctgac	ctaattgatcc
73861	gcccacctca	gcctctcaaa	gtgctgggat	tacatgcgtg	agccatcgca	cccagcctta
73921	aattttgtatt	ttaaacttagc	atgacattag	atagcaaata	aaaataccat	gacaagtcaa
73981	gtgagagaga	acacagaaga	aaggaaaacg	ccgtatcttt	gagccccctc	aatgacgctt
74041	cttcctgctc	tttgaacaga	agcgtgcgt	tttcattttg	ccctgggcct	catgttacgt
74101	agctggctct	ggtgttaggt	acccggacgc	accacaaaacg	aaacagattc	gttccccgca
74161	gagcttatta	gtctagttag	agaaacataa	tttgaatagt	cccagaaata	catcattata
74221	agataagtct	atgaaagaag	cgtagagcat	tcctaatact	gtctctgaac	agggcagact
74281	tcttgaggga	agtgaatttt	gaactgcgat	gtgaagaatg	agcaggagtt	agtgagggtga
74341	agaagagaga	aggagtgttg	caaacacagg	tcagtctgtg	caaaggccct	gagacacaag
74401	gagcctagaa	ccacggctcg	aagacaacca	tctggctggg	gcatggctcg	tcttacagat
74461	cacattaagg	aacaaataat	tatgttaaga	gttatgggct	gccattaagg	atttgataaa
74521	gagagtctta	caatcacatc	tgtgttttct	aaaggcctga	cactgattgg	tacatggagt
74581	acagcctgaa	gggaacaaga	cttgtttagaa	aggaagctat	tgactgggtg	tgggtggctcg
74641	tgcctataat	cccagcactt	tgggaggctg	aggtgggcag	attacttgag	gccaggagtt
74701	cgagatcagc	ctggccaaca	cggtgaaacc	ccgtctctac	taaaaataca	aaaattagca
74761	ggttgtgggt	gtgagcacct	ataatcccag	ctgcttggga	ggctgaggca	ggacaattgc
74821	ttgaacctgg	gaggctgagg	ttgcagttag	cccagactgc	gccactgcac	tccagcctgg
74881	gtgacagaga	cttccttttc	aaaataaaaa	aaaaaaaaaa	gaaagaagaa	agaaagaaag
74941	gaggctattg	cagtaatgca	agtgagagac	catggtggct	taggcaatgg	tggagatgga
75001	ggaatttggg	ggaattgatt	gggttcaaga	aataggcagg	aggaaacacg	atggattggg
75061	tgggagtagg	gaaacagatg	agaagaggta	tcaggaaagc	tgcctagggt	tctgggtctgt
75121	gccactgtgt	ggatgatgag	agaatgtgtc	agtgggtggag	gccaaggctc	gaaagtggag

75181	tggggaagag	tgagagagaa	aattgtaagt	ttacctttat	gttcagctga	ggtcattttg
75241	aaacatacaa	gcagcagtat	gaagaattcc	attgatatat	ttgtccggag	cccagagtga
75301	ggttttaata	agaagaaata	aactcgctag	taaaaattgc	agacacacaa	aaggcttgaa
75361	caggcacttc	acaaaataga	ttatccaaat	gaccaataaa	tacataagta	ctcaacatca
75421	ttagccatta	gaaaaatgca	agttaaaacc	acaatgagat	accattttcac	actagaatga
75481	ataaaaatatt	aaaagactga	caatgctaaa	tattcccagg	atgcagaaca	acaaaaaccc
75541	tcatatatta	tgggggacat	ggaaaattgt	acaactcctt	tggaaaacag	gtagtttcta
75601	cagaattttca	atatatacat	accatacaac	tcagccattg	cattcctatt	tacccaacag
75661	atataaaatc	atttgtctac	tgaaaaatth	gcaaaataat	gttcattgag	gctgtagcca
75721	ttataaccct	caaacggaaa	caacccaatg	tgcattggatt	gtgaatagat	gacaaatggt
75781	ggtccatcta	tacaatggaa	tattgtctct	caacagaaac	aaactacagg	tccatgtaac
75841	aacatgatga	ttgaaagaag	tcagatgtaa	aaaagtacat	atgtatgatg	caattttatac
75901	gaaactctag	gcaaaactaa	tccttagtga	tgaaatcaga	tctgagggtg	cctggggcag
75961	agatgggggt	agctgactgc	aaggagggtg	ggggagggtt	gtgaattttg	gggagtgatg
76021	gagctgctct	gtatctcaat	tgtgatgtgg	ttacacaact	gtatgcattt	gtcaaaactc
76081	acagaactac	actctaaaac	atataaattt	tactgcatgt	aaatccttacc	ttaattaaaa
76141	attaaaaaaa	ttgaagatgt	ggatttaggt	aagattcacg	aagggataaa	gatagagttg
76201	agttacaaga	gaattgttat	ctccatcttg	catgggagaa	aatgaagct	cagagaagtg
76261	aagtggcttc	ccaagatcac	acagctacta	agtagcacag	ctggggctca	aaaccagagc
76321	catgtgatca	gatggcccat	attctttttg	ttccctccca	tcaaccaagc	ccaggcccat
76381	ggctgagcat	gatggccaag	caggaggag	ggtcagctcc	tcttcaagga	agaaaacagc
76441	atgctgttct	ttatatatgt	aaatgatgtt	ctgttcctca	cccatcacca	atcacacagg
76501	tacttaggtt	gcaaggtgtg	gggactgcca	tggatgatgat	ggctctcccc	accagtcctc
76561	aatgggaata	tcagcaagac	gccagtccac	agtaagggat	tctgtctggg	ccctccagac
76621	accagagagg	ccacgatgag	atccactcca	gaggagtaat	tgtaccctgc	cccaactac
76681	cagggatctt	gacactgaca	tagctcttta	tactttccaa	ctccagaagt	attaactggg
76741	aacaactaca	ttttccagcc	ctgagcttgt	ggaccagctc	cagatcttgt	gatctgatct
76801	ctccctatga	ctgttacaac	tgcctcaaga	tggcttactc	tgcctcccgt	cccatccac
76861	tcctaatac	tccccacact	gctacaagag	gggcttcctt	ataccttata	caaaagttaa
76921	ctcagataga	tgaataactt	aaatgtaaaa	cccaaacta	taaaaatcct	agaagaaaat
76981	ctaggcaata	ccattcagaa	cataggcatg	ggcaaagatt	ttatgatgaa	attgccaaaa
77041	gcaattttcaa	caaaagctaa	aattgacaaa	tgggacataa	ttacactagg	ttgataggtg
77101	cagcaaacca	ccttggcaca	catttaccta	tgtacaagc	ctgcacattc	tgcacatgta
77161	tcctagagct	taaaataaaa	taaaataaac	ccaaggagg	aaagacaaga	gggagagagg
77221	ggaaacagaa	acaaggaagg	acagtgccag	aagaggaagt	caggcagaag	agggaaggaa
77281	gggagaggag	gagtgtacag	gagagctgga	cagaggaagg	cctggcgggg	ccactctggt
77341	tctccggctc	ttctttgcct	ggccaacgcc	cagagaaccc	tgtccctctg	ggagccggga
77401	ccacatctgc	ccttctgtgt	gtcagccagg	ggcatctggc	atccggcaag	tggcagctcc
77461	ctcatcatcc	tgtctgatcc	aaattcaacc	cacattcagc	caggtgacca	tgggtggctcc
77521	ccccagggt	ggaggtctgt	cctgaggctg	tctgcacttc	ccaatggagc	tggcttcgaa
77581	cccactgctc	ttgcctctct	ttccattccc	tagaaggctg	gctgcccctg	gagatgtttc
77641	tgcaccaagc	cactttctcc	agctggggac	tagcatcagg	agaactcctt	tctgtctcct
77701	aggtctggaa	tgaatgacg	agagtgcct	tgtcaagt	ggaccactct	gtatccagcc
77761	atcctcatgt	ataaagagga	ggaaaggaga	ggcattcttg	ttactaccga	ccagttacta
77821	ggtgtgacat	tgtgcaggtc	actgcacaca	cttaaagcaa	ccagatgtat	atccatagtc
77881	atcgggtgtt	tatagaacat	aagaatagac	tcacagtcca	ttcccctcct	gcaagactac
77941	atattctatc	gtaaaggatg	tgtcaaggaa	gagcgtgttg	gagttctgac	tctggagggtc
78001	cgccagccag	aaaatggcct	ccagcctccc	agtctcttcc	tgtcatcag	cataaccatc
78061	ctccatccat	gaatccccac	tgtcactca	ttttctctgc	tagtacttag	tgagcacctc
78121	ctatgacccg	gggatacagc	agtaaataaa	acaggcaaac	acattggaga	gaaagaaagc
78181	ctgggagggt	gaggtaggtg	gatcgtttga	gtccaggagt	tcaagaccag	tctgggtaac
78241	gtggtgaaac	cccgtatcta	caaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	gacaatgtgg
78301	tgtgtgcctg	tagtcccagc	tacctcggag	gctgagacag	aagaacctct	tgacctgggg
78361	aggcagagg	tgcagtgagc	cgagatcatg	tcaccgcact	ccaggctggg	tgacagagag
78421	agaacctgtg	tcaaaaaaaaa	aaaaaaaaagga	agaaggaaga	agaagaaagg	aatatggca
78481	tgttggggat	ggggatggaa	gtgggttgca	atthtttaaaa	gggtagccag	ggaaatgctt
78541	actgagattt	ttaagtacaa	gtctgaagga	ggcaaggag	tgagtcaaac	atatacatgc

78601	aggaagggct	ctctaggagg	agaaagcagt	gagagcaaag	gctgggagcc	aatgcaggcc
78661	tggtggcttc	aaagaacagc	agagggccag	cgtggctacg	gcagagggag	tcagggcagt
78721	gtgctaggaa	gtgaaggcag	ggagatgcag	gaggtgtgga	ttgttggggc	atcacaggct
78781	gtgtgactcc	caattgtctgt	gtgacaaatt	cccacaaatc	cagcagctgc	aaatacgacc
78841	caatgttccc	cagcttctgc	aggtcaggag	ttggcacagc	ctaactggtt	ctctgtaagg
78901	tgccatcagg	gtgtcagcca	gcaactgggt	ctcatctggg	gctcagctgt	gtggatggct
78961	ctgcttccaa	gctcacgtgg	cagcattcag	ttccatgcag	ggtgctggac	acaagacctc
79021	agcttcctgg	tgagcatcga	ctggaggggg	ctcttagctc	ctcgcagctg	atcccccca
79081	tgaggcagct	tgaacatgg	cagcctgctt	cttcaaaggc	gtcaagagag	agtccccaga
79141	aagacagggt	atgatcttaa	cattttat	atttattttt	tgagacagag	tctcgttctg
79201	tactgaggc	tggagtgcag	tggcacgac	ttggctcact	gccacctcca	cctcctgagt
79261	tcaagcaatt	ctcctgcttc	agcctcttga	gtagctgtga	ttacaggcgt	gcaccactat
79321	gcctggctaa	tttttgtatt	tttagtagag	gcgggggttt	gccagggttg	ccagcctggg
79381	ctcgaactcc	tgacctcagg	tgatccaccc	acctcagcct	cccaaagtgt	tgggattaca
79441	ggcacgagcc	actgcatcta	gccagtgatc	ttatacaata	tgatcagtac	atgaatcaca
79501	tatataccac	ctccttcata	agcaatccac	aggttctgct	tacaaccaga	gaaggggatt
79561	attcaagggg	gtgaatggca	gaggtggggg	ttgtgggggt	caccttagta	tctgccacca
79621	cagcctgtcc	tctgtcccca	agactcatgt	cccttgtgca	tgcaaaacac	attcaccctt
79681	cttgagatcc	cttcatgctc	acagtcccga	atctcatcta	aatcgggttt	aggtgtagaa
79741	cagatttcct	tggatgttcc	tctgatctgg	aaaactaaag	atacaagcta	tctgccccct
79801	acatatgcaa	cacacaatgg	tgggtaaagc	ccgagacatt	gctgttgaga	aagaggcagc
79861	aggggagggg	tgaaggaatg	gtggttctga	aatccagctg	ggcagacgct	ggtgttcctt
79921	aaacagggtt	taagatgtgg	gaagattcca	tgtctcttgg	ctctgccttc	tgggcttctg
79981	cctctgggtc	atccttcttt	tctcacgaaa	gatccacgtg	tttgcagcca	agtagtttta
80041	tcagccttct	tcttgacagc	agagtttggg	ggctctgaca	gtcttctttc	attttgcact
80101	ctgtccccta	cagaccaatc	tgccagcact	gtgggtgaaa	cagctttccc	aaaccctttg
80161	cctgtcctcc	gtgggtttca	gtggggctca	tagtcgattt	gtcaagagcc	atacctatga
80221	atctttttaga	gataaactct	acctttctac	cttcagctcc	tgccaagatg	gccccagggy
80281	taactcactg	aagcttccca	ggggccctaa	ggtttgggtg	agaggttctg	catggtacac
80341	cettataatc	tcttgcaaca	gacctctgtg	tgactcattg	ctactcccat	cctttgatct
80401	ttatgcataa	tcacaaaaga	ctgtacagtt	acaccctatg	ccacatgctc	agaagccatt
80461	tgtaatttcc	agcatctttt	gccatgtggg	gagactgaca	attttcaaaa	tcatcaagtc
80521	ctgattcaat	tttaacagtt	taaaaaccag	tctctttctc	aatttatctc	tcttctctca
80581	cactatatta	taagcagtaa	gaagaaacca	ggcagcatcc	tcaacatttt	acttggaat
80641	ctcctcaact	gcatacccaa	tttatcactt	acatgatgtg	ttttccacgt	aactgcaggc
80701	gaccactttt	ctaagctttc	tgctcctacc	taacaaggat	ccctgtcctc	cagcttctag
80761	tgcgaaaatc	ctcactgcct	ttgagcagtg	gcgagtcctc	cagagcccaga	tatctagcaa
80821	cagtctgctc	accttagagt	ctgtctgtca	ccacctgggc	catttctaag	ggaccagagc
80881	tttcctctga	gatgaggctt	tgagctgagg	agccacatga	tctgacatgg	ttaaggatgc
80941	ctctggcttc	cctgttgaga	atagactgaa	ggggcaaaaa	tggaagcaga	agagcagtta
81001	ggaggctcct	gtcaaaccce	cgtggaaggc	aggctctggg	ctgtgtcact	ggactaacac
81061	taacaccgtc	cccttgcact	tctgaggggt	cctggaactt	ccctagggga	tgagactcct
81121	ggctagcagg	actcagcccc	tccccctcaa	ctttactcag	gacctgggtc	cccctcctta
81181	aggctctctg	agcccaacgc	acacttcagc	ccactctcac	aggcattctc	tctgtccaca
81241	aaatatcacc	gaagagtctt	ctgtgagtgc	agcatgggtg	gaacactggg	agtacaagga
81301	gaaataagac	acagttgctg	tgctggagaa	gcttgtgccc	agtgggtggg	atactgccgg
81361	agggtgagacc	actatgccag	cacaggaaca	aagacggcag	gggcacaggg	caattcaggg
81421	gtgcagatct	gggggcatcc	aagaggctcc	taagcctcag	tatataaact	gacaggtcac
81481	agcctgctct	aggaaacacc	ttcttaaggg	ttggagttat	ctttgtgcat	cccatcccca
81541	ccccaccaag	ccgcccttgg	ccctgccctc	aggagcttct	gcttggcctt	gctaattcct
81601	ctcttctccc	tgaagctaga	gtgaggtccc	tcttggcagc	ctttgtatct	agagagagcc
81661	gtccaataga	aacataaggt	gagcaacatg	cttaatttta	aaatttctag	tagctacatt
81721	aaacattttt	aagtgaatt	aactttaata	atacattttac	ttaacccaat	atatccaaaa
81781	gattatcatt	tcaacatgca	atcctatttt	aaaaataact	agtgagggtac	ctgacaaaaa
81841	aaaatccctt	ttcatactaa	gtccagaaga	tctttgtgta	ttttatactc	ataggacatc
81901	tgagtttgga	tgttaccttt	ttattggaaa	tatgggatct	gtacttagat	ttcactgaat
81961	ttacattgaa	aaggtaggtt	cacataccca	agttgtctca	cacgtacctc	aatgttttct

82021	ggtaactgga	tggagtatca	gtttttatat	ttatctttgc	attagctaaa	aaacaaatta
82081	atagttcagg	tcctcagccg	cacacaggca	gtttttctcca	cggtccaaat	tgttgccccga
82141	attcaccag	accccgctgt	cctccgcttt	ttcatgcaga	cattcaaaca	actgcctccc
82201	ttcctcctgg	caccctcct	ggcaccacca	tcccatcgcc	agcagcctcc	aaaccagttt
82261	ccctcctgtc	ctcatctcag	ccacccatga	ctcacacaca	catctgtctc	ccctggccca
82321	cttttcacct	ggctcctcata	atctatgcat	aaacattaac	gtaccacagg	tcaatctgca
82381	tactgattac	ttctgctctg	gtcaaattct	tgttttcagg	atcaggaggc	tttctcccca
82441	caccaaaactg	ggcctgagga	aatagtgtct	tgtcttcctg	tcacccctcc	cgtagtgtgca
82501	tgtctaataga	gacaaggggt	gtctcagggtg	aagcaggaca	gggaggatgc	cagcacttgg
82561	gtggtagagg	tttgaggagt	gcctgttggg	ggatgtgttg	gggaaggagg	acttttcaca
82621	tatggctcat	tgtgtcggga	tgatttcgtt	gttaaataag	cacctacagg	atgatttcac
82681	attccatact	tctaagtttt	tataatttaa	attctttccg	ccaggctggg	tttttttttt
82741	ttttccaaac	tttaaactctg	tggctagaat	tggtttgatt	tacctaatcc	tgccctgag
82801	atttagcccc	atccctgaga	gccccctcag	agccaccac	agccaggaca	cctctgctgg
82861	cctccccttc	cccagccttc	caacttgtgg	caggcccccg	gctctggcct	ccccctatat
82921	gggaatgagc	cagctgcacc	gctgctgaca	gtggctggga	taatcctccc	tgagctgttc
82981	caaggattag	tcctgctgcc	ctgtgcccag	ctccacaca	acgggggtttc	ggggctgtgg
83041	accctgtgcc	aggaaaggaa	gggcgcagct	cctgcaatgc	ggagcagcca	gggcagtggg
83101	caccaggctt	tagcctccct	ttctcaccct	acagagggca	ggcccttcag	ctccattctc
83161	ctccaaggct	gcagaggggg	caggaattgg	gggtgacagg	agagctgtaa	ggtctccagt
83221	gggtcattct	gggcccagag	atgggtgctg	aagctccac	gcctgcctgt	gaaaatggag
83281	tcctctctca	cctgggagag	ccagggtgctg	ccccgagaag	gatgcattta	tggcttcatg
83341	aagtctttcc	tgacccccga	tgtgctgac	tataggtaag	tctgagcaaa	tctgggggag
83401	cctcatcttg	gcatgagaaa	gagatggctt	cttctaagcc	cactggccgt	gatcccagga
83461	ttataacaca	ttctggctca	agtccagact	atttgtagaa	cacaggagat	cctccatgag
83521	aggtagtata	atatagagga	tatgtgtgct	tactaagagg	ctgcctgtct	gaccttggac
83581	aagtcttttt	tatttattta	tttatttttt	atagagaaa	agtctcacta	tgttgctcag
83641	gctggctctg	aactcctggc	ctcaagcgat	cctcccacct	tagcctccca	aagagtggg
83701	attatagaca	tgagccactg	cacctggccg	accttgggca	agttcttaaa	cccttcaaag
83761	cctcattttt	ctccaatcat	aaaagggaaa	gatggtaata	ttttcccctc	caaattcttg
83821	taagtattaa	acattgtata	tgtattttga	acacgattaa	gctctaaaca	cttgtttagga
83881	agcaggagta	gcatttgaaa	caaacagctc	ttttcccaca	ggtcggatgc	cctcacagaa
83941	ttgagattat	gtacgtaaaa	caccagggtgc	ctaaccgggc	acagagcagg	agggctaagc
84001	gtgacatcca	gcacgtggtc	agtggaatcc	agtattccta	cccacctctc	tagtctcccc
84061	tccacccttc	tccctttcag	aggcaccaag	ctgcttgttg	tcttgtctat	tcccactccc
84121	tgcctgactg	aacattttct	ccacctcctg	atcatcagca	gcagaaactg	gctgctcttc
84181	ctcctgggta	gacagccaga	ctgtattttc	cagctgcccc	tgacgtgaga	tgtggccatc
84241	ggagccagca	ttggccaatg	gactctgcat	gggagtgcag	catgctgcct	ccaggcttgt
84301	ccctaaaacc	tcccacgtgt	cctccgcctg	ctcttcccac	ttccaaggag	cacggcaatt
84361	gtggaagacc	cagattagtg	atggcagaac	catagatggg	aggaacctgg	gtccctgact
84421	taaagtatca	tggatttgga	tgttccctta	gtgagaaata	aacttccatt	gtgtttaagc
84481	ctttattttg	ttatagtttg	ttacagcaac	tgccttcttt	taattaaaaa	actcctgctg
84541	cttcatgttg	ctggaatgct	tgtaaccttg	ccctgcttca	ccagggtaac	tctacttgg
84601	cctttaagtt	tatctctgct	gtcacaccgt	ccagaaagcc	ttctcccagc	accacaaccc
84661	ctccaccaag	ggttaggtgt	ctccagcaga	tgtgacacag	ctggctgccc	tttgcccacc
84721	ctccccttct	ttctcataga	atcctaggac	tcctatgtat	ctagaaggag	ttgtgtggtc
84781	cagtgtggtg	caagaagatg	tgagagcaag	tcgctgggtg	gagattctta	ggaaaacttc
84841	ttaaaaagaa	tgagactctg	ggctcctttc	tgcctttttac	cattttttgtg	tatgcttgcc
84901	ttcttcccac	ctgggactct	gatgcagcac	ctgtgaatgg	gcacacatat	tacagctctt
84961	aggetgaaac	ccacgttctc	aggcagaggt	ctcttgtggg	catttagtgc	tataaatgtc
85021	tctttacaca	ctgctttaaa	tgcgtcccag	gtcttagggg	atatacccaa	aggattataa
85081	atcgtgctac	tataaagaca	catgcacatg	tatgtttatt	gtggcagtat	tcacaatagc
85141	aaagactttg	aaccaaccca	aatgtccatc	aatgacagac	tggattaaga	gaatgtggca
85201	catatatacc	atgggatact	atgcagccat	taaaaaggat	gagttcatgt	cctttgcagg
85261	gacatggatg	aagctggaaa	ccatcattct	gagcaaacta	tcacaaagac	agaaaaccaa
85321	acactgcatg	ttctcactca	cagggtgggaa	ttgaacaatg	agagcgcttg	gacatggggc
85381	agagaacatc	atacactggg	gcctgtcagt	gggtgggggg	ctgggggagg	gatagcatta

85441	gaagaaatac	ctaattgtaa	tgacaagttg	atgggtgcag	caaaccaaca	tggcacacgc
85501	atatctatgt	atccaacctg	cacattatgc	acatgtaccc	tagaacttaa	gtatataaaa
85561	aaaaaaagaa	aaaaaacttt	cacctttttc	caaagtgttg	ggattatgga	tgtgagcaac
85621	cacatctggt	cctttttttt	tttttttaag	gaggtgaaat	tcacataagt	ttgaccattt
85681	taaagtgaac	aatcagtggc	attcagtaca	ttcaccatgt	tgtgcccaaca	ctatctctat
85741	gtagttccaa	aacattttca	tcagctcaaa	atgaaacctt	gtacccatga	agcagccact
85801	tcccattctc	ccctcccctt	agcccctgga	aatcggcctt	ctttctccac	agattttacat
85861	attctgtata	tttcctataa	atggaattac	acaataggtg	acctgtgtct	ggcttcttcc
85921	acttaaccta	atgcttttga	ggttcagtca	catggtgcca	tggatcagct	ctgccttctt
85981	ttttatgact	aatactccac	tgtatgtcca	tatcaccatt	tgtgtattca	ctcattaatc
86041	tatggacaca	agcctcattt	ttaagcactt	caaatatggt	aactcactga	atcctcacca
86101	caaagacaga	ttcagttatt	acatattgat	agagtgaana	ctgaggcaca	ggtaacatgc
86161	ctaggatcac	gtggctatga	agcagaaaga	ggactccagc	cgaggcagtc	tagtcccaaa
86221	gtccttccct	tcctagtaac	cactatgctc	tcctgcctct	cagagaacaa	cccacatagc
86281	acaacacgag	ggctaagctg	tctggtctgt	ctggtgaagc	ttcaaagtct	gttcatttca
86341	gataagggga	ggttcctggg	ctgcagaggc	ttcctagagg	aggaagacca	tgtgaaggtct
86401	aactcagggc	aggtcaggat	ggtgtgaact	cactctgaac	acagtcaccg	atgggtgttt
86461	atgaaaactg	gctctggaac	tcccacaggg	aagggttctta	tctttgcgtg	cacaacacag
86521	agcccctctg	gtagacttct	agaccagggc	ctctttcaaa	tacattagaa	acctcagcaa
86581	gataaactat	tttctgtctg	gctgcatctg	tctatctggt	tagagagcag	gacattttcca
86641	tcctcctctc	tcaggcatc	cttggaagtc	tttcccacaa	gcaagacatc	ttggtgaaat
86701	ttaatgctgc	agagggaaat	ggttttcagg	agagaggagt	ctgttcccgg	aactgtagca
86761	caaagctag	aggctgagta	ggaacatctt	aaactaagtc	ctcagtctta	ttccagttt
86821	tcttcctgta	gacggggct	taggacaccc	tgtcacattt	tcttcactcc	tccaccagga
86881	attcctaag	tccatgctct	tggatcctgg	caaactcgagg	aggctggggg	atgtggcaag
86941	cttcagcaag	actgcctggg	accaaccctg	cagccttaat	ttcccaggcc	cactcagccc
87001	agctggccag	caaaggcagg	cagggtctcc	gtgtccacac	atgagaatga	cctgcagctg
87061	ttctttgtcc	aggctgaggt	ccaggattcc	cattgcagct	cctaggaaat	ctttaaaatt
87121	aggtcgggga	tgaggctgtc	agtagattag	gtagggaact	tttatgaagt	tgagggtgaa
87181	ccatctggag	ggtgaactgg	ctggtgtgat	ttagaactgg	gggtgggtgcc	tagcagtgca
87241	tttgtgagaa	gacacagcca	ggcttggtat	atgatgtggt	gtgtgtgtat	attcacaggc
87301	atcgtggagc	atatacactt	tttttgtgtg	tgttgaaata	aaccttacag	attacaaagt
87361	actttttttt	ttccctgaga	cagggtctct	ctctgtcgcc	cagcctggag	tgcagtggta
87421	caatcatagc	tcactgcagc	ctcaatctcc	caagctcaag	tgatcctccc	gcctcagcct
87481	cccatgtagc	tgggactaca	ggtgtgtgac	accatgactg	gctattttat	tttatttttg
87541	tagagatgga	atctcacaa	attgcccagg	ctgatctcaa	actcttgggc	tcaagcagtc
87601	ctctcgcgtc	agcctaccaa	agtgtctggg	ttacaggcat	gagccaccac	gcccagccag
87661	attacaaaat	acttttgacat	cttttctcta	cagccctcaa	aaggaggcag	ggcaagcaca
87721	attaaaatccc	attacaaatg	gggtgactga	agctccattc	atggcttgcc	cagggtcaca
87781	caaagaatga	atagcagagc	cctgagcctg	tgtgtctccc	tctgtgccag	gctgctttac
87841	ccaggcatgg	gtgcaccttg	tgcattgggac	atttctcctt	tgttgtgtcc	tgagtacctt
87901	aagccactca	gatattgctc	agggtggagt	aggggaaaat	gttttcaggt	tgtattagtc
87961	aaaacaaaat	accacacact	gggcgacttt	aaaatcatac	atttatccct	cacagttctg
88021	gaggcttgga	agtccaagtt	caagggtggc	gctggacggg	ttcctggtga	gggctctctt
88081	cctggtttgc	agacagccac	cttctcttcg	catcctcact	tgggtgggaa	agacagagga
88141	gagaaagaga	gagagagaaa	tgagatagag	agagagagag	aatgagata	gagatagaga
88201	gagagagaga	gagagagaga	gagagaggga	gacagagaga	caatgctctc	ttttcttacc
88261	agatctataa	tgagggccccc	accccatgac	ctcatctaac	cgtaattacc	taccaaaggc
88321	ccatctccac	ataccatcac	attaggggtt	agggtttcaa	cataagaatt	tggagaggac
88381	ataaacattc	tgtctacaac	atgagtggag	atccatctct	tccttacctc	tggttaagggg
88441	accacacgct	gcagccagtg	agacagtggc	atgttcttgt	tacaactcaa	tctaactccc
88501	ccagaagagg	aggcagggaa	ggcggacaaa	actgggagag	ggagagagtg	ttaggaagag
88561	agtaggggtg	ccagaggcag	caaataaaa	ataaaaatgct	taattttgaa	tctcagataa
88621	acaaccaata	atgtttttta	gcataagtat	gtcccaaact	aagcttggga	aatattttatg
88681	ctacgaaatt	attcgttgtt	tatctaaaa	tcaaactagc	tgggcaccc	gtctttta
88741	ctggcaaccc	taaaaggcaa	gagccaaaa	tgccggaggg	aagccaacgg	attccaggag
88801	ggacaactgc	tggacttttg	actgatgatg	ctctttttat	atatttaact	ttttaaaaaa

88861	gcctcttttc	tttcttttta	ccagcttttc	actagctttt	taaaaattgg	ggtaaaacat
88921	acataaccta	aaattcacccg	tctaaaccat	ttttcagcat	acagttcagt	gggattaagt
88981	agattcacac	cgttgtgccg	ccatcactac	cactcatttc	cagcaccttt	ccatcacccc
89041	agcctgaaac	tctaccatt	gaacacgagc	tgcccaactc	cgccttgctt	ccccattcct
89101	ggcgaccact	gcttctgtct	ctgtgaattc	tgactactct	aggcacttca	caaaagtgga
89161	ctcatacgat	atctgtagtt	ttgctgtctg	cttctctatt	taattcttaa	aggggggtg
89221	gaactaaaca	gatcacaagg	gagctgcca	cagaggtaaa	gacaaggtca	gataggctga
89281	gagacgcagg	aaagcgggtc	aatgtgtagg	gctggagggc	aggggcgggc	cctgggcctg
89341	ggctgggggt	cctgccccg	ggcgcaccca	ggcgagggc	tgccccgagg	agccgaggct
89401	ggcggacagc	ttggccctga	gcttgagggg	aaggcagcga	tgggacaaag	gacggaggtc
89461	taggaagagg	gtctgcagag	cagaaagcac	gggtaggggc	ggcctgacgc	tcggaagaca
89521	acggatggga	gccgtgtgca	cgctcgggagc	tcggagttag	cgtgagttcc	gtgccaggc
89581	ccgcgactcg	gtccaccagg	acagcgctcc	gggtcgacgg	ggtcctggag	ccgcgctcgg
89641	ggagggcgca	gcggagggtg	agcggcggcg	ttaggaccgc	gaggcgcggg	cggagggtggc
89701	ggggctagga	cccagcggct	ccggcagagc	ggaagcggcg	gcgggagctt	ccgggagggc
89761	ggctcgcggg	tgaggaggcg	tccggggccg	cgggaagtag	ggtcgtgggg	gcctggcggg
89821	gcgaagtagg	ggaccgggag	gggctggagg	gaggcggggc	ggaggcccg	gaccgttcct
89881	gaccgagaag	cctgcgccaa	gctggtgttc	cgcggccgct	gcccggtgcc	cggctccact
89941	gcgaacgccg	ccgctggggc	ccgaccgcc	gggaggcgtc	ttgggctcgc	cccggagctt
90001	cctccctgga	gccgcgccct	gcaccgggcc	ttgcccggcc	ctagcaggga	agccaaggct
90061	tgtggggcgc	agggaccgg	gctctgcggg	gtcccggttc	cgcctcccca	ctcctgcgtc
90121	ttcccgcccc	ggccgggttc	tgggaagcct	cgcgcggctc	ttccgcagct	gctgcccggc
90181	cggatctcct	ggtccctcgt	aggggacccc	acttctctga	caccgcgttg	ggttcccggg
90241	gcctacagcg	aggcctgtaa	ctccgggaga	gaccctggag	cggggtgtgg	gagaacggtc
90301	tggaggaagg	gctccgagca	cttcgaaagt	ataaaccgcg	gtcccaaaga	ggcgtgctgt
90361	gtctgcattt	tcctgggagt	gcacggttta	cattctgtaa	agcagtgtcg	tcgactagaa
90421	attttgtgcy	atacacatgt	acaagttttg	tcacttaaaa	agaatttgaa	aaaacttcat
90481	agatgcaaaa	aaaaaaaccc	accattatta	aagaataactt	aggcatttgt	ggaatgcatt
90541	gaagagttaa	caaaatggat	aggcaggaaa	tatcgcagac	ctagagttaa	ttacagttac
90601	ccactgtgga	actgaggagc	tagggtttct	cataaaactc	cctgatagga	gacgactttt
90661	gataaaaatt	tttttccgcc	aacaaaatcc	cctgtcttct	ccactagtta	ttgtctgtcc
90721	actaaataag	agggtgtccg	tcacttcttc	agatgagcaa	ctacaggctt	ttcaaaagat
90781	aattgctaata	caaccctttt	gtgcctgggt	tttcttattt	gtaaaaatag	atactactac
90841	ctaactccaa	agtgtgtggt	gaagacaaac	aactgggggtg	atgtatacta	aagtaacgaa
90901	agtgttgacc	acacactacg	ggctggttag	tgttagattc	ccttgttttt	ccctcagtat
90961	caaaaacaga	tctaatttag	gtttacataa	agacaaagta	tgaagataag	gtgacttaca
91021	gttggtacta	ctaacaaaat	gggctaagat	ttgcattatt	gcatgaaaac	aacaaaacat
91081	atcaataaat	aacaaaaagc	ttggaattca	gacaacagat	caagtctggg	cttgatctca
91141	agctagtgtt	ttgatgttga	aaaaatgtta	tttgggtctt	ctaaccctat	ttccttatgt
91201	aaaattgggg	atgataaatt	cactgataat	aagagttaaa	tgagattctt	gaggactcag
91261	aatggttcta	acgtgtaagt	attagcagtc	atactgtagc	ataagaaaat	accgtctgct
91321	gaaagaggaa	caataaagat	tatctacatg	gtcatcattt	aaaagctacc	agatatagga
91381	agaagggggc	ataaaaatgat	aacgttatga	tgattaattt	tgatgcttag	gtcagagtcc
91441	attctaggat	atctgctgcc	caaaaacagc	agagactcat	ttctttggaa	tcacaggacg
91501	ctgagtgaga	ggaaagaaaa	agaaaagaaa	tatttaagtc	acatatgtga	tttctaaaag
91561	taaaaagaaa	cagatgaaat	tagtaatata	tttttaaaat	ccagtatatc	ccaagtatgg
91621	ttatttttagc	atgtaatcaa	tataaaataa	taagatattt	tacattcttt	ttttctagtc
91681	tttgaaattt	ggtgcatatt	ttacacttat	ggcacatctc	aattcagact	atccacattt
91741	caagtgtctca	gtggctgcat	gtgcctgggtg	gctaccatat	tggacagcac	aggtctaagg
91801	atttcattcc	tgccacaagt	ccaaactcct	agctttaatt	ttgagtgttt	ttaacaaact
91861	ggcctctgtt	tatcattctt	tcttctagta	cttccccaag	gatgattgta	ccctcagcac
91921	tcaagaccgc	ttgcggtttc	cctacacact	ttttgttcaa	gctgtttctt	ttacctggaa
91981	tgctgtcttt	gcaccttctt	cctggacctg	gttcactctt	gttgccctagg	ctggagtgcc
92041	atggcgcgat	cttggcacac	tgcacacctc	acctccccgg	ttcaagtgat	tctccttcct
92101	cagcctcccg	agtagccggg	attacaggca	tgcaccacca	cgcctggcta	attttgtatt
92161	tttagtagag	atggagtttc	accatgttgg	tcagactggg	ctcgaactcc	cgacctcagg
92221	tgatctgcct	gccttcgcct	cccaaagtgc	tgggattaca	ggcgtgagcc	gctgcgcccc

92281	gccgagaggc	acacattctg	ctaagagctt	tttcctgact	cccctaactc	caagagggat
92341	ttgtcactcc	ttagctttgt	actcatgact	ggagtagaat	gaatttaatt	tgagtttagt
92401	tgtttttgag	actctccctg	gctagtgtag	tgtcttattc	gtctttgttg	tgatcatggc
92461	ctgcacctaa	cagatgatca	gtagatgttt	gcagacagaa	agtaaaccac	tcatcaggtg
92521	tattcagtcc	cgttcttgaa	cgggcttgct	gcctcctttt	tgaggagatc	tgtgtatgta
92581	ctcttctttc	acgcataatg	gtgagcaaac	acacacacac	taacaagaaa	ttcatctgaa
92641	gatgtgcaca	ggaaatatct	tgcactctta	ccccctttgt	gatcttacat	atgggagaac
92701	tgaggcacag	aaataagtta	ggacagccag	caaacttgca	tcagtataaa	tacaaagaag
92761	ggaagggagg	aacatgcttg	aaaggggtgt	gctggtctca	gagggttagg	tttctcagtt
92821	ggctgggcat	cagctggcca	tgctttagtt	atttgatggg	aggaaaaata	agtgggaggt
92881	gaggagtaac	tcctgggctc	tgatgagtat	tataggcaag	tacagatctg	gaaagcctgt
92941	atgcaaagga	ggaactcact	gaaaagtgtc	ggcctgagga	gggcagaagg	gagggctggg
93001	gaagccagca	gggggagcaa	aggagtaggc	tccagctggg	tgaagatgtt	ggtgtggtat
93061	gttatgtaaa	atatacaaat	tattattggg	aataaccacg	tctcagcagt	gcgagttctc
93121	agtttgaaga	atgggaaatg	gaaaggatca	gattcagaga	cggcaactta	ctcaaggtca
93181	cagcatttta	aaccctaatg	aaatctccta	ggcccttcat	gccacactca	tccatcccta
93241	cctacttggtg	ttgcaaccaa	gggccccact	gtagtgccca	ggggagcagg	tctagggcat
93301	agtgccaggc	ctgattaatg	tcttccttac	cattttccag	cgaggggctg	tgattaggcc
93361	tatttatagg	ggcctgggtc	cttaatatct	tgcctgggtg	atctcttgcc	aatcaaatca
93421	gtgctgtctg	cagtgtgatt	gctgctttag	tggcaccagg	gagaggagtt	aattaaacct
93481	aatataaata	gactctgccc	tcactgtgca	attccaggag	tgtttttcc	tcctgtcctc
93541	tacccccaca	ggcacctctt	tcctcttggt	cccctaagct	ctagcctggg	tgagcagggc
93601	tggatactcc	tatacctaga	gtcactagcc	actgccaggt	ctgtttcagg	agcaggcctc
93661	aaattcctca	gggggttaaag	tgggaagaac	ccgtgtgtgc	gcattttttg	tgcttttcca
93721	gaactgggta	ccatttgcca	gttgatcacg	caatctcccc	cgctacccca	tttctacccc
93781	tttgtttcca	gcctcttctt	tcctctgcaa	ccaaggtttc	ttgtttatcc	aagggtggga
93841	gctgaactga	gacaatgtat	ggaaaggggt	cctggcaggt	agcaagcacc	ttgtaggggg
93901	tcagaaaatg	tgcaccttct	ctgaactcct	ccattgacct	tacagattcc	ccagtcctct
93961	gccctgccc	ttccctcatt	cactcagcag	gcacagcag	agtcccctct	atgcgctcct
94021	ggcctctcag	caaatgctct	gtcccctact	cccctatctg	tgcaggctga	agctatgtgc
94081	atagttggga	tgagggtgtg	gttgtctcaa	caccacgctg	ccctgtgggt	ggggcggtgc
94141	ggtggtcgtg	ggtggtcgtg	atgctccggc	tccgaccac	aggcaccatg	actcctgtga
94201	ggatgcagca	ctccctggca	ggtcagacct	atgccgtgcc	cctcatccag	ccagacctgc
94261	ggtgagagga	ggccgtccag	cagatggcag	atgccctgca	gtacctgcag	aaggtctctg
94321	gagacatctt	cagcaggtgg	gtgctgccac	tcacccccac	ctgatgagag	ggccatccct
94381	gtcctgggca	atcccagcaa	cacacctctt	gggagcagcc	cccttgggga	atcccgggtc
94441	tggggaaccc	atctggcttc	cctgtgtggg	aggggtgaa	gtgagagccc	aacttgggaag
94501	cttttactcc	tgggagtccg	agagctcact	cccttccacc	ccacttagcc	tcctgggttt
94561	ctgtggtggc	tctgtctctc	caactcatgc	ttttcctccc	attggagggc	ctattccttc
94621	acgttttcc	gcagccaaca	aatattttacc	cagtagtgct	cgtgtgcaag	gcagtgtggg
94681	aatctctata	tatccagcca	cggataaggc	aacataacct	tccacctgga	gcgcacattc
94741	tggcaggaga	gaaagacct	aataagcaat	agatgattag	ttcttcaata	acagttgtga
94801	caaggtctat	tgataaatat	ttgtaatcac	taatattcat	ataaaccgtg	caccaccatt
94861	gatttgagtg	cattaactca	cacttcatga	gcaggcactg	ccgtcatctc	attttataga
94921	tgaggaaact	gaggcacaga	aaggctgaga	gacctggcct	agtgcagag	ccaggattca
94981	aagccataga	tcatggtcct	gggttatgta	ggttattact	gcactctgtt	aggggagatg
95041	gggtactgtg	aggctcgtca	tgggaagcct	ggcttgggtc	caggtcaggg	aaggcagatg
95101	tgaggaaatg	acatttatgg	taaagtctga	gggttgagtg	ggtaggttgg	gaagaacatt
95161	ccagaaagaa	gcacatgaac	tacagcctgg	aggtggagga	cctaaaagga	agccagcatg
95221	gctggagcac	ggagtggcca	ttgagggagg	cagactggag	ggctgcagct	tcttgtattg
95281	gcagtgtctg	cctcgcacag	tccttgggct	ccagtgaact	cactcagtg	ttatctaaca
95341	tgagtgtgtg	aatggtgttt	gctgtttttt	tggcaaagg	cccaggggtt	gtcgggtaca
95401	caggtcctgt	ctttggccat	aagcaaactg	aaatgaggct	tggctctcct	cccaggattc
95461	cacaccatgc	ctcacatggt	agaccccgag	gggaagtatg	tgactgcctg	actcaggtgc
95521	ctctcgtgg	ccaagccatc	cctgcctgtg	cccttccctg	gttgttgcca	gacctggagc
95581	ccctgctcct	tcgctttgca	gcctcctctt	ctgtcaccaa	ctgggaaccc	acttcttcct
95641	gaaagtcctc	ccccacggac	tcaccggctt	gccccagct	tgtcaagaat	gtcccagtaa

95701	ccaggggaca	cacactgaag	tgactgaggg	gttaccttgg	agttgatgcc	ttggctcaga
95761	tccagctccc	ctgttttctt	cctctgtaac	cttggggcaac	ccaacccctc	taagcctcgg
95821	tgttctcatt	tgtgaagttg	tggtataaat	ggtagcttcc	tggtagaatt	attgtaaata
95881	ttaaattaat	caaaacatgc	aaaggaatgg	aacagtgcct	ggcacctagg	aagccttcag
95941	gaaatgctat	ctcttccctg	ttgataatct	tgacccgtac	actgcctttg	gttgccattc
96001	atgaacctgc	caccaatagt	aacaaagtgc	tggtatgcacc	ttttgtgctt	atctttgtgc
96061	taaatgtgcc	cgagggaagc	ctagggaaga	ggatgcaggt	ctttaagagc	catcagctcc
96121	agattatggc	caccccatgt	ccagcactta	gaatggaggc	caaaaccatt	ccctcggaaa
96181	ttgtgtttcc	ttgccaagat	ggggactgcg	tggttgccct	tctctgaggg	cagcgtgga
96241	tttttggcgt	ctttcctttc	ctgtcctggg	acttggcacc	ttgtagacag	ttgcatgtcc
96301	cctgcccagg	gatgggatga	ggagagggca	ggaaggcatt	tcctgggtag	tggagtgtcg
96361	cgttcattga	gtgtgggttc	tccaagctgc	tggcacagcg	cagggagggc	cagatgcctc
96421	tcaggagcct	tgggcctgag	tcctggctcc	ctcactcctg	ggttccaggt	cactgcatct
96481	gtctctccac	catgtgctcc	acctcgtgct	ggaccttaag	agataccaat	tatgtggctg
96541	ccactgtgtc	ctagaggctg	gaatgggaac	acatagggcg	agattgattg	ttaattgcta
96601	gcatgaaccg	cgtgggcttc	tcagggtcta	gagtggagag	aaatcggtaa	gaattgggtg
96661	cacgcctgtc	agaactcccc	agaccaagct	aagcagaaat	taaccaatca	gtagagcagc
96721	cttcggagta	agggctaana	tgatgtcctc	agggcctggg	tttgctttcc	ttccatgtca
96781	gtttgcttct	ttgggtcttg	ctgcattccc	agacaggcca	tgctgtcgtg	gtagcaaggt
96841	gacatgacac	agggtcaggt	ccagcaggaa	agaatgctct	cctgtgtccc	cacttcctcc
96901	agaagccaca	ctcaccatc	ccacctggct	tggtcctcat	gtctatccca	gaatccatta
96961	ctggggccag	gggactatga	cacaaccact	tggcttagac	tgaggagctc	tgtgggcagc
97021	cccacctgaa	gctctgggac	taagcctgcg	agagagatgg	attccccaag	ggaaatgggg
97081	ccattgcttg	agtaaaaagg	aaatagttgc	tgaagaggaa	aaccacgtgc	ttactccaca
97141	cagggcagac	tcctggaaga	ggggggcagg	gtagggaggt	ggatatgcag	gttgccctgg
97201	tggggctctg	aaatgggggc	cgcaggcttg	gagggaggcc	tcagtgtggc	ttggaacgtg
97261	gtgtatgggt	gtctgccgcg	aaggccggcc	tgacacaggg	tgggaggggg	gtgcttctgc
97321	atgggaagca	cagacagcgc	tgccctcctc	ttgcactcag	ctctcggggc	atgagaggct
97381	gactttccgt	gagcctgtgg	gccaggcctc	tttgaatggg	gctgagggag	ctttgcctcg
97441	gttcctttgt	gtccccacgg	tgccacggga	ggctccctgg	caggggtgtg	ggcaaggcag
97501	tgagtgaaga	gttgggatga	gtgagttagg	gccacggat	tactcaagac	aggacttcac
97561	gttgattcag	gagtgttagg	gagctgtgat	tggattttga	gcagggcagg	gatgggacag
97621	aagagtttgg	ggaaggttcc	tcaggcatcc	gtcacggaag	ggataagaag	ggagagagag
97681	tggatgccgg	ggacaccag	aagctgttat	tgtagtcagg	atgtgacagg	ggtgaggcta
97741	cagacagggg	acttgcaagc	agggagggca	gggtgagaca	ttcagaggaa	acgacgacag
97801	gaaatggtga	cagatagggg	atgaggatga	agggaaggga	gagccagtga	cgactggcag
97861	tggagtgggg	agcaccgcca	cctctcctcc	tccacttgcc	cctcctgtgg	cactggacaa
97921	gttagtgggc	ttttcgttgt	ccatgggctt	ttttgggtgg	gatgtgacca	gctttgaacc
97981	cttccccctt	aacatgctcc	tcctgcacgg	aagagacagg	ggcaggggag	agactctctc
98041	cccaccaccc	agctcaggcc	ccagcacagc	ccggcttctg	gcctcactgg	cgtctgtgcc
98101	cagtgcgcga	ggcaggtgag	ctcctggcaa	attagcattg	caggctgtgc	tctctcctcc
98161	tgctctgctg	cagctgggag	tgtgcagaga	ctggagggga	tgacagtcac	ccctctgttt
98221	tctgtggtgg	ctctgttttc	tgtggtgctg	gatgcacctc	tgttttctgt	gttggtctcc
98281	agagagtgca	cggtccttgc	tgattgaaag	aaggatgaag	ggcagaagag	gggaggggag
98341	ctgtgtgccc	taagatctca	ttgccttttt	atgccgatta	acatgctttt	agcccctact
98401	gagcttatag	ttaacagaag	tttccaggtc	tttcttcacc	tgaactgtgt	ctaaagcaag
98461	ttccctccac	cttctgtatt	tatacgcttg	atttttaaaa	cctaaatggg	cttcacattt
98521	attccttgta	aatttcatct	tggtgattgc	agtctaccct	ctggccttta	aaaattgtct
98581	gagccttgat	tcgatcatga	aaccagctta	cccttcccct	gtgtgctggc	cccagttttc
98641	taaccaggtg	ttgaatgaac	tgccagatcc	ctccgtgcaa	ggctggaatc	agtccattgt
98701	tcaactgtgc	cctttggggc	tgtggttcat	ttggctctga	tttttcctat	atgttctctc
98761	ctccaacccc	catagctcca	tcttgtctac	aagattttgt	tagaagccgt	caaaatcctg
98821	ctgactcgag	atgcactgtg	ctgcatgttt	tccccgggca	cagcaggcta	ataatcctgt
98881	tacaaagaga	aatgctgtac	atttcgagca	gtgctggccc	ctgggactca	ccgtggcctt
98941	ttctaagtgc	ttacagactc	tgtttaataa	tccattccag	aaattttcca	gggctcattg
99001	ttgagcttgg	tgttcgcaac	tttgagtgat	cagcccttct	cctttgtggg	agcaccagga
99061	cagagcagcc	tttgtccctc	cccagtctca	gttccctccc	attgccctcg	tggacctcga

99121	atgcagagct	tatgcaccta	ctgaaggctcg	tgtcagcacc	caaggcagaa	tgaggctgtc
99181	ctgggaacta	gggtaaatta	aaacagcttg	tgtctggagga	cccttttacag	cagatgaagg
99241	cctctcccca	gccagaaaag	atggagcaca	cgctgggtgg	tggccccgct	tcctcactga
99301	aaggagatgg	tgtctttctt	ttttctttct	gaattgtggc	caccttcata	ccagtctgtc
99361	atggaacact	taagccgctt	gagtgcctgc	tggtactccc	agccctgcca	tgcctgagcc
99421	ccctgcacac	aaggagccag	gagtaatcag	ggcagaccca	ttagggcacg	gggacttctg
99481	gattgtgaaa	ttggctctct	gggggccaag	gccttctaac	gttgggtgaa	gtggcctttg
99541	cttattgggt	cggattctag	gccattcatt	ccaaccttta	gagacatccc	agctttccct
99601	agcccagagt	ctgcagcccc	tccaccatcc	cacatcctcc	ccctcccttt	cctcatgaac
99661	cccagtcgcg	cctctgcctt	ctcaaaccce	tccaccatcc	cacaccctcc	tcctgcctt
99721	cctcatgaac	cccagtcgcg	cctctgcctt	ctcatccctg	cgcaccacac	aggctcgctc
99781	gtgcccggtg	agtgtctgag	ctgtcttgca	catggagtgt	ggccctgtgg	gcaagggtg
99841	ggctcttgga	ggtaggggag	ctacaggggc	gactgggagg	aggatgtcgt	gttacacacg
99901	catcagagtt	aactttgcag	tgagagcggc	cttgtctgcg	ccaaagaaca	tggaaaagca
99961	tgagtggggt	gatgtgtgcc	ttaaagcatc	agacacttgg	gcctcgggca	tcaggagcca
100021	gccacaggga	tgtctgggga	aatggcgctt	catgagatgc	aagcacacaa	gaatgcactt
100081	ggcacatctg	gggaacagca	ggcagctgat	atcactgggc	ccaccctgca	ccagggagga
100141	tggaaagcagg	tgaggagcta	gaccacactg	aggcggtggg	cgggactcag	ggtttgctca
100201	gtgagccgtt	cactatgtgc	aggggcagtt	ccccgtctga	atttaggtga	cgacactcag
100261	gtccagcctt	gccagtctca	gcctccggtc	tccgttcccc	ctctgcagag	gccactttgt
100321	ctgctgcacg	tgatcatgag	gggctgtgaa	gtgcttgccc	catcagtagc	catgtgtgca
100381	tgtgtaaata	ccatcctctg	tgtgccctgg	aggctgtcct	tcagatagca	tgtacagggtg
100441	gcagcatagg	gcctgtccct	actgagagtg	cagggaactc	agcaccgtca	actcctcgac
100501	cctgcaggtc	agattatcct	tgtagaggcc	ccctggatgg	caccaagatc	ggccctggca
100561	agcaggtgac	cctgacttca	gagcccttgc	ctgagggcct	ggcctggcag	ctctgctggt
100621	agaagcagga	ggtgtgcagg	gggtggggag	cagcccagcc	tctgtgatct	tctccatggc
100681	aggatctccc	agcaggtaga	gcagagccgg	agccaggtgc	aggccattgg	agagaaggtc
100741	tccttgggccc	aggccaagat	tgagaagatc	aagggcagca	agaaggccat	caaggtagtc
100801	cccatgcccc	tgtgtcctga	ggctactggg	cagtcacctc	atttccccgt	gcctctgagg
100861	ctgcccagtc	tctgccctgc	tgcccacttg	taccttgggc	tttcttctcg	cccaggctcc
100921	caactccacc	ctcttcctgc	caagcaatcc	tagccctctg	agcctcttgg	ggccccctca
100981	gacttgtccc	tgtgtccaca	ggtgttctcc	agtgccaaat	accctgctcc	agagcgctg
101041	caggaatatg	gctccatctt	cacgggcgcc	caggaccctg	gcctgcagag	acgccccgcg
101101	cacaggatcc	agagcaagca	ccgccccctg	gacgagcggg	ccctgcagggt	ctgctggctg
101161	cgcacataac	ttagcctgtc	acacaccagg	aggactggat	gctggggagg	agccggggcc
101221	accatagggg	tctgtccccc	agaggaggct	gactgggatg	gggtggcagc	tgattaggcc
101281	cagcaccaaa	tattcaccat	cccttgggca	tcctggccct	cccaggagaa	gctgaaggac
101341	tttctctgtg	gcgtgagcac	caagccggag	cccaggagac	atgcagaaga	gggacttggg
101401	ggtcttccca	gcaacatcag	ctctgtcagc	tccttgctgc	tcttcaacac	cacctagaac
101461	ctgtatggcc	agaaggcagg	gccgaggggt	gtgggcggga	ggcccggcct	ggcttagtg
101521	ggaccagggg	catcagacac	aggtacagca	catgggccag	gagccagggg	gtgactgggg
101581	tggtctgggt	cgggaggctt	gggaccccaa	gtgcacgctg	tgccccctgat	gatgtgggag
101641	aggaacatgg	gctcaggaca	gcgggtgtca	gcttgccctga	cccccatgtc	acctctgtag
101701	gtacaagaag	tatgtcttcc	tggacccctt	ggctggtgct	gtaacaaaga	cccatgtgat
101761	gctgggggca	gagacagagg	agaagctggt	tgatgcccc	ttgtccatca	gcaagagaga
101821	gcagctggaa	cagcaggtgg	gaggggtggg	acagaggtgg	agacaggtgc	agtggcccag
101881	ggccttgcca	gagctcctct	ccagtcaagg	ctgttggggc	ccttattcca	cccatgggag
101941	gtgcacacaa	ggtcttggtg	gctgccccct	caggtccctg	tcacctctca	catgtccctg
102001	cctaactctt	caggtccctg	agaactactt	ctatgtgcca	gacctggggc	agggtgcctga
102061	gattgatggt	ccatcctacc	tgccctgacct	gcccggcatt	gccaacgacc	tcatgtacat
102121	tgccgacctg	ggccccggca	ttgccccctc	tgccccctgg	accattccag	aactgcccac
102181	cttccacact	gaggtagccg	agcctctcaa	ggtaggtgag	ctgggttctg	ggatgggagc
102241	tgggccgggg	acctccctgc	tcacacacct	tcttccctag	acaccccaca	ctttgtgttt
102301	cagacctaca	agatggggta	ctaaccaccac	ccccaccgcc	cccaccacca	ccccagctc
102361	ctgaggtgct	ggccagtgc	ccccactcc	cacctcaac	cgcggcccct	gtaggccaag
102421	gcgccaggca	ggacgacagc	agcagcagcg	cgtctccttc	aggtgggagc	agctctttga
102481	ggccacctga	tttctggcgt	gctcagtgc	ctcgggtgga	ttttctgtgg	gtttgttaag

102541	tggtcagaaa	ttctcaat	tttgaatagt	ttccatttca	aatatcttgt	tctacttgg
102601	tcataaaata	gtggccttca	aactgtagag	ctctggactt	ctcacttcta	gggcagaggg
102661	agcctgaaca	agtgaggctc	tgggttcctc	attcctaatt	aaaccaatgg	aaagaagggg
102721	tctaataaca	aactacagca	acacattttt	catttcagct	tactgtctgt	atctcccagt
102781	gtaaccctag	catccagaag	tggcacaaaa	cccctctgct	ggctcatgtg	tgcaactgag
102841	actgtcagag	catggctagc	tcaggggtcc	agctctgcag	ggtgggggct	agagaggaag
102901	cagggagtat	ctgcacacag	gatgcccgcg	ctcaggtggg	tgcggaagtc	agtgcccagg
102961	ccccacacag	tcttcaaagg	tctggcctcc	ccagcgtggg	gctcctcggt	tgaggggagg
103021	tgacttccct	cccagcaggc	tcttggacac	agtaagcttc	cccagccctg	cctgagcagc
103081	ctttcctcct	tgccctgttc	cccacctccc	ggctccagtc	cagggagctc	ccagggaggt
103141	ggtcgacccc	tccggtggcc	gggccactct	gctagagtcc	atccgccaag	ctgggggcat
103201	cggcaaggcc	aagctgcgca	gcatgaagga	gcgaaagctg	gagaagaaga	agcagaagga
103261	gcaggagcaa	ggtgagcggg	ccctggagcc	tgcggtcgga	gggccttggg	caagatcgcc
103321	tcctcccctc	cagccctgag	tccaccgggt	gctttctgcc	caaccctgc	tcttgcacgc
103381	tggcccttgc	ttcccctagg	gcacatgctg	gaagccctgg	gctgccacca	gaggtcctca
103441	gccctcctgc	ctgggctatg	gctccttcct	ggtttgggag	ccatagtggg	gctttcctct
103501	ctaagctcac	ccagctcaaa	ctgtgacagg	agaatcttct	tcgactgcca	agagcgggtc
103561	aaggcaatgg	tcagccactg	cagcctcctg	agatattttt	agagactgga	cctgaggcct
103621	ctggaggcta	ctgatgatgc	ctgctgtgaa	cgcagacact	ggtgtgatgc	gatgcctgcg
103681	cctgcagcgg	cagtgccttg	ggcactatgg	ttttgagctt	gtaccagcgc	ctgcttttgc
103741	cttgctctgt	gaccccaggc	aagctgcctc	acctctctgg	gccagtttcc	ccatcgtaaa
103801	gtggtgctgc	acaccctggc	cctgtccccg	aggtggctgg	gaggtggctc	ctcaaacagc
103861	cgcttttctca	tcagtgccca	gtgctgggtc	agggatcgac	tgaggctctg	agctaactgg
103921	gaaacacagt	ggccttggag	ggctggggag	tgtcatgggg	gtggggacag	ggagccaccg
103981	gtcgcagtgt	actgaactct	tcacccagct	ctgtgacttt	cccgttgacg	tgagagccac
104041	gagccaagggt	gggcacttga	tgtcggatct	cttcaacaag	ctggctcatga	ggcgcaaggg
104101	taggaggcag	ggccgctgcc	cgccctgggc	cggcacattg	taattctgtc	ctgccttttt
104161	cttcctgtat	ttaagtctcc	gggggctggg	ggaaccaggg	tttcccacca	accaccctca
104221	ctcagccttt	tccctccagg	catctctggg	aaaggacctg	gggctggtga	ggggcccggg
104281	ggagcctttg	cccggtgtgc	agactccatc	cctcctctgc	cgccaccgca	gcagccacag
104341	gcagaggagg	acgaggatga	ctgggaatcc	tagggggctc	catgacacct	tcccccccag
104401	accagacttt	gggcccgttg	tctgacatgg	acacagccag	gacaagctgc	tcagacctgc
104461	ttccctggga	gggggtgacg	gaaccagcac	tgtgtggaga	ccagcttcaa	ggagcgggaag
104521	gctggccttga	ggccacacag	ctggggcggg	gacttctgtc	tgccctgtact	tcatgggggg
104581	acggctccac	ccagcctgcg	ccactgtgtt	cttctcttaa	gaggcttcca	gagaaaacgg
104641	cacaccaatc	aataaagaac	tgagcagaaa	ccaacagtgt	gcttttaata	aaggacctct
104701	agctgtgcag	gatgcaaacg	tctcgggggtc	agtgactgcc	tcctgcccct	gttggctccct
104761	aggcagtggg	ggcagaagct	cccagctgac	ctgtttctct	gggatgagag	ggaggagaga
104821	agggcagtta	gcaggggcag	ctgttgacga	tgggaggaat	agtctcccac	aaaaaagggt
104881	tcagtgcagc	acacgggggtc	tctaaaaata	gtcatgctga	gagcctaatt	gcccttggca
104941	caattgctgg	tgttggggta	gaagatgtct	tggagtttgc	tcaagtgggt	gagagggagg
105001	gaggtgccat	cgacttggag	gaactggcac	caagccaggg	agatagacat	ccaggcaagg
105061	ctgtggggca	ggttagggag	caaggctgca	ggagtgactc	aggaagaagg	tgggggagggt
105121	gacaagcccc	caggcagggg	ccctgtggcc	atggggatct	ttttaaatgt	agactagggg
105181	gtgaatagtc	cagggcagct	aactttagtt	attatagaaa	gggcagtagc	agatgggtct
105241	gctccgtctc	gcttctaaga	aggtgggcag	gacaaatggc	agcctcctgc	agaggcctag
105301	tgagaagcct	ggccctcggc	cacacaggat	ggaagacaga	ttgggttcca	cagaggggag
105361	ctgccctggg	aagatctcac	ggatggccag	gacccaccat	ttctttggga	ttcccgtttt
105421	ctccaacggg	cactaatgcc	tgtgcctggg	tcctggcaac	actctggact	ccacactctc
105481	ctgggtttca	cctttgtagc	aggatccctg	cagaccaggc	ccatgacaaa	caccgtctcc
105541	agcgggcaga	gcaaaggaag	ggcacagcgc	caggcagtgg	tgcagctgcc	tgtcaggatg
105601	aggcctactt	ctagtgaaac	tgggcagaca	aaaggcagtg	agaaatgtga	tctcgggggtg
105661	gtggaggctc	taggggaaag	aaaaggcagg	agtgaacttc	cacacagcag	caatggcaga
105721	accaaagggtg	gctttgacct	ccacgagggc	tcagatccag	gccaacagct	tgtccaggac
105781	aggggtgccgg	gtgtatcact	ggtccaggag	cactatgctg	gcagaatccc	tttgggtgct
105841	gatggccctg	ccttcgtggg	aacagaggct	aaggctttga	gttacagctg	cctccccaac
105901	agtgcacccc	cttctccctc	ctcagcctca	ggtaggagac	agggcaggca	accccttttc

105961	ctctttctccc	cttctccagc	ccctgtctgt	ccaccagct	ggaggcagcc	aggcttgcct
106021	atggactggg	tgacagcctt	catgcagagg	ttctccacca	gagcctttct	tgggggcccc
106081	tggcctgggc	tctgagctgg	gagtgaaggg	gatgaccat	gcggactgtt	tgtctgttgt
106141	agctttccct	gggaaagact	ctgccaggcc	ttggagccag	accaggaggc	tttataaggc
106201	caccgcaagc	agcagggctc	cagatgacat	cacaggggaag	atcaagaggg	tgtggagggg
106261	catcgaagcc	tctccaggag	acaggagacg	ctggtccagt	agagccctag	gggcgacgcc
106321	actcccactc	actgtctact	ctcctctcac	ctctgcaaca	ctggggacac	tcacaagagt
106381	gtgatccaag	tcggccgtcg	tcttctgcag	ctctggagac	ctgatgctag	ggaagggcat
106441	gcctggcatc	accacacacc	tggggggaga	caggagcctg	gggccggtgg	gcccacacat
106501	caccagctgc	tccgttctac	catttcttca	gccctcttgg	ctgtgcctgc	agctctgccc
106561	ctcccctctc	tgcacctacc	accagagag	ggcttgttga	gctcagagat	cccacctagg
106621	ccaatccact	gggttctgcg	gcagcgatgg	cctgcctgat	cttccacctg	ctctcccagg
106681	gccaaagcca	gacctgctga	gccccctcct	ccagccggct	ggtctgagca	gtcacagccc
106741	ggctttgggc	tccgatggca	gcagacggca	ggtaggggtc	cagctgctgg	agcgagggcc
106801	ggccacctat	cacagccaag	gagatgagca	caagcactac	ttactggcct	aggttgtcag
106861	agaagttgat	gctctcactc	atcttctcctc	caatctttcc	cctatgcctg	gttgtggtat
106921	taagttacat	gcagacaaca	ggggccagaa	gatgaacaat	ggcccatccc	actctaggca
106981	tggctcctct	ccacaggaaa	actccactcc	agtgtctcagc	ttgcaccctg	gcacaggcca
107041	gcagttgctg	gaagtcagac	acctgcagat	caagaccaca	gcatcaagac	cctgtgacct
107101	ctcaaaggac	cgggtgaaag	gacacgggaa	gtctgggcta	agagacagca	aatacacatg
107161	aacagaaaga	agaggtcaaa	gaaaaggctg	acggcaagtt	aacaaaaaga	aaaatgggtga
107221	atgatacccg	gtgctggcaa	tctcgtttaa	actacatgca	ggaacagcaa	aggaaatccg
107281	gcaatttgcg	cagtcattct	caacaccggc	catgcagcaa	aatcatcagt	ggaaatttaa
107341	aaaaatacac	atggccaggc	cccagcccaa	atcactaata	agaatctcca	gggttcacc
107401	tgttagactg	gcaaaaatcc	aaaagtaaac	actttgtgga	gaaacaggca	ttcctagaca
107461	ttgccggtgg	gatacagaac	agtacaattc	tgatggtaat	cagttaacaa	attaacata
107521	tttattttat	acttttaaac	ccaggaatcc	catatttagg	agtctactga	gaccaaacag
107581	catatgtctc	gggtgtttcc	ctataatccg	ccactactgt	tggagcaaga	ggggccggca
107641	gtgtccccag	ctgccagcag	gcgggcgtgc	tggcactaca	ccttgagcaa	gaggaccctg
107701	caatgtccct	agctgccagc	aggcggcgtg	ccaccactat	acagtaagca	agagggccct
107761	gcagtgcctc	ggcgccagca	gggggcgtg	gcgaccactg	taagcaagag	agccctgcgc
107821	ctctctgcgc	cggcgccggc	gcggcgcgcc	tctctgcgc	ggcgcgcgcc	ggggtgcctt
107881	tgcgacggcg	gagttgcgtt	ctcctcagca	cagacccgga	gagcaccgcg	agggcggacc
107941	tgcgttgtcc	tctgcacaga	tttcagtggg	actgcgaagg	cggagcagag	ttctcctcag
108001	gtcagacccg	ggcgggcggg	cgggctgagg	ataccgcgag	ggcggagctg	cgttctgctc
108061	agcacagacc	tgggggtcac	cgtaaagggtg	gagcagcatt	cccctaagca	cagaggttgg
108121	ggccactgcc	tggctttgtg	acaactcggg	gcgcatcaac	ggtgaataaa	atctttcccg
108181	ggtgcagccg	tgaataatca	aggttagaga	ccagttagag	cggttcagtg	cggaaaacgg
108241	gaaagaaaaa	gcccctctga	atcctgggca	gcgagattct	cccaaagcaa	ggcgaggggc
108301	tgcattgcag	ggtgaggggtg	agggttaggg	tttgggttgg	gtttggggtt	ggggttgggg
108361	taggggtggg	gttggggttg	gggttggggg	taggggtagg	ggtaggggta	ggggtagggt
108421	cagggtcagg	gtcagggtta	gggttttagg	gttaggattt	tagggttagg	gtaagggtta
108481	agggttgggg	ttgggggttag	gggttagggg	tagggttggg	gttgggggtt	gggttggggg
108541	tgggggttgg	gttagggtta	gctaaaccta	accctaacc	ctaaccctaa	ccccaacccc
108601	aaccctaccc	ctacccttac	ccctaacc	aaccctacc	cttaaccctt	aacccttacc
108661	ctaaccctaa	cccaaaccct	aaccctaccc	taaccctaac	ccaaccctaa	ccctaaccct
108721	accctaacc	taaacacct	aaaccgtgac	cctgaccttg	accctgacct	ttaaccttta
108781	accctaacca	taaccctaaa	ccctaaccct	aaaccctaac	cctaaaccct	aaccctaaca
108841	ctaccctacc	ctaaccctaa	cccctaacc	ctaaccctaa	ccctaccct	aaccctaac
108901	ccagccctaa	cccttaccct	aaccctaccc	taacccttaa	ccctaaccct	taaccctaac
108961	ccctaaccct	aaccctaccc	caaccctaaa	cccaacccta	acccaaccct	aaccctaac
109021	cctaaccct	accctaacc	ctagccctag	ccctagccct	aaccctaacc	ctgcacctaa
109081	ccctcaccct	aaccctcacc	ctcaccctaa	cccaacgtct	gtgctgagaa	gaatgctgct
109141	ccgcctttaa	ggtgcccccc	aggtctgtgc	tgaacagaa	gcagctccgc	cgctgcagtg
109201	ccctcagccc	gcccggccgg	gtctgacctg	agaagaactc	tgctccgcct	tcgcaatagc
109261	cccgaagtct	gtgcagagga	gaacgcagct	ccgccctcgc	gatgctctcc	ggctgtgtgc
109321	taaagagaac	gcaactccgc	cctcgcaaag	gcggcgcgcc	ggcggaggcg	cggagaggcg

109381	caggcgcgcc	gaggcgcagg	cgcgagagag	cgcaggcgcg	ccgaggcgca	ggcgcgagaga
109441	ggcgcgggcg	tcttggggag	acgcggcgca	gggcatagac	gtacgccggc	gcctccccgg
109501	aggggagggg	tcgctgggag	ggcgggagtg	aggcgcgggc	ccggcgcgca	gacgcacgtc
109561	gctgggctga	gggtggcggg	gagtgttgca	gtcgtacatt	cgcgcgcgcg	cgggcgggga
109621	gcgcgggggt	ggcgcggtgc	aggcgcgag	acacacgtac	ccggcgggcg	agagacgagt
109681	ggaacctgag	taatctgaaa	agcccgtttc	gggcgcccgc	tgcttgacgc	cgggcactac
109741	aggaccagct	tgcccacggt	gctctgccat	tgcgccccct	actggcgact	aggacaacta
109801	cagggccctc	ttgcttacag	tgtgtccag	cgcgccctgc	tggcgccggg	gcacggcagg
109861	gctctcttgc	tcgcagtata	gtggtggcat	gccgcctgct	ggcagctagg	aacattgcag
109921	ggccctcttc	ctcacattgt	agtggcagca	caccgcctg	ctggcagctg	ggcacactgc
109981	cgggccctct	tgtctgcatt	gtcgtggctg	cacgccacat	gcaggcacat	ggggactacg
110041	cagggccctc	ttgctcccgg	tgtgacggct	ggcgtcccat	attggccacc	tcctgcacca
110101	cttaaagtca	gagcgccagt	tattaatccc	catcagttct	gtaaattaaa	actgaaaagg
110161	agctattact	gcggagagct	gatgtcccag	ttattaactt	ggaagacagc	ttttcaccaa
110221	gaggcagtac	aaagatggaa	gataacttca	ttgaaaagaa	atacagtgtg	aagagcttat
110281	tgtacaaaaa	tagggaggag	taggctgata	ctgcatgaaa	acagcctaag	agtcctgtgc
110341	agggattttt	attttggaact	tcttcacatt	cctacctctg	tctcaagtct	ccgcctgttt
110401	tctttggttt	tcctgctact	gccttaggtc	cccacttgct	cccacttagc	cttgtgggac
110461	ctcctcactt	gattgaggta	catgtgtggt	gatcaatccg	aatccactct	ggcaccagcc
110521	tccttcccac	cataccaggc	aggctgacag	cgttcacggt	tgtatctact	gcagctgcct
110581	cttttgaatg	tctttctctg	ccttaatctg	tacttatggt	gccagggttt	tcttaagaat
110641	gtcccctttg	tccttcttat	cagcatgtag	ctagcaatat	tctgacattt	ttattgcaga
110701	atgaatgatg	attggggctt	cttttttttt	tttttttttg	agacggagtc	tcactctgtc
110761	acccaggcca	gactgcggac	tgcagtggcg	caatctcggc	tcactgcaag	ctccgcttcc
110821	cgggttcacg	ccattctcct	gcctcagcct	cccagtagc	tgggactaca	ggcgcccgcc
110881	accgcgccag	ctaatttttt	gtatttttag	tagagacggg	gtttcacctt	gttagccagg
110941	atgggtctcg	tctcctgacc	tcatgatcca	cccgcctcgg	cctcccacag	tgctgggatt
111001	acaggcgtga	gccaccgcgc	ccatccgatt	ggggcatctt	aagagaagtt	ctagggtggt
111061	tctgcgtagg	tacctcttct	ccctcctaac	cacaattgac	aagtgcccat	ccactccagc
111121	actagagatg	ctactaatat	gtgcattttt	ggtggtccct	ccagggtgagc	cttcacagac
111181	tttccctttt	ccaggagctc	cccctcctgt	tcatgtctag	ctagctatct	actctaacag
111241	agcccactat	cctgtgtctt	tcccaaaaat	agtgaaggaa	tgattaattg	gaaaccataa
111301	gaaatgatat	gcatgtagat	gaaaacttta	caacttacac	aaataatcac	tcaaaatcat
111361	ccttacacta	aaaatgcaaa	actatacaat	ttctagaaga	aactatagag	gaaaagctat
111421	gtgcctttgc	gtttcgtaat	gaattttaac	aatgacaca	gaaggttgat	atacacagaa
111481	gaaatgacaa	tgtggatttc	ttaatattta	cagttttatac	tctggaagag	accttggtta
111541	gagaacaaaa	agacaagcca	catggtgaag	aaaatatattg	caaaatacac	atctgagaat
111601	ttgtattcaa	aatatataaa	aaattgttaa	aactaaacaa	taagttaaac	aacccaatta
111661	aaaatgcaca	cagatctgaa	cagacacttc	accaaagaag	atctacagat	ggcaagtaca
111721	cttacaaaaa	gatgctcaac	atactagaga	actgaaaacc	acaaaaagat	agcacagctg
111781	gtctatatct	cttagaactg	ctaagctctt	taacaaatga	caaattgctg	gaggaaaacc
111841	aagaactctt	ttcattgcca	gtggaacaca	gtgtataaga	ccaaactatg	ccaccccgaa
111901	atataatggg	aggaaaccag	aatatgcaac	cccaaaaatat	gtcccctttg	cttaagaatt
111961	attccaagct	aattattttg	aaaaaaaaatg	ctaacaaagg	aagttgtgaa	aatagagaag
112021	ttacttgtgt	aaggaaaatt	tacatctata	aaggaaatca	ccatttaaaa	gctacctctc
112081	tcgacgccaa	gaagagaagg	ataactaaat	cactgaagag	tcttatcaat	ggagaatgcg
112141	tggacttaag	tctgtataac	gcaccttacc	cttgtctaat	gtgcttttgc	tggttagctc
112201	cccactactg	cacctcaaat	cttcttttct	taagttgaag	atagtattta	tgcttgaatt
112261	gaaagccacc	tggttgagat	ttactcattt	ttccctgagt	atctcccatg	taaccataag
112321	atatacatgt	ttttaaaactt	ttctgttttt	ctcattttta	tctgtcagtt	tttacagagc
112381	gttccatcta	agaattccaa	aaacagaaaa	ttattttttcc	tcccctatta	caagttgtgc
112441	atttttttcc	aaagctaaac	aagtctcacc	ttacaatcca	aaaataacat	tcctaagtat
112501	tttgacaact	actttgatgt	tatttcccat	caaaagctac	catgcagtta	tttacagaag
112561	ccctattcat	aatgaccaa	ggaaaaaaa	ggaatcagaa	agtcttaca	tagatgactg
112621	tgtgggaatc	cactcagaca	tcaaaagttg	ttataaagat	tatttaaatg	aaaacatttg
112681	agatactgaa	gatgaagaaa	tcttaccaga	acttacttta	tccaattaaa	gcagagctcc
112741	cagaaaaata	cagctgccat	taaccccatc	caaggagttt	cttgcaaat	cagctgccat

112801	gaagacagcg	tactcttttcg	cattagcatt	gataaatgaa	aatgaaattc	taagctccca
112861	actgactgaa	cagacccact	cttggctgag	gggaccccag	agtaactttc	aaaactgagt
112921	tctcagcttt	gctaggatgg	gatgatgggg	ttaagataca	catcgttata	ccccctcctt
112981	tgctaaccat	gatgaggctt	tcttccctaa	ggatttaaca	gaaaccagcc	ctttcaaagc
113041	ctccaccact	gatatcaacc	tctcctttct	tgcttgataa	gagaccaccc	acgatggaga
113101	ggttctggcc	agcgtacaga	ggatgcacag	agcgagtttt	catgtcctct	gcttcacctt
113161	ttaatgtcag	agggtgaaa	actccaccct	gggatcatgc	taacactgcc	atTTTTtGta
113221	catgggaccc	atgaagaagc	aagaaactca	attgtgcgtg	catgcatttc	tccttccata
113281	aatattcatg	actcctccta	gagcttatta	aataaatcta	tttggccatt	ccactcagca
113341	taaattgcta	tttccctttac	ctcctccttg	aagcgtctgt	ttctggcttc	tggttgagg
113401	ctatgcttcc	cagcctgtca	gaaggacaac	cctgcaggct	acaacccttt	atagataata
113461	aatctctcac	tgggtgggtg	gctcatgcct	gtaatcccag	cactttggga	ggccgagggtg
113521	ggtggatcac	ctgaggtcag	gagtttcaga	ccagcctggc	caacatgatg	aaaccctgtc
113581	gctaccaaaa	ctgcaaaaaa	ttagccagg	gtgggtgggtg	gcctctgtaa	tcccagctaa
113641	tcaggaggct	gaggcaggag	aatcgcttga	accaggagg	cggagggttg	agtgaaccaa
113701	gatcatgcca	ttgcactcca	gcctgggcaa	caagagtga	actctgtctc	aaaaaaaaat
113761	aaaaataagc	atagaaatga	agaaatgtct	cctttccaaa	tttatgaacc	tcatcatttt
113821	tcggttgaca	gcattaaaag	gttcaaaaag	acctttccat	actctcccac	agaagcccta
113881	gaaattgtca	ttttgttaat	cattctggat	gcctgagaac	ttgtaatcca	atgagtagaa
113941	agtttggtac	cccatttatg	gctgtcaacc	tgccagttct	caggagtttg	tataagcccta
114001	aatctgaaag	gatctcatcc	cattaggacc	cttgtctcct	tttctgttgc	ctttgcccac
114061	tggctatggc	aacaggggtc	tttctttctc	cttggctatc	tttggatatg	ggggctccgt
114121	cttctgtgcc	accttaggga	atgccttttg	caggcatggc	taagtcatta	aaaagccctac
114181	agtttcagta	acattttgag	tgagcactct	ctgaagctgc	gttggaatct	caggcttctt
114241	tgtctggaag	ataactcttg	ggctacaagt	ttcttatcct	agctttgggt	ttgaggctc
114301	tctgttctcc	tcttgggttg	gaagttatct	ctggcttttt	gtttcaagg	gtctctgtga
114361	tcttgatctt	gctgctttca	tgggaaacttc	tcagttcact	gaattctccc	ttctcaaac
114421	tctgctgact	atgtgttcca	ccaatatgga	actaattcta	cttcttttcc	tgtttgcatg
114481	actttactaa	gaattattta	caactttaat	ggctcctttg	agaaaatttt	tatcttccaa
114541	attgcctcct	tttagacctt	tcctttccca	gttgagtctc	tcaactccct	ataatcactg
114601	aaacttcagg	cacccactc	catgccttgg	aggctctcaa	tgtgctcaag	aatctgcaaa
114661	agcaaacacc	tggggctgaa	gaataaaaata	gaaaaaaaat	tatttctcag	cctccataag
114721	attctatgtc	aaaaaaaaga	aaatctttta	aatctccaaa	aatattgggtg	agaaaaaagc
114781	cttagccctc	atatgaagaa	gaaaaaaactt	gttccatttt	ccagatacat	agttataata
114841	caaataataa	atggggcaaa	gacaaaaacc	aagctctcta	tataaactag	tgaattttgt
114901	agttattgta	atcacattag	tcagggtctc	ccagaaaggc	agaatcaata	ggatatatgt
114961	agacagatga	gagaagattc	attaggggaa	ctgggttcaca	taattatgga	ggctgagaag
115021	ttccacaata	gcctgtctcc	aagttggaga	accaggaaaag	ctggtagcat	ggctcactcc
115081	agatacaaa	gactcagaat	cagggaagcc	aatggtgtaa	ctctgattgt	gaggccaaag
115141	gtctgagacc	ctgaagtctc	gatgtcaagg	gcaggagaag	aaggatgttt	ccatttcaga
115201	aggagataat	tcacctttcc	tcttccttgt	tattctatct	gggtctctca	ccaattggat
115261	gctgcctgta	ttcatccatt	tttatacagc	tatgaagaaa	tacctgagtc	tgagcaattt
115321	ataaagaaca	aaggggttta	atgggctgac	agttccacat	ggctgcagg	gcctcacaat
115381	catggcagaa	ggggaagcaa	agctatccct	cttcacatgg	cagcaacaag	aagtgtgag
115441	ccaaagggga	aaagcccctt	ataaaaccat	cagatcatga	gaactcactc	actgtcatga
115501	gaacatcatg	gcagtaacca	ccaccacgat	tcagtcacct	cccattgggt	ccctcccacg
115561	acatgtaggt	attacaggaa	ctacaattca	agatgagatc	tgggtgggga	cacagccaaa
115621	ccatatcagt	gcccattccac	attgggtcat	ggttatctca	gtgtcttcca	gaaacgcctt
115681	catagatatg	cccagaaatc	gtgtttgacc	agctgtgtgt	gtctctcaat	ccagtcaagt
115741	agacgtctac	aattaaccat	cagaatattt	atgcctgatt	catggctgaa	atcgtgtttg
115801	accagctatg	tgtgtctctc	aatccagtca	agtagacgtc	tacaattaac	catcagaata
115861	tttatgcctg	attcatggct	gaaatcgtgt	ttgaccagct	atgtgtgtct	ttcaatccag
115921	tcaagtagat	gtctacaatt	aaccatcaga	atatttatgc	ctgattcatg	gctgaaatcg
115981	tgtttgacca	gctatgtgtg	tctttcaatc	cagtcaagta	gatgtctaca	attaaccatc
116041	agaatattta	tgcttgattc	atggctgaaa	tcgtgtttga	ccagctatgt	gtgtctctca
116101	atccaatcaa	gtagatgcct	aaagttaacc	gtcagaatat	ttatgcctga	ttcatggctg
116161	aaatcgtgtt	tgaccagcta	tgtgtgtctc	tcaatccagt	caagtagatg	tctaaagtta

116221	accatcagaa	tattttatgcc	tgattcatgg	ctgaaatcgt	gtttgaccag	ctatgtgtgt
116281	ctctcaatcc	aatcaagtag	atgcctaaag	ttaaccgtca	gaatatattat	gcctgattca
116341	tggctgaaat	cgtgtttgac	cagctatgtg	tgtctctcaa	tccagtcgaag	tagatgtcta
116401	aaattaaccg	tcagaatatt	tatgcctgat	tcatggctga	aattgtgttt	gaccagctat
116461	gtgtgtctct	caatccactc	aagtagatgt	ctaaaattaa	ccatcagaat	atttatgcct
116521	gattcatggc	tgaaatcgtg	tttgaccagc	tatgtgtgtc	tctcaatccg	atcaagtaga
116581	tgtctaaaat	taaccgtcaa	aatattttatg	cctgattcat	ggctgaaatt	gtgtttgacc
116641	agctatgtgt	gtctcttaat	ccactcaagt	agatgtctaa	aattaaccat	cagaatattt
116701	atggctgatt	catggctgaa	atcatgtttg	accagctatg	tgtgtctctt	aatccagtca
116761	agtagatgtc	taaaattaac	catcagaata	tttatgcctg	attcatggct	gaaatcgtgt
116821	ttgaccacta	tgtgtgtctc	tcaatccgat	caagtagatg	tctgaaatta	accatcagaa
116881	tattttatgcc	tgattcatgg	ctgaaatttc	aggatgaaag	ctatgaaatc	tctattttgtg
116941	tttgtgtatc	taataatgta	tgttatgtat	atgtgatatt	ttcttaactc	cagagagcat
117001	tgcaaaaattc	atttatgaaa	tcctctaaaa	gtgctctatt	ctaacttggc	ttggaaaaaa
117061	ataagcattt	ataaataaat	attcaccaaa	ctcctagaaa	tataggaact	gatcaaatgt
117121	ttcttaagtt	aacatgattt	ggataaaact	tagttaaata	agattaatat	agtattttttg
117181	gtgtaataaaa	acaactatat	cttcaaaaatt	atcattattg	aatataaaaac	aagcataaat
117241	tcctattctg	cttgagttct	agtcaaataa	gctaataatta	tacttactag	aaacgtaaaa
117301	tccttaaagct	tatagatttg	attctaatta	agttgtcatt	cttatgaaaa	acattattttt
117361	tttatgctga	aaagatacac	atatattttag	agttagccag	ctggactcag	tttaggtgat
117421	cccaattttg	ttacaacatc	gaaagcatca	taatcaggag	caagtcgaac	atatgccttc
117481	ttctctttat	caggacaaat	caggggtgtg	accttggcca	catcactgtc	atagagcttc
117541	ttcacagcct	gtctgatctg	gtgcttgttg	gctttaacat	ccacagtga	cacaagcgtg
117601	ttgttttctt	ctatcttctt	cacggccgac	tcagtggtea	gcggaactt	gatgatagca
117661	tagtggccaa	gcttgtttct	cctgggggtg	ctcttctgag	gctatctggg	ctgcctccgg
117721	agtcacagtg	tcttgggccc	cctgaagggtg	agtgacatgc	ggatcctctt	ttttgcgtgt
117781	ggctgcggac	acctttcaac	actgccttct	tggcctttaa	agccttcgct	ttggcttcgg
117841	cttttaggag	agcaggagct	tccttcgctt	tcggtgccat	cttgtgaaaa	gcgaaaaaca
117901	ttattttcaa	aataatttgt	ttacagtaaa	tctgcctaag	aatagtttcc	aaagtacttt
117961	tggttaatttt	taaccttaaa	gttaatttaa	ttaaaagatt	tgcattaaat	atctagacca
118021	tttataaata	agatacaata	ctaaaacatt	aattactgaa	cataaataat	tcaagtttat
118081	atacttttgg	cttcctattt	ttacagagag	actaaagata	ttttggcccc	ttaataaaca
118141	tgtttttttc	tgccacactg	aggaattgta	ttatgaggaa	acacatccct	ctagatgttg
118201	ggagatggta	tattcataca	ttttctaacc	tactatagaa	tgctaataata	tgacagttta
118261	taactgtcta	cttcctagtt	ttctctggaa	aataaaaagat	tactaagtat	taaaattata
118321	atcaatatat	gtaaaataaaa	ctactagaaa	taatagaata	actagaaaca	actctatgca
118381	aagcatgcaa	gaaaagtagg	gcatgttttcg	caagtaaagt	aggttgcat	ttttataagg
118441	aaaaccatac	agaagataca	aataaaaaaga	gatacctaac	cttccctgtg	ttatatttgt
118501	atgggtaaaa	tgttatgttt	tcagaaatta	tataaaaattc	ctggaagttt	gtcaatgtcc
118561	tccttatcca	tgctatgtgc	cactatagag	taatgagtca	taattccaat	tattacttta
118621	aatgttgttg	caggcacagt	ggctcatgcc	tataatccca	gcacttttag	aggctgaggc
118681	gggtggatca	caaggtcagg	acatccagac	catcctggct	aaccgggtga	atctccatct
118741	ctattaaaaa	tataaaaaat	tagccgggcg	tgatggcagg	cacctgtagt	cccagctact
118801	cgggaggctg	aggcaggaga	atggcgtgaa	cccaggagac	agagcttgca	gtgagccgag
118861	atcgcaccgc	tgcactccag	cctgggcgac	agagcaagac	tctgtctcta	aataaataaaa
118921	taaataaatg	ttgtctgcca	cagaaaaaat	cgaatatcct	tgtcagttgt	ggtataacga
118981	actctcatca	gatctttcat	cacagccatt	tcatactttt	tgtcatttag	atattatttc
119041	cccctgatgc	tttcctgaaa	gtccttgcaa	tcaactacag	gtcagaatgt	tcgtctccaa
119101	gacaggactc	cctctgagac	tcacagaaaa	gactatgaca	ggtactctgg	ttataggctt
119161	ctgatgatat	tgtcttaata	actttaagac	catacacttg	actcagttaa	ggtctccaga
119221	agtccggttg	ggaacctgat	gggttcatga	cactgctaac	tcaagatcca	caagactgga
119281	attgattaca	tggcactgaa	tgaactgatg	aaaattgatt	ataattgtat	agcttttttg
119341	agcattgctg	gttaatatcc	tagtttctgg	atttaagaaa	tctctttctc	ttactctaac
119401	tgtaaacttac	aacaattttag	tagattatac	ttttgtaaaac	agaaatgaag	cgtttatctt
119461	tttttcttgc	ctgatttttc	cagaattttt	aaatcccttac	tgaatactct	tatttccacg
119521	atgatatagt	tgttagcaaa	agtccaataa	gaatctattc	accttataac	aggacataat
119581	tgggaaatttt	ggttatatta	tcaaggtttt	tactggaata	tcatatttag	gaagtgtacc

119641	taagatcagt	tatgaccagc	aatttttaagg	aagtaagggt	gactttttatg	gagacaatgc
119701	ttacaaagca	ctgtggaaaa	ctttgaggaa	agttcttcct	caaagattat	aaagtcacaa
119761	ctaccacta	tttttatatg	tatgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtt
119821	ccaaatcact	tgtcctagct	tgtccagca	tgcttgaca	gaactagaca	agccccagcc
119881	catagtgc	gccattcctt	atgttgagat	gcttccttaa	ctatccctgg	gcaacttcct
119941	tttctttctt	tcttctatct	cccttaccta	attaagaaag	ttttaaacta	acagccaatc
120001	gggtaaagt	taaaatggga	ggctctatct	cagccaatgg	aaactggaca	cagcagtagg
120061	gtaaacacgt	caggttataa	gtaactctgt	ctcctttgtt	tggtgtgctc	ttgtagctgg
120121	acagctattg	agtagcaccc	tttgtgcaga	aaaataaagc	tcgccttgct	aagagatcat
120181	ttgttcccat	gttagttctt	tttttttgag	gggggaacat	aaaaaacttc	attcccaaca
120241	gcactctgag	aaaaccagc	ctgataccta	gattacaggg	ttcacagcct	tataggttag
120301	taaggaagg	catttcctga	tagggccagg	aatttaggga	tattttgggg	cctcaagaag
120361	agaggaattc	acacaaagct	ataaggactg	cagctgaaat	ttgacagtat	gttcttggtc
120421	tggtcttttag	cctgaataag	gcctttaaaa	gtcaaactct	agattctgta	tgaaaacttc
120481	cagcaaagaa	acctgaaagc	acctacgtgg	tcctctcctg	ttcttgctgc	acttacgtaa
120541	ataatcaagc	aaaatctaac	aaaactagac	ttatttttaa	aacaagaata	gtcttacttt
120601	gattatgatc	aaaaatgatg	gttactacag	agagaaatct	tatctttcaa	aggaaaagta
120661	taacacagcc	gggcatgggt	gcacatgcct	ataattacag	ccctttggaa	ggccaggagt
120721	tcaacatcag	cctgggcaac	atgggtgaaac	cccgtctcta	ccaaaaatac	aaaaattaga
120781	tggtgcatgac	ggcatgtgcc	tgtagtccca	ggtaatcagg	aggctgagga	gggaggatcg
120841	tttgcaccca	ggaggtagag	gttgtagtga	gctgagattg	cacctttgca	ctccagcctg
120901	ggcgacagag	ccagaccctg	tctcaaaaaa	aattttttta	aaggaaaact	atagccattg
120961	tgagtatatca	gattctagtc	ttgtttcttg	tttctgggct	atttttacct	ctttgtaaac
121021	tggtatcctgc	catctgatga	attttgtccc	acagtgatac	ttggggaaca	agaagccaag
121081	tattgtctct	cctactaatg	tatctattgt	cagttaatct	gaaggctctc	aaccctggaa
121141	caaagttaga	agaggaagg	tctgctcccc	aaaatgcata	accaaattgt	gtacattcca
121201	tgtaattgaa	tactatttag	ccatagaaag	gaacaagata	tcaacacaca	caaagacatg
121261	agtgaatctt	gcatgcacat	tgctaagtgg	aagaagacag	tctgaggagg	atacacacag
121321	tgtgacctca	tttaattgaga	cactggagaa	ggcaaactac	acagatggga	agccattggc
121381	tccatgggg	gggggtttga	ggcattccat	atgatacttt	aatagtggga	tatctgtcac
121441	aatgcatttg	tcgaaatatg	cagaatttta	cagccaagt	gttaaagcaa	actctattca
121501	aattaaatca	aattactcag	gatgtggagt	atcccaggac	agaatacatc	atgtgaaaaa
121561	gaatttatgc	tacaaattac	tatggtttgg	atgtggttgg	tccccacaaa	aactcatggt
121621	gaaatttgac	tcccactgtg	tcagtgtggg	gcggtggggc	ctagtggacg	gtgtttgggt
121681	catggggacg	gatccctcat	gaatagatta	atgtcctcca	tgggggtgag	tgagttctgt
121741	tctcacagga	atagataatt	cctgcaggag	taggtaatta	aaaagagtct	ggcttccttg
121801	gcttccctct	tgtcttcact	tctgctatgt	gatctctggg	gcacccttgg	ctcccttcc
121861	actttccacc	atgaggtgaa	aaagactgag	gccctgccag	atgcaactgc	ccaatctcag
121921	acattccagc	caccagtatt	gtgaaccaa	tgaactttt	ttacttataa	attacgcagc
121981	ctcaggtatt	ctgttacaga	agcacaaaat	ggactaagac	acaaatctag	gtaaaaactt
122041	tgaaaatgaa	tagaatctgt	aggctgaagg	cacatgaact	atacttcatt	attggattcc
122101	atttttataa	gttctttcca	acagaagcaa	ttgtgaacaa	ttgtaaaacc	acagtgtctg
122161	tatctggaat	aaaacaatga	cttacataag	tcgcagatgg	tgggaaccag	gtttcttact
122221	gttgaagtgg	gaggttacaa	attagcaagg	cgagaaggct	agaatgattc	atgtgatagt
122281	agatcagagg	tgagacatc	aacgtaaact	tatgttttag	ttaatataga	cacacacagt
122341	tctacataga	aaactttata	attaggtgtg	tataggtagg	ttagacacac	acataactt
122401	cctagcattg	ccaatgagg	agaagataca	atgtgttcat	tcagcagcca	gatgtaagtt
122461	ttcctaccat	tctgaaagga	atcaggctct	ttgaagaaat	gtctgatact	agaactggga
122521	cagtaaatat	aggaaccagg	ataatctgga	agtatcagaa	agtaagtact	aaaaaaatta
122581	aaacatatca	aagaaaaata	agagccaata	aaaacagcta	ctgatggcca	acacaggaat
122641	gaattgtgca	acataatact	gtagtgttga	ataataacta	aagcttaaag	taattatcta
122701	ggtgtctgta	tttgtatacc	tcggtgaata	agcaaagga	gttgcataga	aatctccttt
122761	gcaaaagaat	tccaaataat	tgatgtagac	actcagccat	caagaagggt	gagccaactc
122821	cttacggagt	gaggctctgc	atagtgactt	gctccaaaag	aacacatgca	gtatggacaa
122881	ggaggagaaa	taacctcaca	gtggagaaac	ctgacaaaca	ttagctcttc	caaagatgcc
122941	aagtgaacat	caaagggtgac	agttcacctt	gagaacatga	agtgacaatg	ggggacattc
123001	tacaacattc	ctgaccaatc	ctcctcagtg	ctatgaagg	catcatgaga	tggaaagcct

123061	gacacactgt	cacagccagg	aagagcccac	gtgatgtcta	catgtcatgc	gggatcctgg
123121	atgggatcct	gggtcagagt	aagatagaac	taagggaatc	caaataaagt	atgaacttca
123181	gttaataata	gtctatcagt	attggttcat	taactgtgac	aaattatgta	agatattaat
123241	aagccatgtg	agacacactg	atagaagatg	ttaataagag	aggaaactag	gttgcggtcta
123301	catgggaaat	ctctgctttt	ttttgacaat	ttctgtgtaa	gtaaaaaaga	tgatgtaaaa
123361	taaaacttta	tttaaaacac	tgtttttttt	gaacacttcc	ttgtttaatt	atttatacca
123421	tgaattacta	gtaattgaca	ctgttaacta	gtcctgtttt	tttaataaag	agtattttatg
123481	acacaaaaaa	ttaaacagtg	cagactgata	cataaatcaa	atgttcttta	catgttttct
123541	gttgacgtag	taacacatat	gtgtaaactt	aattatcacg	tttttcttgt	gctgtgggtg
123601	tgtcctgagt	tcatttctta	aaatgctgtt	cacttttagac	caggaaaaat	attaaccata
123661	cagactctgt	tttaattcat	agctaaatat	tttcaaaaga	gtgactttgt	aaaaatatgt
123721	tccaatggca	aattgattca	ttgtgatggg	atcacttatt	ccaaagactt	cctgtcttta
123781	ttttgttgcc	atgcctacct	tttagccatg	atacaacaga	atcaaataat	ggccactggg
123841	aaaaaatatt	caaagcaaga	aagaatgtga	acagaactta	tgaccatgat	gattcaatgt
123901	tttaccacaa	tgcttttctaa	aacagaagag	tgtaaaagga	tattcaaagt	caatttcctc
123961	agcgaggctt	tgcagaaaaat	gaggaaacta	cagaaacaaa	aatagcagga	cattctacgg
124021	gtgatttttaa	atgttgctat	gttttatggg	aaaaaaatac	tttacctttt	aaagaatcac
124081	aaagaattat	tggaaaccca	aactctggaa	tgtttgcaaa	tttagttgag	cttctatgta
124141	attatgtcta	tataggtagc	caggaagttg	atgatttttt	aaaaatctgt	gccttatttg
124201	tgtgataaaa	tacacaatga	ataattaatg	ctcataggaa	aaccttatga	agggaaaata
124261	aatcttgggg	acccaaaatc	actaagctaa	agggaaaagt	caagctggga	actgcttagg
124321	gtaaacccgc	ctcccattgt	atccaaagtc	acctatctgc	tcaccgagat	aatgcatac
124381	ctgattgcct	catttgagga	gggtaatcag	caatgcaaaa	gaatgaaacc	atttgtctct
124441	tacctaccta	tgacctggaa	gccccctgtc	tggccttctc	acctttctgg	actgaaccaa
124501	tgtacatctt	acacgtattg	attgatgtct	catgtctccc	taaagtgtat	aaaaccaagc
124561	tgtgccccga	ccaccttggg	cccatgttgt	caggacctcc	tggggaggcg	tcacggggcg
124621	acatcctcaa	gattggcaaa	ataaactttc	taaaaaatct	gagagctgtc	tcagattttc
124681	agggttcaca	catgtaatgt	aggatgtcaa	tgtttataaa	acagacatta	ttctatctac
124741	tattagaaat	atgctgccaa	ttaaccttac	actttctcaa	caaaaataaa	aatgttgatg
124801	aggtacaaat	aatatatcta	agcttaaata	gtgttacaag	ttttaatatg	cctatttttc
124861	aattttttcaa	tactattttt	actaatttaa	cactttaagt	gaataactaa	aacatgaata
124921	agtgtttaca	aggggtgcac	atgtttcctc	cagcctctgc	ctatccccag	ctttcatccc
124981	aactgtcttg	atgggtggctc	taagcatttc	tcctttctct	atgccaaagt	ctctcccaga
125041	aacaaaccca	aatcttacta	tatgttatgg	cacgctatga	tgatgagcag	cgatgagcag
125101	ccgaagcctc	aaggaaggga	tgcttttgta	aaacaagact	tgtagaatat	aacgtgtgaa
125161	agtaaagccc	atggcagagc	tccctcctca	gcacacgggg	agcagacagg	aagcttttgc
125221	ctcaccttcc	tcaatggcct	gcagccacgt	ctcccagggtc	agtcttaagg	acaacgaaac
125281	tctggtcttc	actgtggaca	tgccacacta	ccaggtgctc	caaagccatg	gtgacccatc
125341	cgcgggtggg	tcctgagaac	aaagctctgg	ttctaatect	aaccctaacc	ctgtcccaag
125401	acttttgagcc	tgaacctaaa	tcctgatccc	taccttggtc	cttaattctg	acccttactt
125461	taaccctgac	tttgatcttg	accctgacca	tgaccccatc	tctaaccata	cttcgggccc
125521	cgactctgac	ccagatccta	atcctatgcc	taaccctatt	attatcttta	caatctatct
125581	ctactcttac	cctctagtgc	taaatagctg	tacccaaaag	cactttttaa	ttatttcttt
125641	tcttgaattc	tctatggaca	tcctaaagga	gatgtcaata	tgtattgcat	tcctctgag
125701	tggtatggct	tcagatatga	agttctaata	ctttgcaaga	cataaaaagt	ttggagggtta
125761	acagcactgg	gttggttaggg	atgtatgttg	gcattcatga	tagtcattgg	tgtgtttctc
125821	caaataatatt	cagttcattt	tttatgaatg	cattctgact	gttccatccc	acctacttaa
125881	attttcccat	ggccacatga	cttttttttt	tttttttttt	tttttttttt	ttttttttgc
125941	caatggagggt	gagaagaaat	aacgtgactt	tttcaggaga	aatctccaag	aaacagcggt
126001	ctattccgca	tgcttttttt	tcttttctat	agcaatgggg	atcttattga	tggccctccc
126061	ttccttctgg	attcctgtgt	taggatgaca	cagcacagag	ctacctctca	cctgaccagt
126121	catgagatgt	aaataaatga	ggaagaagat	ttttgagcca	ctgaaatttg	gaggttggtt
126181	gtcaccacag	tttaagctag	ccccactga	ctgatgcacg	gctgaagaat	gagtcggaac
126241	tggctctgga	caagacatgt	gaagagcgct	ccaggctgag	taaaattcaa	gggttgccctc
126301	aaagatagca	gtgagcacga	tatgttattg	gggtgggtgt	gggataaata	aggtatatca
126361	ggtgagaata	ataagaaact	caacttttaa	agacggcgct	gatttgcact	gtggagagat
126421	tcaaatgccc	tgcttagcat	ttgagattgt	gatggatgaa	caaactaatt	aagagcccaa

126481	aatgaaagct	ggggataaat	atctgaaagt	gtctaataatc	ccaatTTTTc	atcctagaat
126541	gggcagagtc	cttgacccca	ttctagggag	acttccaaaa	gaaaaaagac	ctgcatttct
126601	tcaacaaccc	acactgaggg	acttttcctgc	actttttgtga	cctgtggcta	acactcctca
126661	ccttttcattc	tgtcatcagt	gttttgggga	agcaccttta	actctctgtg	atttacaggt
126721	tattaagtgg	cccttacaat	tcctccaga	gatggaaaag	acatgttgat	ggtgcctgag
126781	ctcacagcag	caagcaggcg	tgtgtgctca	gcagccacgt	ggctcatctg	ctaggagctt
126841	gctaaacaca	atgttctaca	acattgctta	acgcaagggtg	agacgctcct	gactcagagg
126901	gtttaattgc	tcacctactt	ctttttctgc	cctcttgggc	ttctgaaatg	aaaagaaccc
126961	tgggggtgata	cagtgagtca	aaggggtgcc	agccgcataca	cagcataata	gattcctaaa
127021	aaatccctgg	cctaagatga	cagccttggc	tggataagtt	tgaatgtgct	gatagtggat
127081	atggtagaat	gaagggtggt	gaaatgttca	tattaaagaa	cttccacca	gattgcaaga
127141	aaagagagag	gaatggagat	ggcagcacga	gccctacaa	taaaagcaga	tgttttgaga
127201	tcagttatat	ttcttctgac	aaaaattaaa	gacagaaacc	aaagtttagc	ctgaggctac
127261	aattaattgg	gcaataagcc	agaggcacat	atggcataga	cagattttaa	catttctccc
127321	ttatattaat	acaaacacta	aaattacaaa	tacatggatt	ccaataaaaa	caaatatatt
127381	aaaatttaat	gaataaacac	tggggctctac	agtagtattt	gaaggagatc	tcacaaacag
127441	gtttggtttt	tgaaggtttag	aactggctgt	ctagagaatt	catttcatct	cagagaaata
127501	aagagaggaa	tttcttgggt	tccttcagga	atgcatctag	ctttgcctca	tctttgtttg
127561	aactatggat	acggcagaag	aaaacatgag	gatttcacag	atttaagggtg	caaaaagtca
127621	ctgggttctc	taagaagact	gggattcctc	tgctggaaaa	ataagtttgt	tgagaaaaaa
127681	tgagttggag	gaggctgtta	ttgaagtga	gcagaattgt	ttttactaat	ctgcttatta
127741	cccactctgt	agtgtggaaa	caaattattc	atgcacaagg	tcctcttact	gttcctagaa
127801	tgcagtggaa	agagaacaga	ttagttttcc	tcctcagaa	cacaaccct	agaaacatcc
127861	tacctcagat	gagatattgc	ctaattattt	tcaaaaaaca	gtaaaacatc	atggatgtaa
127921	atgtttgctg	caaaataaat	acgtgctaga	aacagaagca	tctgggtcac	agctatatta
127981	gagctacctg	tgttcccctg	tcactgacat	taaaacaaaa	atgtccaata	cgatccttca
128041	cagtgtggga	gaggggaaga	tgaaggatgg	aaaggccagg	cataaaagga	tttcagaatt
128101	tccgtccata	aggaagtggc	tttgtgcact	gtctgttact	gcgtgcaagg	tgaaatttga
128161	agaatgaaaa	catgcagtaa	caagggtccc	tttgtccaac	tcacctctcc	agataccaag
128221	tttcagacat	gttgcatttt	aattgaaagg	ttgatataat	ttttttttaa	gaacacttgc
128281	ggtgtttgaa	gtgacaaagg	ctgctgtgac	aaaaaagcag	ggaaagggaa	ttttttttta
128341	aaaaagcaaa	caacaacaac	aaaaacccca	gagaaaagca	aacaacaac	aaacaaaaaa
128401	cagaggaaga	agtcaaacac	cctgggctgt	gactacttcc	aggaaggggc	tacaagaggc
128461	agttggaat	tctatttgct	ttgcaactgt	gggttttctg	gcctgcttcc	tttctaaagt
128521	atattactct	gcttttggtt	catgaagtta	tccatttctg	ttttctggaa	cagctatgta
128581	ttttctttat	ctatcatcta	tctatctgtt	taccatctat	cttttctacc	tttcgctatc
128641	aagagcttgg	gtcaagcagg	atagaattcc	agtgtatgtt	caactctacca	tttaaaacaa
128701	gagctcttgt	gggcattctc	catcacatca	taaacctgag	ctttctaaaa	cagagtgtgg
128761	caaactacca	tgcattggacc	atgtctgaca	cagtctgcgt	ttgtaagtaa	agttgtaatg
128821	ggacacagcc	aatacatgtg	ttacataatg	tctctggcta	ctttcacggg	ataatggaag
128881	agcagagtca	ttgagagaga	gaccatatgg	cttggaacaa	ttgaaatatt	taacacttag
128941	ccccttgtag	aaaatatttg	ctgactcttg	ttttaaaaga	tctctgttta	gaatgctacc
129001	tattgccttc	tggatagaat	cgcaactctt	taccacaatc	gacacagctt	cagccctgct
129061	tctatatcca	gcctcatctg	tttctgctcc	tcctccttat	tttcttctg	gacatgctga
129121	tggattgtca	gcttcccaga	tgtgcgagaa	tctctcctcc	cttcccacaa	ttctcacaat
129181	ctccctctgc	ctctcaagaa	cttctgtccc	catctctcat	gacaaatcct	ttcttcattc
129241	tttaagatgc	agccccttgg	ctctttcctt	aaggatgtct	gtctggctct	attttgggtg
129301	acgtgctcct	tctgcatctc	ccagagccag	ccggtgtgtg	tcagctacaa	catttctttg
129361	catctctgtg	tcgtatatca	ccaaatctgc	ctaagcttgc	atgagtcact	gcatgacaac
129421	ttcagactcc	accagcattg	tccccactaa	ccacaaggct	tagacattcg	tccagtatgc
129481	tcgggggttgt	gggggtggtg	cagtaaccag	ctggtgacca	tcatttctta	catcagaatc
129541	aaatctgtag	atctctgcca	ttcataagta	tttgaggttt	aaaattagca	taaagatttt
129601	ccttaaaaata	agaacaaatg	gcttgagtag	gcttttggaa	cgtaggatgt	ttccactggg
129661	tcatgtctgt	gttcagtatt	cccacatgaa	tctaaacacg	actctgctct	tagtagctgt
129721	gtgaccctgg	gacagtcact	cagtctccct	cagctaaatt	ttgttgtgtg	agtaatgagg
129781	agagagttgt	gatttgtatt	tagtgaataa	taacaaacaa	aaggcattta	gctttctgga
129841	acatggtatg	tagtagaacc	tcatgaaaat	actagctgtt	gataaaaacta	gactgaaaaa

129901	agcttttcaaa	gtcaacaaca	gtatgaggca	gtgaaggacg	tagaggagaa	gctgctgctg
129961	cagcctgtag	ctcctggaag	cccgttttgt	ccatgattta	gcaggaactc	attacctttc
130021	catgaggaca	ctgcccacag	aaaccaaggc	cattctttga	agacaaacat	gtcttaatag
130081	cctttacatt	atgtaatagt	gtaatacaaa	taataattta	ttattagtaa	taatgtgaaa
130141	ttattttacag	taccataacc	ctaaccataa	cccctaatac	taaccctaac	cctaaccctt
130201	aacccttaac	cctaaccctt	aacccttaac	cccaaccctt	aaccctaacc	cctaaccctt
130261	aaccctaacc	cctgaccttg	accctaacc	taacccttaa	ccatgactct	gaccctgacc
130321	ctaactctga	ccctacccta	accctaacc	ctaaccctca	ccccccacc	tcaccatcac
130381	cctaacccaa	ccctaacc	acgactgtaa	gccgtttaca	ggaaactcaa	gccaaaacac
130441	tacttgtttc	caacgttttg	tttgagag	atttacaat	tacactcaa	aacaagatag
130501	ccacagagca	tactacttct	cctctgaagt	cgctctgagg	gcctccgc	cagtcctaga
130561	attggaagat	tgggtggaca	gaactgggat	gttgatggg	cactgaatat	ttgctggaca
130621	ccaacctcct	gttacctaac	cttacagagg	gccagatct	cacctgcca	aatcagacat
130681	tttaacacac	acacctctca	acagcaggac	ttacacacac	aaaactctga	ggtaaagaaa
130741	ggattgtctc	aactccttgg	tgtctcaacg	aactaaaaca	ctgcctagcg	caggtgcacc
130801	atcaacctta	ttcactaaat	acacctctgt	atatattctt	catctttgat	tgtggaaatg
130861	atataatcaa	cataaaaatg	ttttatagat	tggactaaag	acctttgagg	tctcttcaca
130921	ggatcctatc	tggcggaccc	ccaaatctgc	caacacagag	gtcatccgta	aacatgtgca
130981	ggacagaggc	cagacaaaac	catctctctc	agcctcaaag	tggcctggca	gtcacatgtg
131041	gggtctggcc	tgtgtgagga	agtcaggctt	tcggctccag	gcaccctact	gcaccgcaa
131101	accaagtctt	gcctaacaaa	caaaaaacag	cctgctcact	ctccctaata	tcccagggtg
131161	taacctaa	gcattatgct	agacaccctt	cctcctccac	cctccatgtc	caagctatca
131221	ccaaggtcct	agcaatctta	cctcctaata	gtctcccaa	tccacttctc	tcccttcaat
131281	gtccaggcca	ccagcatgac	ttctgcatgt	gtgtagcagc	ctccgcgcag	gacgtaaaga
131341	tgcaaatcta	gtcgtaggct	ctctgaaagg	aaaatttttg	ggacccaaaa	ttactaagct
131401	aaaggaaaag	tcaagctggg	aactgctcag	ggcaaacctg	cctccctttc	tattccaagt
131461	cacctatctc	ctcactaaga	taggtgcata	tctgattccc	tgctttggag	aggctaata
131521	gaaactcaaa	acaatgcaac	ctttgtctct	cacctacctg	tgaccttgga	agccccctcc
131581	ctgcttccag	ttgtccccac	ctttctggat	ggaagcaacg	tacttcttac	atatattgat
131641	tgatgtctca	tgtctcccta	aaaccaagct	gtgccttgac	caccttgggc	acatgtcgtc
131701	aagacctcct	gaggctgtgt	cacgggtgca	cgtctttcta	aattacctga	aaccatctca
131761	gatagggttc	acacatccct	ttcccgaacc	ctcccaggag	cccctcgtgg	gcgcccagg
131821	cctgcctgct	gttggtggcc	aggctcacct	ggagcaactc	gactcttcgt	tacagcctcg
131881	tgaacctttc	agttcctaaa	gctgtctagc	ctgtgaaagg	aaaatgaatc	tggggggccc
131941	aaaatcacta	agctaaagg	aaaaaagctg	ggaactgctt	agggcaaacc	tgccctccca
132001	tctattcaaa	gtcacccttc	tgctcactga	gatagggtta	tatgtgatag	cctcctttgc
132061	ggaggctatt	cagaaaccg	aaagaatata	acagtttgct	tctcacctac	ctgtgacctg
132121	gaagccccct	ccctgcttcg	agttgtcccg	cctttcccga	gggaaccaac	gttcacttta
132181	catatatatga	tgtctcctgt	ctccctaaaa	tgtataaaag	caagctgtgt	cccagaccac
132241	tttggcacat	gtcaagacct	cctgaggctg	tgtcacgggc	gtgcgtcctc	aaccttgga
132301	aaataaactt	tctaaattga	ctgagaccgt	ctcacatatt	cgaggttcac	aagcccacgc
132361	atggggacgt	cccctggggt	agcgcccttc	ctccactgag	ctcactcgtc	tctccttgt
132421	gtgttttctt	cagaagaaat	ttcacagcta	cttggtccac	acctgtctgc	cccacaggaa
132481	cctctcttct	ccacaggcac	atggggcgcg	tacctgctgg	gctgtgtgga	gaggaccggg
132541	ttcctctcct	gattcctgct	cagttaataa	cgaatgtcga	caagtcgaga	aaattgctca
132601	aattttacccc	atcaaagaat	taaaaactgg	tgaagccttg	acctgcgcc	cccaccctg
132661	acgtgctcac	cgtccactc	cctctaggcg	ggcggcaccc	gctgaagcct	cagtaccaca
132721	cccacagcca	ggagccccag	tcccgccactc	ggccgcacgc	gcactccctg	cggccctccc
132781	gccaggcgcc	gcgctgggca	gccagcgccc	cggcggggtc	cttcaggcct	tcggccgggc
132841	agcctccctc	ggggctcctg	cgcggttgcg	tagcagctgc	gaggacgcgg	ggcgagccgg
132901	aagtggagtg	cgctgcggtg	cgagctgggc	cggcggggtg	gttcgagagc	gcgcagagtc
132961	cagactggcg	gcagggcccg	aggggcccgc	ccgcagcgtc	cctggtctct	ccagccctca
133021	ctcggaaccg	cacgtgagg	caaatccgcc	ccggtggctg	gcttagcacg	cggggacagc
133081	ccctccgagg	cctccctagc	ggtgtggg	agagggcgtc	cgggtcgggg	gaagcacgga
133141	aagggtggctt	cgcgaggctg	ttgtggggg	cgggacgggc	agcctggcga	tgccctggaca
133201	tgggttggtg	ccaaaaacat	ttatcgaaag	atagcatacc	cacttagatg	gcgaggacat
133261	cgacaagcaa	gtcttcgccc	gtaagcggtg	gctcacgcct	atagtccagg	gatgccgagg

133321	agggaggatc	gcttgagtcc	aggagttgga	ggctgcagtg	agccgtgatc	gcgccactgc
133381	actccagcct	gggcgacaga	gtgagaccct	atctctaaac	aaaagaaaga	acgtcttcaa
133441	gcatggagcc	atgaagctgg	at ttggcttt	ctgtcgtctc	ctctacaggg	tacaggtgaa
133501	agggggcaga	cccctcatca	tgttttccag	gcatctgcca	cttcccagga	attgtctccc
133561	tggataaaca	aggcgaagtc	cctggctgtg	cagaagcagt	agctgtgtgg	tggcacagtc
133621	aggaaaactc	ggggggccctg	ttggtat ttt	ctacccctga	cccgtgtgca	tacttctgtc
133681	gtagctctca	ccacagtaga	ctctgtctatc	attgtgtctt	ccatcctctg	aaccctgtgc
133741	aaggtctgct	catggtgaat	gccagtaag	gctcacctat	tgctgtctatc	tcatcatcat
133801	atcatttcta	tgtgcccccc	tagctaagag	tctggactgt	ggttacattc	tcaggaatgt
133861	ctgcaaagtc	atat ttaggt	gtgaggagag	taaaacagag	ctagacataa	tgttgcacac
133921	agcctttggc	actggatgcc	tgggtaatgt	cttgtgcaaa	tgggtaacgt	gaggagcagc
133981	at ttgggggtg	cgcaggactt	aactatttgt	gtataacata	ttactgatgc	ctgtgtgtca
134041	tcctctgcta	ctccaagtct	agtagccaat	tgcataccat	atctcagtct	ggcactgagg
134101	gaagcagtct	ggatggagggt	acagctggag	at ttgggttga	ggggacttat	ctctgacaac
134161	agcctcttgt	tgatcttccc	agacagtgc	aataccctcc	cctcccttgg	gctggacccc
134221	tctctacagc	taggagccaa	tggcagaaga	caaaaccaa	ccgagtgaag	tggaccaagg
134281	gaagtatgat	gctgatgaca	acgtgaagat	catctgcctg	ggagacagcg	cagtgggcaa
134341	atccaagtat	gttgggagat	tagggaataa	ataccagccc	cagagagggt	ccaggtcatt
134401	taaaaagtcc	tccagaggca	gaggagcatg	gcttcttggg	gctgggtgaag	gagcagtctt
134461	ggctggagcc	cagatgttca	tgggggaacg	aggggaatca	catgaccctg	tgtgtgtgtc
134521	gggtggagg	ggcagggtcat	aaggactgag	gaatttgaat	gtttcctctg	agccctgaga
134581	gaacgtgtgg	agcaactgag	gacattgtat	gtggtttgtg	ggctgaggga	tggcaagggc
134641	ggggagtggg	aatggaaaga	caaaagtgc	tatgccaccg	tgacagattg	ggtaaagggtg
134701	gtaaagatgc	tttcttggag	ggactctctg	aaatagagaa	aactgggtag	aactgacgat
134761	tgactataat	cattgtgaag	actggcttct	tcttgaatg	aatttcgggtg	cctacatgcc
134821	acctggagag	gtgaaggag	gctctgccgt	gctgccagct	tgtctccatg	agacgtccta
134881	gttctcacgc	ctaggactgc	tgagggcaca	tgctccattc	cgccttcata	gcatgacggt
134941	acacttgccc	ctgcccagag	aagtggtcac	gtttatctcc	caagtactcc	aggcccacct
135001	tggtttctac	cttcattttt	atagtcaagt	cctttgactc	aggtagctgt	gaataattct
135061	ctggggggctt	tgtgtgtttt	taggccatct	ccatgaattt	gaattctctg	tctctctctc
135121	tctctctctt	ccccaccaca	caatcacaca	ctgcagctct	ggtttagaat	tttttttttt
135181	tttttgagac	ggagtctcgc	tctgtcccc	aggctggagt	gcagtgcagt	gatctcggct
135241	cactgcaagc	tccgcctccc	gggttcacac	cattctcctg	ccacagcctt	gcgagtagct
135301	aggactacag	gcgcccgcga	ccacaccag	ctaattttat	ttttgtattt	ttagtagaga
135361	cggggcttca	ccttgtttagc	caggatggtc	ttgatctcct	gacctcgtga	tccgcccacc
135421	tcagcctccg	aaagtgtgtg	gattataggc	atgagccacc	gcgcccggcc	tctggtttag
135481	tatttttatag	ttactttgac	catcctcaac	agcacgcctg	tacagtaaaa	gtgagggtag
135541	gtgttgtagt	ttgggaagggt	tacccaataa	ataatacccc	ctttatcccc	actcaagttt
135601	aaaacaacaa	agaatagaaa	tggcaggcag	gtgtagagca	aattgccact	ttaataacaa
135661	acagagcttt	cggagaatgt	atcttggtat	acccagctcc	caagttcaat	gctagtctct
135721	ttatatgcct	catttcaaac	agtaacaaaa	aataagaatc	caagtagtta	acttgacgtc
135781	aaagattacc	ataacattgg	cctccacaga	cacaacaatt	agaaaacaag	ccagtcttca
135841	tccactagca	gtatctcagg	caaaagggtg	tcccagatac	aaagaccatg	atggaaacag
135901	tgcatctgag	ggaagggtgag	tgcatgagaa	cactgtgggt	cagttttgat	tggactcaag
135961	aactactgcc	aattttcagt	atctctaacc	tatgaatcta	aactcggttg	ggctaaaaca
136021	cccattaaga	ggttgacaca	tcaggctgtg	gtgagctatg	attgtgccac	tgcactctag
136081	cctagtgcac	gagcaagacc	ctgtctcaaa	aaaaaaagt	aacacttgtg	ttcatcatat
136141	ctgaaggggc	tcagttgtac	acggcctcat	ttctagatag	caatgttgtg	gcagtgcggc
136201	cttcttgacg	agttcagaaa	tttaccacgg	tagcagcccc	agtcaccagg	ctttctttta
136261	ggtgcctttt	tttttttttc	tcatgcagca	tgttcatget	tcttgattcc	actcagggtc
136321	ctgttggtgg	gctctgatga	cagctcccct	accccctgtg	aacagggtgac	ctcagacctg
136381	ggcactgcct	cctgtggaag	gcttttccct	tgctcctgca	catgccacct	tcctgagctg
136441	ccattacagg	tgtgagccac	tgcacccgac	cagatttctt	ttgaccccag	gtgatcatac
136501	tgtttaataa	caagacatgg	tgtttttttg	tttttttggg	ttttttttga	gacagagtct
136561	tgtctgttca	cccaggctgg	agtacagtgg	ggcaatctcg	gctcactgca	acctccgcct
136621	cccaggttca	agcaattctc	atgcctcagc	ctcctgagta	gctgggatta	caggcatgcg
136681	ccaccatgcc	tagctaattt	ttttgtattt	ttagcagagg	ttttgccatg	ttggccagggt

136741	tggtctggaa	ttcctaacct	caagtgatct	gtctgccttg	gcctcccaaa	gcgctgggat
136801	tacaggtgtg	agccaccgca	cccagccaac	aagacgtggc	tttctgattc	catctttaag
136861	agtagttagg	tccagatgtg	ttgtcttttt	tctttgatag	ctgtcctaact	tggccttttag
136921	ggtcttccat	taccgttaat	gattgcctat	catcgttgtg	caaagagggc	aaaggcacac
136981	cccccccacc	caaaactaag	gccacatggg	gtgagtacag	actagagtga	tgggggaaac
137041	ttacaagcag	aaaggtcaca	ccatgtgact	ccctgggtcc	caagctctca	ttatcctgag
137101	ggagttgtgc	ttaggccacc	agtgaccagt	gcctactcta	aatatTTTTTg	ggaaaagaag
137161	acagggaaca	tctgtgtatg	tgacagtga	agaggcagct	tcctagagcc	tccggaggta
137221	ggcctgctct	gttttttgagc	tcaggcctgc	cgagctgggt	ctctgctaag	ctgcagaacg
137281	ttggggaggga	atgagtctct	ggggcctctt	tttccctcct	tcctcctgtc	ttccagaggc
137341	aactttttcct	taagaaaatc	cctctgtgcc	tgtgttttta	ttcttttcaact	gcttctgctt
137401	ggatgaggca	agtttatgga	tctctcctct	tcctcctgca	ctttctgagc	atgtgccctc
137461	tcaagacagt	gttctgagct	tgagtctttt	tcattgacca	tcttaacctc	tggccacggt
137521	aattttctttg	tgtaattttc	tacgtgatct	aagaagatga	tgtgtttttct	ttatagtaag
137581	ggtgctgttt	ctttatagtt	ataaataaaa	tctatcctcc	ttttacaatt	caagctgcag
137641	tttaaataatc	agaagtataa	aatcatgggt	agagtgtatt	acactgacag	gcaagcagtg
137701	acccttcaaa	acgtgaggga	aaaaagggtt	caatgtcaag	agagtgggtca	gggaaggcct
137761	agttgtaaaag	gtaacattgg	gtcaaagact	tgaaaaaagc	aaggagtaag	ccttgcagat
137821	atctggcagg	agcatttcaa	caacaaaagg	aggaaatggc	cagtggctag	aacagaggga
137881	gagaaaagaa	atgggagagt	ttgaactgaa	agaaatgggg	gaccactgga	tggttttgca
137941	gagaggagtg	accaagtctg	cctaattttt	tcacaggata	actgaccaca	ttcagaatag
138001	atggctcctct	caataaccaa	tagattaagc	agattctcct	gtctcagcct	cctgagtagc
138061	tgggattaca	ggcgtgtgtc	gccacacctg	gctaattttt	tgtatcttta	gtggagacaa
138121	gggcttcacc	atgttggcca	ggctgctctc	ggcctcccaa	agtgtctggga	ttacaggcgt
138181	gagccaccgc	gcccgaccgg	gaaatggctt	ttgaacggaa	ggcgcagctt	tggcctggcc
138241	tctgtttccc	tttgcataac	acaagggtaa	ttgcatgtgc	agaactgtgc	tctggtggaa
138301	ataacagatt	tgagagcttc	acgtgggctg	gtgtgtgtac	tcatagtga	atgagctggt
138361	ttgttatgac	gggttggtaa	tgctgatacc	caatttccag	acttgaccgc	gaagctgtgt
138421	ggctgtggag	tgaaaggggg	aagggaagcc	acaggtggct	tccaggttgt	cagccttagg
138481	gtgaaaaagt	ctgggacaag	ggagagatgg	agacgccatc	tgaccacctt	gctgttctg
138541	cttacagact	catggagaga	tttctcatgg	atggcttgta	tccttcaagg	tttgaagtac
138601	tccttgttcc	tgtgggtctt	cccacgtcca	tgtatcagtg	tcccactgcc	cacccttttg
138661	taccagcagc	ccaggaacag	gaaggaggat	tgggtaagtg	aacgcacagg	ttttgttctg
138721	cacttgtttc	ttgccgattg	accacatgg	cattgcacaa	tcagtgtgt	atattttgga
138781	ccttactcat	atgttgattg	ttttatatta	agagggcagt	agaatggcaa	acagcaaagt
138841	gtttggatct	aatgcctgga	ttcaaaccct	acctcctcct	cctcagtagc	ttctgatact
138901	ggccaagtca	tttaacctct	ctaacctcaa	agcttggggc	ccctactatt	gaaaaaaatc
138961	tctgatatga	atgaactttg	taaaatagga	gctgccagcc	ccacctttct	cccatgaatt
139021	gttatattac	ataggtttg	agtgaattcc	tccccgcaac	tgggagattt	ttaaacagct
139081	tccaagtgg	atccactgag	aaccacaggt	gagaggagcc	cctggagcct	gctgtgcct
139141	gtcctaggct	cggcacccca	aggctcagtt	gccttaagat	ctgagtatgt	gttactccac
139201	cttgtagcaa	gtgctcctgc	acaccagcc	cacctgcgtc	atttggctct	gctttttaca
139261	ctgtccagct	tcttgagcc	tcggaagggt	ttaatcccca	gagtttaacc	ctttttctca
139321	gggtttcaca	catagacaga	ctccaaattg	attgacagct	tgtcaactgt	atggcttgtg
139381	ggagcttctg	tccttggaat	ggtcatgttg	ctacctaggg	ttagggtttc	ctttctagcc
139441	tgcgaaagct	ccatccatga	ttgagttggg	gtatccactt	ttgcattttc	caactgcag
139501	atgcctttta	tgacacttgt	ctgtaaaatc	ctgttctgtg	ttttacctca	gacttcgatg
139561	gccaggacac	actctcatct	cctcccacc	ctcacccttc	catggagctt	gtaccagtgg
139621	tatgtgaagc	tgatcctctg	tctgcaacat	tcatttgatt	taaaatctca	ataactccaa
139681	agagaagagg	agggagagga	tccatttcat	caaaccaaaac	accctgtctc	cccactcctt
139741	ccttacctcc	ccttttattg	attttgctcc	ttaacctgag	tgcagtcagc	cacagcagct
139801	gtccacgtac	gccctgacce	tgtacaagca	cacagccacg	gtagatggca	agaccatcct
139861	tgtgggtaag	tggcacaggg	ccaagacatg	ctgaccctca	ggaaagagga	aatgggagac
139921	gaggggaggt	gaggcaaggt	tcataaggag	agagtccaga	gggagaaaat	gagaccccag
139981	gcagggacaa	ggggtgctag	agagaaccca	gagagccagg	agccaggagg	gtggaagggg
140041	gcacgcaggg	gccaaagtccc	agccctctga	cctggcgtcc	aggccagcac	ctgtgcagga
140101	caggggttcag	gaaaggagaa	gtcagggggc	tgtaccacc	tcagggaaga	agaacataag

140161	aggccttcga	cgaggcagta	gttttcctag	cttcaggggt	tcttactcag	ccagtttgaa
140221	aaaataaatg	tggtcagaac	attatctccc	acatcgggct	gcgaccttc	atcgggtcat
140281	aatctttctc	ttggccgggc	acacagcctg	cctgactctg	tctaccgtct	gtgggtcatcg
140341	cacgtgagaa	gttggaatag	tttggaactt	agaggaccct	gcgtgtcacg	tgggaaacgg
140401	ggaactgtct	tctccctcct	tgggcttcca	gtgtgttgct	cttcctcctg	gcccctgacc
140461	cactgtcttc	ccatacacac	aggtgaagac	acacctctca	catcacactc	aggtgcactg
140521	tgtcttgaag	acacacgtgt	ggggctgtat	agtctctgtt	tctccctgtg	ctccccatgt
140581	acactcacac	atgtgctgtg	gtttgtgccc	catgtgtgtt	gtatcttagt	gacttgcaca
140641	gaaatgcacc	aggcatgtag	gtctgtctgt	gttcacattg	cagacttttg	ggacacggca
140701	ggccaggagc	ggttccagag	catgcatgcc	tcctactacc	acaaggccca	tgcctgcac
140761	atggtacgag	acgggtggga	ggtggacaaa	ggcactgggc	aagtctggcc	tgaggggtga
140821	ggggcctagc	agccctgggc	ccttgtaacc	aagtctgggt	gttggtgggag	gggggcttag
140881	ggtcacccgg	ggatgtttca	aaccacacct	gctccccaga	gcttcttagt	gagaagggtgc
140941	caggtgagct	ctctgtaggc	ggggatgggt	ggagaaaagg	tggaacagca	agctcagggc
141001	ttcaacatca	ggtgtagcat	ccaagaggca	aacatgcctg	aaacagggcc	acagtccctc
141061	tgatggacct	aacctgtcag	acaagctccc	aaggcctccc	tccactgttg	cctgctgcct
141121	ttccctaggg	ggcacatgct	gggactgagt	agatgctgcg	ggtcccagag	aaccttctct
141181	ctcaggccag	cccctcgcct	ccccccgagc	ctcccattgt	gttgcccggg	acgcagtcct
141241	cacggctcca	ccctggtgac	ccgggtgtgg	tgaagcagtc	gctccaacag	aaaaatgcag
141301	ccgaggaaac	ggctgagaaa	ggagaaaagg	gctctgtaaa	cctgtgtcct	atagaagttc
141361	ctaccgctga	attccctggc	tgcgttctca	ggccaccact	tttaaagtct	gaaaaggagc
141421	atgtttttct	tttgggtcac	ttaaaaaaca	ttttcatggc	tgggcacggg	ggctcatgcc
141481	tgtaatccca	gcactttggg	aggccaagat	gggtggatca	cctgaggtca	gcagtttgag
141541	accagcgtgg	ccaacatggt	gaaatcccgt	ctctactaaa	aatacaaaaa	attagccggg
141601	catggtggcg	ggtgcctgta	atcccagcta	cttgggaggc	tgaggcagga	gaatcatttg
141661	aaccagggag	gcagaggttg	cagtgaagcc	agatcacacc	attgcactcc	agcctgggca
141721	acaagagcaa	aactccatct	aaaaaaaaac	cacattttca	tgaatatcag	ccatcaacaa
141781	tgcagaaagt	aatagactag	tcttctgaat	tattaaccct	agcaattgtc	accaagtga
141841	aacctcggtc	actaaaactt	cttggaatag	cattcaagggt	cttgctttta	cacaaaaccc
141901	caaaacttgg	cggtaaaaa	caaccatttt	ctgatggatc	gggaatccat	gtctgaagtc
141961	tcagctaaga	agactccaag	gctgggttcc	aggctggaac	tgccctggggc	atctccccac
142021	acacacactg	gtacttggct	ggaccaccag	caggttctac	tccccgtgtt	tcttcacagt
142081	ttgtcagttg	ggctgatttg	ggtttgctca	cagagtatca	gccaagatcc	caagatcaag
142141	tatccaaaga	gaaccgggtg	ggacttatat	ttccttttat	ggcctagccc	tggaatatgt
142201	ggcatctctc	tgtccatagt	cacagaggga	agaaacagat	ggcatctctc	agtgggggaa
142261	cagaatcata	tgggttaaaag	aacacatggg	atggacagggt	tgccaccatt	gttggcatac
142321	attaataaag	tctgccatgg	gccgggtgcg	gtggctcacg	cctgtaatcc	cagcactttg
142381	ggtggccgag	gcgggcggat	cacgaggtca	ggagatcgag	accatcctgg	ctaacacagt
142441	gaaaccccg	ctctactaaa	aatacaaaaa	aattagccgg	gcgtggtagc	gggcgcctgt
142501	agtcccagct	actcgggagg	ctgaggcagg	agaatggcgt	gaaccagga	ggcggagctt
142561	gcagtgaacc	gagatcgcg	cactgcactc	cagcctgggc	aacagagcga	gactctgtct
142621	caaaaaaaat	aaaaaaataa	aaaaataaag	tctgccatgg	caccccatag	catttagaca
142681	cccacctttc	tagccctacc	tcccacttag	tgattgtctg	taaatacgca	cggccttacc
142741	ttggcactga	gagagatgca	tggctgagta	ggtgtcatct	catctgtaag	aagcaatagc
142801	agaggggatg	cagaaggagc	tgtctgttct	tgctcattgt	cacctgctcc	tctgcacacc
142861	ttccttcatg	ctcttccctc	agcctctccc	cagctcacac	ccctttatct	gaaactctgc
142921	tcatttttca	ggccctgctt	caatgccacc	acctccgtgc	agcctcctct	gatgtttgtc
142981	attagcttag	ctcttccgtg	tgtgtcctct	caccactgat	cccttcacac	acatggactg
143041	tctgtgatgc	acgtgtgcag	gatgctggga	atgccagggt	ggaaagacac	acgtgctgcc
143101	cccaggaact	gactgactgg	taggcacagt	acagatacca	gtggtgagga	cagtgaggat
143161	tcttcccttc	tgaccctttg	cagatggtaa	aggaaggaa	tcgtcaccta	attcccccca
143221	ctgcccgtta	agaacaaaa	cccttgaaaa	attccaaaag	ctttaactct	gataactgtt
143281	aagggtactaa	acaagaggat	aatggggcaa	ggaaaatggg	ggcagtgtag	tgcagaagtc
143341	tgaccctcaa	gagcagagga	gcttgggtcct	agccagtttg	gtttcaggcc	tacagtggca
143401	tttggtatct	tgagctcacc	tctctttttc	tcttggagtg	actgcttcc	gcactctgctg
143461	catctccgtg	ggctccccct	agaccctctt	ctgaaggcct	ggggtgtctc	tcctgccacc
143521	atgcctgtgt	ctgcaggtgc	ctgccaccag	ccccagctctg	ctgcacgggc	cctggcaagt

143581	agaaagcact	tgccttctga	ccacacgggg	agctgagggg	cagagacgga	accagggctc
143641	gacctctcac	cttgaaacct	tgagatgggg	atgctcctca	ttctagccag	ttcctcctca
143701	gctctcaaaa	caaggaacag	atgctcagga	aaccagatct	ggacaaaagt	catctgagcc
143761	tgggtgtgagg	cagattccag	aagtttagtt	acagacatcc	tttataagga	gacttcatcg
143821	ggaattcaag	acaacctggg	gattcattga	aatttgctg	tgaagagaa	tctacataga
143881	cttcctgcca	cctcttgaga	tgtgacagtt	gctgaccctc	ccgccaccac	acagggcgag
143941	cccctagccc	tgagcttgaa	ccatgttgct	tgacaaaata	gctgggtgat	ttagaagtga
144001	ggtcagctgt	gccagcagtt	acaggggtgg	ggttgtctgt	aactttaatc	cactgactgt
144061	tgtactaggg	cagtttgggc	tagacacttt	ggaggagctc	ctgtgaaggg	catgaaggct
144121	cactgtagca	gcagctcagt	tgtctttcag	agttctgccc	ttagagctgg	tttgagctgc
144181	tcctccttct	tgtgatatt	ttaaaatagg	tagaaacagg	ctgggcgcgg	tgactcatgc
144241	ctttaatccc	agtactttgg	gaggcctagg	tgggcagatc	acctgagggtc	aggagttcga
144301	gaccagcctg	accaacatgt	tgaacccccg	tctctactag	aaatacaaaa	attagccagg
144361	cgtggtggcg	cgcacctgta	atccagctac	tcaggagggt	gagacaggag	aatcgtttga
144421	agacaggaga	atcgtttgaa	cccaggagggt	ggaggttgca	gtggcagtg	gccaagatac
144481	cgccactgca	ctctagcctg	ggcaacagag	caagactcca	tctcaaaaata	aataaataaa
144541	taaaaataaa	ataggtaaaa	acaaattata	aagtaataca	attatgaact	gcaaataata
144601	aaacataaaa	attactttta	aaaaatttaa	agaggccggg	cacagtgggt	tatgcctgta
144661	atcccagaaa	tttgggaggc	cgaggcagga	ggatcacttg	agcccgggag	tccaagacca
144721	gcctcgttaa	tataatgaga	gcttatcatc	tctacaaaaa	ataaacaaaa	ttagccaggc
144781	atggtggcat	gtgcctgtag	ttccagctac	tcaggagggt	gaggtaggag	gatcactgga
144841	gcccaggggg	tggaggagca	gtaagccaag	attctgccac	tgactccag	cctgggtgac
144901	agagtaagac	cctatctcaa	aaaacaaaaa	gcagaaagaa	caaagaagta	aacaaaagct
144961	taaaagtaaa	tcagccaggt	gcagtagctc	atgcctgtaa	tcccagtact	ttgggaggcc
145021	taggcaggca	gattactgca	ggtcaagagt	ttgagaccag	cctggccaac	atgatgaaac
145081	cctgtctcta	ctaaaactac	aaaaattagc	caggcatggg	ggtgcgcacc	tgtaatccca
145141	gctactccgg	aggctgagac	aagagaatcg	cttgaacctc	ggaagtggag	gttgagctgg
145201	cagtgaagca	agatagcgcc	actgcactcc	agcctgggca	acagagcaag	actccatata
145261	tggagatccc	ttgagatcaa	gagttcgaga	ccagcctggc	caacacggca	aaaccctgtc
145321	tctactaaaa	ataaaaaaat	tagccaggca	tgggtggcga	cacctgtagt	cccagctact
145381	gaggaggctg	agacaagaga	atcacttgaa	cacagaaggc	aaaggttgca	gtgagctgag
145441	attatgccac	cacactccag	cctgggtaac	agagtgaagc	tccgtctaaa	aaaaaaaaaa
145501	aatcgggcag	ttgtgatggc	taacacctgt	aaccccagca	cctttagagg	cccagggtggg
145561	aggatccctt	caggccaaga	gtttgagatg	agcctgggta	acatagggag	agcctgcctc
145621	tacaaaaaaa	aaaataataa	aaaaataaaa	attaatgcgt	gcgtgctact	tgggaggctg
145681	aggtaggagg	attccttgag	cccaggagtt	ttgaggttac	agtgaagctg	gattgagcca
145741	ctgcattcta	gcctgggtga	cagtgaacc	ctgtctctaa	aaagtaataa	aataaaaagta
145801	aatagtaact	aaagtaaaac	tctagaaaca	tttacagtta	ctacagagga	actttaaaac
145861	agtttaagca	ataaatacaa	gaggactaaa	aaacacaaaa	gtttttacaa	tttctaacag
145921	actgcatcaa	ttggcaaatt	gattccattt	atgattgtta	aaatagggtga	ataagattag
145981	atgacaagat	aacaaaaaag	gaatacgtta	tttatttggt	tatttcagac	agagttttgc
146041	tcttggtgcc	caggctggag	tgcaatggca	tgatctgggc	tactgcaac	ctctgtctcc
146101	ctagttcaag	caattctcct	gcctcagcct	cccaagtagc	tgagattacc	ggcatgcgcc
146161	accacgccc	gctaattttt	tgcattttta	gtagagacgg	aatttcacca	tgttggccag
146221	gctggtctca	aactcctgac	ctcagggtgat	tgacccgcct	caacctccca	aagtgtctgg
146281	attacagggtg	tgagccactg	cactgggcca	agaataagat	ttttaaaaaa	attttcgcac
146341	ctggaggctc	cagggggcct	ccctgagaaa	cggcagcctc	tgcggtcaga	gaggctgcaa
146401	ttcagagcgt	ttccacaaa	agcaccatgt	gctcatgctt	acctgcttgg	gtgtgtgagt
146461	cacctggaga	tggggtgcag	aaacattgac	atacctgagc	tatctttctt	cctctgcctt
146521	ttgcagggtg	ttgatataca	gaggaaagtc	acctatagga	acctgagcac	ctggtataca
146581	gagcttcggg	agttcaggcc	agagatccca	tgcatcgtgg	tggccaataa	aattgatggg
146641	ggggccatcc	ctgcacctgg	gtgttagcaa	ttcactgggg	acctgcctc	atacatttcc
146701	tcctccattc	cccgggcagg	caaccttcag	tgattgggtc	tccctcccac	gataagatac
146761	aaccttgggt	tgggttgctt	cattcttccc	accttataaa	gaagccagct	aagccgacct
146821	gccctctttc	caagacacag	atccctatta	actgagctct	ttctaggaca	tgtttcccaa
146881	tcctccctgc	ctatcccact	ttctggaatg	aaggcctcca	gtggccccc	ctccaaacct
146941	tcttcccttc	ccttgacaga	ccaatgtcct	accttctctc	tacagcagac	ataaacgtga

147001	cccaaaaaag	cttcaatttt	gccaagaagt	tctccctgcc	cctgtatttc	gtctcggtg
147061	ctgatggtac	caatgttgtg	aaggtgtggt	tgactgcaga	ggtagctagc	aaggtcaggg
147121	cgctaggtgg	taaagggag	ctgtgaagag	aagggcttac	tgccaggtgtg	atggagagaa
147181	ctgggacagt	gcatgggcct	gggtggcagg	gaggggagga	gctgatgggc	ctggacttga
147241	tgaggcagaa	gtccattgac	catacatagg	tcagggtgac	ggggagaggc	aatggagggg
147301	gtaaggttgc	tgatttttagg	aatggagtat	tgtgtagtct	cacagtgggg	ccagtggggg
147361	ggactgggca	gagtccaagg	cactctcatc	caccatctct	acctcacc	cagctcttca
147421	atgatgcaat	tcgattagct	gtgtcttaca	aacagaactc	ccaggacttc	atggatgaga
147481	tttttcagga	gctcgaggta	ggtcagggtc	acatttcggg	tgggatggaa	gaaacggctc
147541	ctcttcaggg	atagggacta	caaccagta	gagtactct	tgccaaagt	tgccccacta
147601	aatgtatcag	agctgcggtt	gagcaaagtc	agggccaggc	ctcacctgcg	acctgttca
147661	cagaacttca	gcttggagca	ggaagaggag	gacgtgccag	accaggaaca	gagcagcagc
147721	atcgagacc	catcagagga	gggtggcctct	ccccacagct	gaggggctgg	ggctaggggt
147781	gggtggagcc	cttttaaaat	acccttccct	tcaacaactc	tccagctctg	aatggagaaa
147841	ctctctaggc	catccctct	tctacctct	gcaaccacc	catcctatta	gcctcccaca
147901	ttcaaggccc	gtgatacagg	gatgagggtca	gcaccagcaa	actctggact	ggtggaagaa
147961	ttccccacca	gatctccttg	aagcagaatt	agggatcagc	atcattaaca	ccttccccac
148021	cccctcccc	caggcagaca	gtgaagagaa	tcagaaaaca	tgattatgtg	tcactttaat
148081	acaggaaatt	taggtgtttt	ttggtgtttt	tggtttgtt	ttctttccaa	agctcacctc
148141	ggggacaatt	ccttgggctt	ctcctgaggt	aatgattacc	ccccaccca	cagctgagtc
148201	tgtgaggccc	catcctttcc	ctacgttttc	tcccatcttt	ttcctcttc	aatctcccag
148261	tcatctggtt	tggttgtttc	ttgttcgtc	ctgagacgga	gtctcgctct	gtcgccaggc
148321	tggagtgcag	tggcgcagtc	tcggctcgct	gcaacctctg	actccctggt	tcaaacgatt
148381	ctcctgcctc	agcctcccga	gtggctggca	tcaccacgcc	cagctaattt	ttgtattttt
148441	agtagagacg	gggtttcacc	atgttgcca	ggatggtctc	gatctcctca	cctcgtgatc
148501	cgcccgccctc	ggcctcccaa	agtgtcggga	ttacaggcat	gagccaccgc	gcccggcccc
148561	aatcatctgt	ttttaaacaa	tcgtttttga	gcagatagct	attcattcca	gatttcggtg
148621	taccactct	gtttcaggag	ctcttctagg	taaagctgag	atcacaggaa	cagcagggtga
148681	caggcctagc	tatagttagg	aatacacaag	cgttaaaatc	gagtccttac	agccatacca
148741	caaggtagct	ccatttggac	tacaagaaga	gcttccttta	aagttcctat	ttcagcataa
148801	agaggctgtc	cttttttttt	aggaatagtt	tggaccttgt	gcctcctgtg	ggaggctgag
148861	gactgcaaga	ggagagctag	cagatatgcc	tggtcacccc	tctctggtac	ttgtggcctt
148921	ctagtatgtt	tttatgataa	tctcgggcat	tggttgcatt	gtgtttatta	atagggtttt
148981	gtttttattg	tttccttttt	tacagtaaa	gctgaatgac	ataaacattg	agtaaatgta
149041	tgtgctttgt	ggctctgaag	tgtgtactga	gcaaaaagac	aaaagaatct	gcaaatcatc
149101	acccttatca	atgaagggtg	gctgccttga	cctgttgacg	ggtagcccat	gtttactctc
149161	aattcactat	attggaggcc	atttcagtgg	aatttagtgt	tttcaaaaga	attcaattac
149221	ctattaattt	gggagctcaa	gaacaagtac	atttcccctt	gaaatcagca	atacttagat
149281	gttcaacgta	agatgtttga	cctgaccagg	ggttcccagg	aacgtatacc	ctgatgaggt
149341	agaacttaaa	aaaatgtagt	tactgtaaat	aactactaag	tactttaaaa	aaaatacaac
149401	agccttactg	agatagaatt	tgacagactat	aaagtccacc	atcgtgttg	ttttatggga
149461	ctattctgta	tcaggttcct	tagaagctga	ccctgagaag	gccgtgggtc	aatgactta
149521	attaggggtca	ttctcagaag	agtgaggggg	gcaggagaca	agaagctcag	caaggttgtg
149581	gtctcagctg	gaggccggct	tcaccacccc	accccgctcc	agggaagctc	tggagggcaa
149641	attgccctcc	agagttagtc	ctacctcaag	accaggggcc	ttttgtgcc	ttcagccaag
149701	ggtgtgaggt	ggaagggggc	cttctgtttc	agtaagggtca	gttctctggg	gaaaagggta
149761	actgtgcgct	tccaactcaa	agcaattgga	ggatgaatgt	ttaggcaggg	tgccagcaac
149821	atccacaagc	cacccatgtg	tacattgtct	agatccacct	gcttcttaaa	gttcattcca
149881	tccaggtaga	gctgctccat	gtttctaaat	ggtcaccagt	cctgggggaa	tgtacaagag
149941	aagggtcaat	gggaaaggac	aaaccatagc	ccctgctatt	gtagtgggac	cccatgcaga
150001	gactgatact	tgtcacctct	cattctctgt	ctagcacttt	tgctggtcta	ggttgtttgc
150061	ctgggggggtt	gatcctgtct	ctcttgctta	atgggggtatg	agccctgct	tactatgcct
150121	ttatgaggcg	gtggtgttta	acacttacat	agttatatct	aaacatgcaa	gtaccaagag
150181	acagcatgaa	tcatctgagt	accaaataca	gtgctccttc	ctattattat	ctggcaacat
150241	cctttcttcc	taatgacgat	tacaggcaat	cacctcttcc	cagaatgcta	actctgcttg
150301	ccagttacaa	gcgcagtgac	tgtctaggaa	gcagccatag	ctttgtgttt	agtgaactc
150361	ttactgtatc	acttgggtgga	aatgcctccc	ccactcccca	cactgccact	cacagagtcc

150421	aagacttcag	ctcacagagc	ctaaagctgt	agacacaaac	acagattccc	caagtgtgtc
150481	actgagagt	ctagcgagcg	gggcgcctct	atgtccactc	cttgggttact	agacatgttg
150541	gggacataaa	accatataat	gaatattaag	ttgtatatca	catcatgaag	gaccccatcc
150601	ttacagggt	tcatatccga	gatcgacatc	tctgtctatc	acaaagatag	gaaagactca
150661	gaagtggagt	gacatcagga	aaatggcgag	gtagacagct	ccaaactcct	gtccctctac
150721	agaaacatgg	agaaaaagca	gcagaaactt	taccagaact	ctggaaaaac	gtaaaagact
150781	tatatcaatc	aggaaagccc	tgaatgagg	aaagggcaac	ttcaaagtga	cagaaaagtg
150841	gtgtggcatt	ttcacttgcc	cttgccccac	cccttcatca	gcttgatggt	gatcttgaag
150901	atagtagtcc	attttcccaa	tttaggacct	aggtcccagg	ttccagaggg	agcaaggcag
150961	accttattca	caaagtactt	tgtttgtcta	ttctaaccgg	tcagaaacga	tctgagagac
151021	taaaatgagg	catttgtctg	ttttgcccc	gtctgaatcc	actcaaggta	gaaaagtggc
151081	aggcattgct	taaaaacatt	ctgagatgac	caaaaaaccc	acagctccct	gggacaaaaa
151141	gttgtggttc	agacatacaa	tatattacat	aaagcctggg	aggaaaatct	gggagagttt
151201	ctttgggaaa	tcaggacatt	caaaaaatac	tttgttttat	tggggatttc	aaatgtcatg
151261	cacataccca	gggcagggtc	cgcattcagg	aaagatctga	gaagacccta	agctttttcc
151321	tttggaagat	ctctagggtc	agggttatca	agaagtgaag	gctaagacag	agttgttaat
151381	atcctggtta	ggtgttgaag	gaatgcccc	gcacaaagcc	aatctgcaaa	gattgaaaga
151441	gatgcttaaa	aaaatttttt	ttttcaacca	cggatgaata	cataaagaaa	atgtggcata
151501	tacgtacaat	ggaacatcat	tcagcctttt	taaaaaagga	aatcctggcc	tggcgcagtg
151561	gctcacgcct	gtaatcccag	cactttggga	ggccgaggcc	agcggatcac	aaggtcagga
151621	gatcgagacc	atcctggcta	cggtgaaacc	ccatctctac	taaaaataca	aaaaaaaaaa
151681	aaaaaaaaaa	ctagccaggc	atggtggcgg	gcacctgtag	tcccagctac	ttgggaggct
151741	gaggcaggag	aatggcgtga	accagaagg	cagagcttgc	agtgagccta	gatcacgcca
151801	ctgcactcca	gcctgggcaa	cagagcgaga	ctcagctctc	aaataaaata	aaataaaata
151861	aaataaaaag	gaaatccttc	catttgcagc	aaatatacta	agttaaagaa	gccggacaca
151921	gtaggacaga	tactacatga	tctcacttac	ataaggaatc	taaaatattc	aaactgagaa
151981	gcagagagta	gaatggtggt	tgccaagggc	tagggggagg	aggaaacaag	caggcattgc
152041	tcattgggtg	caaagcttca	gctatgccgg	agggatgagt	cctagagacc	tcctgtacag
152101	catagtgaat	atagttaaca	acactgtatt	acatacttaa	agatttactg	gaaatagatc
152161	ttatgttaag	tgtccttata	acaaaacatg	agaattagaa	atgaagagag	agggagcaaa
152221	ctttttgaag	tgatgaatat	gtttatggca	ttcattgtgg	tgacgttttt	atgggtatat
152281	acttatttca	aactcatcaa	gtggtatacc	ttaaatatgt	atatcgataa	aatgggtttt
152341	aaaaatacat	gaagcaaagt	cacatttctc	caaagaaaat	atacaaatgg	ccgataagta
152401	catgaaaaga	tgctcaacat	cattagtcat	gagagaaatg	caaatacaaa	ccagaatgag
152461	atgccactta	ctggtaatat	aaaagataat	agcaagtgtt	aatgaggctg	tggagaaatc
152521	ggaaccctta	tacactgctg	aggaggaagt	aaaatagtgc	aggcactttg	gaaaacagtt
152581	tggcagtcct	ggaatggtga	aatatcgagt	taaccatatg	atcctgcaaa	tctactccta
152641	ggtatacact	caagagaaat	gagaacatgt	gctcacagaa	aagcttgtat	atgagtgggt
152701	atagcagcac	tatccataat	aacccaaaag	ctggaaataa	tccaaatatc	cataaaatgt
152761	ggtatatcca	cacgatgaaa	tattactcaa	aaatacaaa	aatgaagtga	ctaatatgtg
152821	ctacaacatg	gatgaaactg	aaaaaaaagt	atgttgaatg	aaagacgcca	cgtataaagc
152881	accgcagggt	gtgcgatttc	attaatatga	aatgtccaga	acaggcaaat	ctacagagac
152941	agaaagatta	ctgaacagaa	agattacaga	caaaaataac	agatagtggg	tgtttagggt
153001	ggggggggtg	ccggtgaagt	tggaaggaa	tttgggtggg	gccaggaagc	taagggtaca
153061	gatttttcaag	taacgagaat	actttaaaa	taattgtggg	tgggtgcagt	ggctcacgcc
153121	tgtaatctca	gcacttcggg	aggccaagga	gggcagatca	cttgaggcca	ggaattcaag
153181	accagcatgg	ccgacatggc	aaaaccccg	ctttactaaa	aacattaaaa	ttagctgggt
153241	gtggcggcac	atgactgtag	tcccagttac	tagggagggt	gagatgaaag	gatcgcttaa
153301	gccaagagat	tcaaggctgc	agtgacctat	gattgcacca	ctacactcca	gctgggatga
153361	cagaatgaga	ccctgcctct	aaataaaata	aatacataaa	taaataagag	aagtccagca
153421	gcataataaa	aggataatac	acatgactaa	agtggagttt	atcccaggag	tgcaatgtca
153481	gttaaacatt	taaaaattat	ttaatggggc	cgggcgcggg	ggctcacgcc	tgtaatccca
153541	gcactttggg	aggccgaggc	gggcggatca	cgaggtcagg	agatcgagac	catcctggct
153601	aacacagtga	aaccctatct	ctactaaaaa	atacaaaaaa	aattagccgg	gcatggtggc
153661	ggccacctgt	agtcccagct	actcgggagg	ctgagacagg	agaatggcat	gaacccggga
153721	ggcggagctt	gcagtgaagt	gagatcgcac	cactgcactc	cagctcgggc	gacagagtga
153781	gactccgtct	caaaaaaaaa	aaaaaatata	tgggcctggg	cacggtgggt	cacgcctgta

153841	atcccagcac	tttggaagt	caaggtgggc	ggatcccag	gtcaggagtt	cgagaccagc
153901	ctggccaaca	tgggtgaaacc	ccgtctctac	taaaaataca	aaaaattagc	caggcgtggt
153961	cgtgggcgcc	tatagtccca	gctactcggg	aggctgaagc	aggagaatcg	cttgaacca
154021	cgagggggag	gttgagtgag	gctgagatca	cacgccactg	cactctagcc	tgagccacag
154081	tgcaagattc	tgtctcaaaa	aaaaaaaaag	tattggaagc	aagaaaagga	taaactaaat
154141	cttgcggtac	tgataagag	gtgaaagtat	tatcgtgaac	tctcatttag	ctttatatat
154201	atataaaatg	gatagataca	aaaacaataa	tagatacatg	tgtgtacatg	ggttagtata
154261	caacatatat	tacctactg	tctcatccag	ctttgagggc	ttagaagtaa	tacatctcag
154321	tattgacaag	cacaccaggt	gtccagatct	tagtttctaa	aaaaacactt	tccagtgaag
154381	aaaccagatt	acttttagaga	aatggtggat	tccaggggtg	aagcagggga	aatgcaaaat
154441	gagcctgtag	cacctattat	atcagaaagg	aaggatgtgc	tcaacaaatt	aatgaagcc
154501	gggaatgaag	ccacgggtgc	aatggctcac	acctgtaatc	ccagcacttt	ggaaggcaga
154561	ggtaggagga	ttgcttgagg	ccgggagttc	aagaccacac	cagcctgggc	tgtaacatag
154621	aaagaacct	tctccataaa	ataaaaaata	attagtaata	attttttaat	ttaaaaaatg
154681	atgaaggcat	gtcaaaggga	ctcaagagcc	aatatgaaag	ggctcccaat	gggcaaagct
154741	ggaaaaatgt	gagcaacaaa	ttatataatg	tcatattggg	ttatagtcca	ctgtataaaa
154801	taaatataca	ttagggatct	acactaatat	aatgaataga	tgaataataa	gagacaaatc
154861	tttcatacag	aaaaattaaa	aatactatgt	gtaactcctg	ccatctgcag	ggggtggagc
154921	caacaccccc	aaccaccatc	actacagaga	atgggctgga	ctgagtggct	cacttctaaa
154981	gaagcactta	tagaaagcga	acagtgatga	aaccagaaaa	acactgccct	gaccaacgga
155041	tcaaggttaa	tgtcatcact	gttgatcatat	gtatgttgta	gactcctgat	aggatgtgat
155101	gaggataatt	tgtctctatg	agactttttc	ccaaaattca	taatcccaat	ataatcatga
155161	gaaaaatatt	acacaaattc	aaatggaggg	atattctaca	aaatacctaa	ctatccctca
155221	aatttgtcaa	ggtcatataa	gagcaaagaa	agactgagaa	atagtctcaa	actagaggat
155281	taaatctgta	acaatctgtg	actactataa	atctaaagtt	gttctaaaat	agtttattta
155341	atacaccaga	ttaactaagt	aaaaacagaa	aaattacatg	atcatctcaa	taaatgtagg
155401	aaaagctggc	aaaattcaac	actcattact	gtgtaaaaaa	taaaaatata	aacctcttag
155461	caaaaatata	aacctctata	tttttcttag	agaataaaat	atcctcagcc	taataaatgg
155521	tatttgtgaa	aaaccacag	ttaacatcac	acttaattgg	aacagactga	agcttttcat
155581	gcttaagctc	aggaacaaga	atgtccactc	tcaccacttc	cattcagcat	tgtactgtga
155641	aataaggcaa	gaaaaacaag	ggctttcaga	tagaaaaaca	taaataaggt	tgggcgtgga
155701	ggctcacacc	tgtaaccca	gcactttggg	aggccgagtt	gggtggttca	cccagggtca
155761	ggagttcaag	accagcctgg	ccaacatggg	gaaacccaat	ctctactaaa	aatacaaaaa
155821	ttagccaggc	gttctggcac	atgcctgtag	tcccaactac	tcgtgagact	gaggtaggag
155881	aatcacttga	acctgggagg	cagaagtgtc	agtgaagcaa	gattgtgcca	ctgcacgcca
155941	gcctggaaga	cagagcgaga	ctccatctca	aaaataaaga	aagaaataac	actgtcttta
156001	ttcacagaag	acttgattgt	ctatgttgaa	atccagtggc	agctacagag	caccagaatt
156061	aataaatgaa	cttggtcatg	tttcaagata	catgggaacc	acacaaaaat	caattgtatt
156121	tctgtatact	ggcagtcac	aattgaatat	cagaatacga	aatattgaga	aataattctg
156181	acaaaatatg	tgaaaaacct	gcacactcaa	aattacaaaa	cattgctgag	agaaattgaa
156241	gcagccctaa	ataaatgaat	agataccctg	agctcatgac	tcagaggaca	cagtacccta
156301	aataaatgaa	tagataccct	gagctcatga	ctcagaggac	acagtaccct	aaataaatga
156361	atagataccc	tgagctcatg	actcagagga	cacagtaccc	taaataaatg	aatagataca
156421	ctgagctcat	gactcagagg	acgcagtacc	ctaaataaat	ggatacactg	agctcatgac
156481	tcagaggacg	cagtacccta	aataaatgaa	tagatacact	gagctcatgg	cacagaggac
156541	acagtaccct	aaataaatga	atggataccc	tgagctcatg	actcagagga	cacagtaccc
156601	taaataaatg	aatagatacc	ctgagctcat	gactcagagg	acgcagtact	ctaaataaat
156661	gaatagatac	cctgagctca	tgactcagag	gacacagtac	cctaaataaa	tgaatagata
156721	ccctgagctc	atgactcaga	ggacgcagta	ccctaataaa	atgaatagat	accctgagct
156781	catgactcag	aggacgcagt	accctaataa	aatgaataga	taccctgagc	tcatgactca
156841	gaggacgcag	taccctaata	aatgaatag	atacactgag	ctcatgactc	agaggacgca
156901	gtaccctaata	taaatgaata	gataccctga	gctcatgact	cagaggacgc	agtacccta
156961	ataaatgaat	agataccctg	agctcatgac	tcagaggacg	cagtacccta	aataaatgaa
157021	tagatacact	gagctcatga	ctcagaggac	gcagtaccct	aaataaatga	atagacacac
157081	tgagctcatg	actcagagga	cacagtaccc	taaataaatg	gatacactga	gctcatgact
157141	cagaggacac	agtacccta	ataaatgaat	agataccctg	agctcatgac	tcagaggaca
157201	cagtacccta	aataaatgaa	tagataccct	gagctcatga	ctcagaggac	gcagtaccct

157261	aaataaacga	atagatagcc	tgagctcatg	actcagagga	cgcagtaccc	taaataaatg
157321	aatagatacc	ctgagctcat	gactcagagg	acgcagtacc	ctaaataaat	gaatacatac
157381	cctgagctca	tgactcagag	gacgcagtac	cctaaataaa	tgaatagata	ccctgagctc
157441	atgactcaga	ggacgcagta	ccctaaataa	atgaatacat	accctgagct	catgactcag
157501	aggacgcagt	accctaaata	aatgaataga	taccctgagc	tcatgactca	gaggacgcag
157561	taccctaaat	aaatgaatag	ataccctgag	ctcatgactc	agaggacgca	gtaccctaaa
157621	taaatgaata	gatacactga	gctcatgact	cagaggacgc	agtaccctaa	ataaatgaat
157681	agataccctg	agctcatgac	tcagaggacg	tagtacccta	aataaatgaa	tagacacact
157741	gagctcatga	ctcagaggac	acagtaacct	aaataaatgg	atacactgag	ctcatgactc
157801	agaggacaca	gtaccctaaa	taaatgaata	gataccctga	gctcatgact	cagaggacac
157861	agtaccctaa	ataaatgaat	ggataccctg	agctcatgac	tcagaggaca	cagtacccta
157921	aataaacgaa	tagatacact	gagctcatga	ttcagaggac	gcagtaccct	aaataaacga
157981	atagataccc	tgagctcatg	actcagagga	cgcagtaccc	taaataaatg	aatagatacc
158041	ctgagctcat	gactcagagg	acacagtacc	ctaaataaat	gaatagatac	cctgagctca
158101	tgactcagag	gacacagtac	cctaaataaa	tgaatagata	ccctgagctc	atgactcaga
158161	ggacgcagta	ccctaaataa	atgaatagac	acactgagct	catgactcag	aggacacagt
158221	accctaaata	aatggatata	ctgagctcat	gactcagagg	acacagtacc	ctaaataaat
158281	gaatagatac	cctgagctca	tgactcagag	gacacagtac	cctaaataaa	tgaatagata
158341	ccctgagctc	atgactcaga	ggacgcagta	ccctaaataa	atgaatagac	acactgagct
158401	catgactcag	agaacacagt	aacctaaata	aatggaaaca	ctgagctcat	gactcagagg
158461	acacagtacc	ctaaacaaat	gaatagatac	cctgagctca	tgactcagag	gacatagtac
158521	cctaaataaa	tgaatagata	ccctgagctc	atgactcaga	ggacgcagta	ccctaaataa
158581	atgaatagat	accctgagct	catgactcag	aggacgcagt	accctaaata	aatgaataga
158641	taccctgagc	tcatgactca	gaggacgcag	taccctaaat	aatgaatag	ataccctgag
158701	ctcatgactc	agaggacgca	gtaccctaaa	taaatggata	cactgagctc	atgactcaga
158761	ggacgcagta	ccctaaataa	atgaatagat	accctgagct	catgactcag	aggacgcagt
158821	accctaaata	aatgaataga	taccctgagc	tcatgactca	gaggacgcag	taccctaaat
158881	aaatgaatag	ataccctgag	ctcatgactc	agaggacgca	gtaccctaaa	taaatggata
158941	cactgagctc	atgactcaga	ggacgcagta	ccctaaataa	atgaatagat	accctgagct
159001	catgactcag	aggacgcagt	accctaaata	aatgaataga	taccctgagc	tcatgactca
159061	gaggacgcag	taccctaaat	aaatgaatag	atacactgag	ctcatgactc	agaggacgca
159121	gtaccctaaa	taaatgaata	gataccctga	gctcatgact	cagaggacgc	agtaccctaa
159181	ataaatgaat	agataccctg	agctcatgac	tcagaggacg	cagtacccta	aataaatgaa
159241	tagataccct	gagctcatga	ctcagaggac	acagtacacg	aaataaatga	atagatacac
159301	tgagctcatg	actcagagga	cgcagtattg	ttaggggtgtc	atgtcttccc	aaattgacct
159361	gcaaattcaa	cacaatccaa	tgaaaacatc	agcagattct	tttaagttaa	ttcttttcaat
159421	tggcaagcaa	aaattgtata	tattttctgat	atacaacatg	atgttttgat	atatgtatcc
159481	attgtggaat	ggctaaatca	agctatttta	cattatctca	cataattatc	atttcatttt
159541	ctttatagta	aaaacactta	aaatccactc	tcttggcaat	ttttatgtgt	acaatacatt
159601	gttattaact	atagtcacca	tgatgtgtaa	tacatgtctt	gaacttactg	ctcctgaata
159661	actgaaaatt	tgtgtccttt	gaccaaagtc	tcccaatctt	cccaccccc	agcctctgga
159721	aaccaccatt	ttactctgtt	tctatgactt	agactttact	acattccaca	tataagtgac
159781	atcatgcagc	atgtatcttt	ccgtatctgg	cttattttcac	ctaattgtcct	ccagttcatc
159841	cacattttca	caaataataa	aatctccttt	tgatggctat	gtagtattcc	tctgtgtata
159901	tatatcacat	tttcttgatc	cattcatctt	gttgatggat	gcttaggttg	ataccatatc
159961	ttggctattg	ttaacagtgc	tgcaatgaac	aaaggaatgc	aatattttct	ttaacgtact
160021	gatttcctgt	tgaaatctat	attccttttag	atgtataccc	agtaatggga	tttctgaatc
160081	tcagcagaat	tttttttttt	tttttgagac	ggaatctcgc	tctgttgtcc	aggctggagt
160141	gcagtggcac	aatctcggct	cactgcaagc	cctgcctccc	gggttcacgc	cgttctcctg
160201	cctcagcctc	ctgagtagct	gtgattacag	gcgtgcacca	ccatgtccgg	ctaatttttg
160261	tatttttagt	agagatgggg	tttcaccttg	ttagccagga	tggctctgat	ctcctgacct
160321	catgatccac	ccacctcggc	ctcccaaagt	gctgggatta	ctggcatgag	ccgccgagcc
160381	cggccagaat	ttttattgta	gaaatcaaca	gactgatgct	aaaactcata	tggaaaaata
160441	taaaggacct	aaacccgcca	aaacagcttt	aagaaaacac	agatgtttgga	agatgtatac
160501	tacctgattt	ccagacttat	tataaaccca	tttgagtaaa	gatgggtgtg	tactggtgtc
160561	aagataaaca	aatacatgaa	aggaacaaaa	tagctcaaaa	gcagaaccag	acatatatga
160621	acgactgatt	ttcttcagag	gtacaaaggc	atttcaatgg	aaaaaggaaa	atcttttcaa

160681	catatagtgc	tggagcaatt	ggacatcata	taccaaagaa	ttttcagccg	ggcacgatgg
160741	ctcatgccta	taatccccag	cactctggga	ggctgagatg	ggcagatcac	ctgaggtcag
160801	gatttcaaga	ccagcctgac	caacatggtg	aaaccccatc	tctactaaaa	atacaaaaaa
160861	attagccacg	cgtggtggtg	agtgcctgta	atcacagcta	ctcaggaggt	tgaggtagga
160921	gaatcacttg	aacccgggag	gcagaggttg	cagtgaagctg	agatcatgcc	actgcactcc
160981	agcctgggca	acaagagtga	aactatgtct	caggaaaaaa	aaaaaaaaaa	attcaatcca
161041	agttcatgcg	aaatacaaaa	attaactcaa	aatggatcat	aaacctaagt	gaaaaacct
161101	aaattctaac	atttctagaa	taaaacataa	aagaacattt	ttgtgacctt	gggttaagca
161161	aaaatctctt	agatcacaca	ccaaaagcat	gatccatgat	ttcaagatac	atgataacca
161221	cacaaaaatc	aactgtattt	ctgtatacta	ggaatcaaca	attgagtatc	agaatatgaa
161281	atacttataa	ataattctga	taaataaata	attctgacaa	aatatgtgaa	aaacctgcac
161341	actcaaaact	ataaaaacatt	gctgagagaa	ctgaggaagt	cctaaataaa	tgaatagata
161401	taccaaataa	tatgtaacaa	taaagaataa	agtgattagt	tgtactccct	caaagtttaa
161461	aactgctgag	ctccaaaaga	caccatttag	agaattaaaa	agcaagctct	gacttggaga
161521	agacatttac	aatgcataca	gctgacaaa	aacttacact	cagcatgtaa	aaagaactct
161581	caaaaactcta	taaaaagatg	acaacagaag	tttttaataa	ggcaagagat	ttgaacagac
161641	acttccccaa	agaagatata	tggatgacaa	tgagcacagg	aatatgtgct	aacatcacca
161701	gtcattaagc	aaatgcaa	taaaaccaca	gtgaaatatt	atcacacacc	tatcagaatg
161761	actaaaatta	aaaagactga	ccaggggggt	ggagccaaga	tggcccaata	ggaacagctc
161821	cggctctacag	ctcccagcgt	gagcgacgca	gaagacgggt	aatttctgca	tttccatctg
161881	acggttcac	tcactaggga	gtgccagaca	gtgggcgcag	gacagtgggt	gcagcgacc
161941	gtgcacgagc	tgaagcaggg	cgaggcattg	cctcactcgg	gaagtgcag	gggtcaggg
162001	gttccctttc	tgagtcaaag	aaaggggtga	cggacgcacc	tggaaaatcg	ggtcactccc
162061	acccaaatac	tgtgcttttc	ctgcgggctt	aaaaacggc	gcaccacgag	attatatccc
162121	gcacctggct	cggagggtcc	tacgcccacg	gagtctcgct	gattgctag	acagctgtct
162181	gagatcaa	tgcaaggcgg	cagcgaggct	gggggagggg	caccgcctat	tgcccaggct
162241	tgcttaggta	aacaaagcag	ccgggaagct	cgaactgggt	ggagcccacc	acagctcaag
162301	gaggcctgcc	tgccctctgta	ggctccacct	ctgggggcag	ggcacagaca	aacaaaaaga
162361	cagcagtaac	ctctgcagac	ttaaatgtcc	ctgtctgaca	gctttgaaga	gagcagtgg
162421	tctcccagca	cgcagctgga	gatctgagaa	ccggcagact	gcctcctcaa	gtgggtccct
162481	gacccccgtg	cagcctaact	gggaggcacc	ccccgcagca	ggggcagact	gacacctcac
162541	atggccgggt	actccaacag	acctgcagct	gagggtcctg	tctgttagaa	ggaaaactaa
162601	caaaaagaaa	ggacatccac	acaaaaaacc	cttctgtaca	tcaccatcat	caaagacca
162661	aagtagataa	aaccacaaag	atgggggaca	aacagaacag	aaaaactgga	aactctaaaa
162721	agcagagcgc	ctctcctcct	ccaaaggaac	acagctcctc	accagcaacg	gaacaaacct
162781	ggacggagaa	tgactgacga	gctgagagaa	gaaggcttca	gatgatcaaa	ttactccaag
162841	ctacaggagg	aaattcaa	caatagcaaa	gaagttaaaa	actgtgaaaa	aaaaattaga
162901	cgaatggata	actagaataa	ccaatgcaga	gaagtcctta	aaggagctga	tggagctgaa
162961	agccaaggct	cgagaactac	gtgaagaatg	cagaagcctc	aggagccgat	gcgatcaact
163021	ggaagaaagg	gtatcagtga	tggaagacga	aatgaatgaa	atgaagcaag	aagggaagtt
163081	tagataaaaa	agaataaaaa	gaaacgaaca	aagccttcaa	gaaatatggg	actatgtgaa
163141	aagaccaaat	ctacatctga	ttggtgtacc	tgaaagtgac	ggggagaatg	gaaccaagtt
163201	ggaaaacact	ctgcaggata	ttatccagga	gaacttcccc	aatctagcaa	ggcaggccaa
163261	cattcagatt	caggaaatac	agagaatgcc	acaaagatac	tcctggagaa	gagcaactcc
163321	aagacacata	attgtcagaa	tcaccaaagt	tgaaatgaag	gaaaaaatgt	taagggcagc
163381	cagagggaaa	ggttgggttc	cccacaaagg	gaagcccatc	agactaacag	cggatctctc
163441	gtcagaaact	ctacaagcca	gaagagagt	ggggccaata	ttcaacattc	ttaaaagaat
163501	tttcagcttt	ccacagcgcg	ggggaaccgg	aggctgcagg	atggtcaagc	tgacggcgga
163561	gctgatcgag	caggcggcgc	agtacaccaa	cgcagtgcgc	gaccgggagc	tggacctccg
163621	ggggtataaa	attcccgtca	ttgaaaatct	aggtgctacg	ttagaccagt	ttgatgctat
163681	tgatttttct	gacaatgaga	tcaggaaact	ggatggtttt	cctttgttga	gaagactgaa
163741	aacattgtta	gggaacaaca	acagaatatg	ccgtataggt	gagggacttg	atcaggctct
163801	gccctgtctg	acagaactca	ttctcaccaa	taataggctc	gtggaactgg	gtgatctgga
163861	ccctctggca	tctctcaaat	cgctgactta	cctaagtatc	ctaagaaatc	tggtaaccaa
163921	taagaagcat	tacagattgt	atgtgattta	taaagttccg	caagtcagag	tactggattt
163981	ccagaaaagt	aaactaaaag	agcgtcagga	agcagagaaa	atgttcaagg	gcaaacgggg
164041	tgcacagctt	gcaaaggata	ttgccaggag	aagcaaaact	tttaatccag	gtgctggttt

164101	gccaactgac	aaaaagaaag	gtgggccatc	gccaggggat	gtagaaacaa	tcaagaatgc
164161	tatagcaa	gcttcaactc	tggctgaagt	ggagcggctg	aaggggttgc	tgcagtctgg
164221	tcagatccct	ggcagagaac	gcaaatcggg	gccactgggt	gatggtgaag	aagagatgga
164281	agaagacaca	gtcacaacg	ggctctgagc	agtgaggcag	atgtatgata	ataggccctc
164341	ttggaacaag	tcttgctttt	cgaacatggg	ataatagcct	tgtttgtgtt	agcaaagtgg
164401	aatctatcag	cattgttgaa	atgcttaaga	ctgctgctga	taattttgtg	atataagttt
164461	tgaaatataa	atgtcaattt	tctacaaatt	ataaaaataa	actccactca	ctgtgctacc
164521	aaaaagagaa	aaagaaaaga	attttcaacc	tagaatttca	tatccagcca	aactaagctt
164581	cataagtga	ggagaaataa	aatgctttac	agacaagcaa	atgctgagag	attttgtcac
164641	caccaggcct	gccctaaaag	agctcctgaa	ggaagcatta	aacatggaaa	ggaacaaccg
164701	gtaccagcca	ctgcaaaaac	atgccaaaat	gtaaagacca	tcaaggctag	gaagaaactg
164761	cagcaactaa	cgagcaaaat	aaccagctaa	catcataatg	acaggacca	atacacacat
164821	aacaatatta	actttaagt	taaatgggct	aaatgctcca	attaaaagac	acagactggc
164881	aaattggata	aagagtcaag	acccatcagt	gtgctgtatt	caggaaaccc	atctcacatg
164941	cagagacaca	cataggctca	aaataaaggg	atggaggaag	atctaccaag	caaattggaaa
165001	ataaaaaaag	gcaggggttg	caatcctagt	ccctgataaa	acagacttta	aaccaacaaa
165061	gatcaaaaga	gacaaagaag	gcccgttaca	taatggtaaa	gggatcaatt	caacaagaag
165121	agctaactat	cctaaatata	catgcacca	atacaggagc	accagattc	ataaagcaag
165181	tccttagtga	ctacaaagag	acttagactc	ccacacaata	ataatgggag	actttaacac
165241	cccactgtca	acattagaca	gatcaacgac	acagaaagtt	aacaaggata	cccaggaatt
165301	gaactcagct	ctgcaccaag	cggaccta	agacatctac	agaattcgcc	acctcaaatc
165361	agcagaatat	acattttttt	cagcaccaca	ccacacctat	tccaaaactg	accacagagt
165421	tgaaagtaaa	gcactcctca	gcaaatgtaa	aagaacagaa	attataacag	actgtctctc
165481	agaccacagt	gcaatcaa	tagaactcag	gactaagaaa	cccactcaaa	actgctcaac
165541	tacatggaaa	ctgaacaacc	tgctcctgaa	tgactactgg	gtacataacg	aaatgaaggc
165601	agaaataaag	atgttctttg	aaaccaacga	gaacaaagac	acaacatacc	agaatctctg
165661	ggacacattc	aaagcaatgt	gtagagggaa	atttatagca	ctaaatgccc	acaagagaaa
165721	gcaggaaaga	tccaaaattg	acacccta	atcacaaat	aaagaactag	aaaagcaaga
165781	gcaaacacat	tcaaaagcta	gcagaaggca	agaaataact	aaaatcagag	cagaactgaa
165841	ggaaatagag	acacaaaaaa	cccttcaaaa	aaataatgaa	tccaggagct	ggttttttga
165901	aaagatcaac	aaaattgata	gaccgctagc	aagactaata	aagaagaaaa	gagagaagaa
165961	tcaaatagac	ccaataaaaa	atgataaagg	ggatatcacc	accgatccca	cagaaatata
166021	aactaccatc	agagaatact	acaaacacct	ctacacaaat	aaactagaaa	atctagaaga
166081	aatggataaa	ttcctctaca	catacacctt	cccaagacta	aaccaggaag	aagttgaatc
166141	tctgaataga	ccaataacag	gctctgaaat	tgtaggcaata	atcaatagct	taccaaccaa
166201	aaaagtccag	gaccagatgg	attcacagcc	taattctgcc	agagggtaca	ggaggagctg
166261	gtacccttcc	ttctgaaact	attccaatca	atagaaaaag	agagaatcct	ccctaactca
166321	ttttatgagg	ccagcatcat	cctgatacca	aagcctggca	gagacacaac	caaaaaagag
166381	aatttttagac	caatatcctt	gatgaacatt	gatgcaaaaa	tcttcaataa	aatactggca
166441	aaccaaatcc	agcagcacat	caaaaagctt	atccaccatg	atcaagtggg	cttcacccct
166501	gggatgcaag	gctggttcaa	catacgcaaa	tcagtaa	taatccagta	tataaacaga
166561	accaaaagaca	aaaaccacat	gattatctca	atagatgcag	aaaaggcctt	tgacaaaatt
166621	caacaaccct	tcatgctaaa	aattctcaat	aaattaggta	ttgatgggat	gtatctcaaa
166681	ataataagag	ctatctatga	caaaccacac	gccaatatca	tactgaatgg	gcaaaaactg
166741	gaagcattcc	ctttgaaaac	gggcgcaaga	cagggatgcc	ctctctcacc	actcctagtc
166801	aacatagtgt	tggaagttct	ggccagggca	attagcagga	gaaggaaata	aagggtattc
166861	aattaggaaa	agaggaagtc	aaattgtccc	tgtttgcaga	tgacatgatt	gtatatctag
166921	aaaaccccat	tgtttttagcc	caaaatctcc	ttaagctgat	aagcaacttc	agcaaagtct
166981	caggacacaa	aatcaatgta	caaaaatcac	aagcattctt	atacaccaat	aacagacaaa
167041	cagagagcca	aatcatgagt	gaactcccat	tcacaattgc	ttcaaagaga	ataaaatacc
167101	taggaatcca	acttacaagg	gatgtgaagg	acctcttcaa	ggagaactac	aaaccactgc
167161	tcaatgaaat	aaaagaggat	acaaacaaat	ggaagaacat	tccatgctta	tgggtaggaa
167221	gaatcaatat	catgaaaatg	gccatactgc	ccaaggtaat	ttatagattc	aatgccatcc
167281	ccatcaagct	accaattact	ttcttcacaa	gattggaaaa	aactacttta	aagttcatat
167341	ggaaccaaaa	aagagtcgcg	atcaccaagt	caatcctaag	ccaaaagaac	aaagctggag
167401	acatcacctt	acctgacttc	aaactatact	acaaggctac	agtaaccaa	acagcatggg
167461	actggtacca	aaacagagat	atagatcaat	ggaacagaac	agagccctca	gaaataatgc

167521	cacatatcta	caaccatctg	atctttgaca	aacctgacaa	aaacaagaaa	tgggaaaagg
167581	attccctatt	taataaatgg	tgctgggaaa	actggctagc	catatgtaga	aagctgaaac
167641	tggatcactt	ccttacacct	tatacaaaaa	ttaattcaag	atggattaaa	aacttaaatg
167701	ttagacctaa	aaccataaaa	accctagaag	aaaacctagg	caataccatt	cagtacatag
167761	gcatgggcaa	ggacttcatg	tctaaaacac	caaaagcaat	ggcaacaaaa	gccaaaattg
167821	acaaatggga	tctaattaaa	ctaaagagct	tctgcacagc	caaagaaact	accatcagag
167881	tgaacaggca	acctacagaa	tgggagaaaa	tttttgcaat	ctacccatct	gacaaaggac
167941	taatattccag	aatctacaat	gaactcaaac	aaattttaca	gaaaaaacaa	ccccatcaaa
168001	aagtgggcaa	aggatatgaa	cagacacttc	tcaaaagaag	acattttatgc	agccaaaaaa
168061	cacatgaaaa	aatgctcatc	atcactggtc	atcagagaaa	tgcaagtaaa	aaccacagtg
168121	agacaccatc	tcacaccagt	tagaatggca	atcattaaaa	agtcaggaaa	caacaggtgc
168181	tggagagggt	gtggagaaat	aggaacactt	ttacactggt	ggtgggactg	taaactagtt
168241	caaccattgt	ggaagtcagt	gtggcgattc	ctcagggatg	tagaactaga	actaccattt
168301	gacccagaca	ccccattact	gggtatatac	acaaaggatt	ataaatcatg	ctgctataaa
168361	gacacatgca	cacgtatggt	tattgtggca	ctattcacaa	tagcaaagac	ttggaaccaa
168421	cccaaagtgc	caacaacgat	agactagagt	aagaaaatgt	ggcacatata	caccatggaa
168481	tactatgcag	ccataaaaaa	tgaagagttc	acgtcccttg	tagggacatg	gatgaaactg
168541	gaaacctatca	ttctcagcga	actatcgcaa	ggacaaaaaa	ccaaacacca	catgtttctca
168601	ctcatagggt	ggaactgaac	aatgagaaca	cttggacaca	gggtggggaa	catcacactc
168661	cggagactgt	tgtgggatag	ggggaggggg	gagggatagc	attaggagat	gtacctaatg
168721	ctaaaagacg	aggtaatggg	tgcagcacac	caacatggca	cttgcataca	tatgtaacaa
168781	acctgcacat	tgtgcacatg	taccctaaaa	cttaaagtat	aataataata	aaagaaaata
168841	aaaaagactg	accataccaa	atcttgtcaa	ggatgtggaa	gagtcgggac	tctcatatac
168901	tgtctggtgg	actgtgaaat	gttgcaatca	ctttgaaaaa	acactcaatg	tttttcaaaa
168961	agtgcctttt	aacatatacc	taccagccat	tcctcacaca	catggttagc	caagagatat
169021	gaacatgtat	gcccatacaa	atccctgtat	ttgagtgcgc	atagctgctt	catttgtaat
169081	agcccagact	ggaaacaatc	caatgtccat	caacaggtag	ataggaaaac	aaactgtggt
169141	atagccgtgt	gatgaaatc	tcagcaatgg	aaagaaataa	atcaccgata	cacaaaatga
169201	atctcaaaat	gattatgctg	agtgaagaa	gattgatttt	aaaaagggct	tgctataggg
169261	tttcattcat	ataaaattat	gagaaaagca	aattgatata	agacaaagca	gaccagacat
169321	tgccctgggg	aggagagggg	acaggctgga	gggattgcaa	agtgccacaa	ggaaacttta
169381	gggagtgcg	gacgtgttca	ctctcttggt	tgtggtgatt	gcttcgggga	tgcatthtga
169441	tgtcaaaaact	tacaccacc	gtatgatcca	gccattccac	ccctaagtat	ttacccaaga
169501	gacatgaaag	cacatgccc	tgcaaaaacc	gatgtgtagt	gtccagaatt	agatcactga
169561	tgattcttta	ccaagaatag	agtttctgga	gtaaaactcca	ttaagctaac	ttctgtttct
169621	tggtcagttt	tctacgtatt	aaagatgaac	cgttttcatt	ttttcacatt	tccattgtaa
169681	atthtgctaag	attggattca	ccagaacgtt	ttcccttgca	aatattgtaa	gatttcctat
169741	attgatgaga	ggcacagcga	ggacctctgc	ctctgtgagt	gtcaatattg	tgcatgatcc
169801	ctgccgcgcc	cactgttctg	gcatcagagt	cttgccctgt	acagtttagc	cactgtcaaa
169861	ccattttctt	ttattgttcc	tatcagtaaa	cttcattatg	aattcagttt	ttacaaatac
169921	ttttcatttg	cttagctgtc	ccatgagaaa	acagtgcgca	catccctcag	atatctaagt
169981	gtgcacaccc	ctcggatgtc	taggtgggca	caccctcgcg	atgtctagg	gggcacaccc
170041	gtcggatgtc	taggtgggca	caccctcgcg	atgtctagg	gggcacaccc	cttagatgtc
170101	taggtccctg	gagttttggt	ttgtcacaca	gctggtcatt	cttccatttc	tctgttact
170161	atgagcagga	gacacctgct	tcacgatctg	aaagtttaac	cttttcagg	ttaaactatc
170221	cataggaaca	tgaaggcaga	tcaaagagcg	tcaattttta	aatgaaaaat	tggaacatct
170281	attacattgg	taaagataga	cacatttgat	aagaacagt	tcggcttaga	tgtagggaaa
170341	tgggcactct	catgcatgga	aggctaaaca	ttccttccta	ggaaagaact	gtgccacttt
170401	gtcttataag	tatccctatt	gtggaagatc	aatttagaga	cataagatgg	gcctgtacac
170461	actagcatac	aaatatctct	atatttgcta	aatggaaaag	caagtcatag	agtagtgtga
170521	atggtgaaag	atcaggagat	tatgtggtat	gtcaccatat	taatgtgcat	gtgaagtttc
170581	caggaatcac	ggcttgaatt	ctccaccag	tctatggcct	ctcacagagt	gttccttgag
170641	agtaggccct	gtctctccaa	ggaggcccag	atgtcagcta	tagatgatag	gccagggta
170701	agattttctc	catcactggg	gagggaaaga	actaaggaca	aggagcattt	atggggagag
170761	agaaccaaga	aaatcaactc	tggatcacag	aaagctcaga	agagaagcag	tgaagtctct
170821	ggggtagaaa	aaagctgctg	ctgctgtagc	tccaccccca	cttgtccaaa	acccctttgt
170881	gaccgcagca	caccttgccc	catacttcta	cgtgctggcc	cacctggctc	tgtgtctggc

170941	tcagggtcac	tgagggtgaa	tcccaagctg	ccgctgttac	ggcttctgca	cggggccttg
171001	cattttgtat	gcttagtatt	tagagaatgt	caagtgtctg	gcaccagggg	acaaagggag
171061	attaagaaac	tggcttttag	agagagagcc	taaaagtcaa	taaaatgaat	taccaactcc
171121	aacttcagca	gcaccagctc	ttagccaagg	cagatagaat	gttttaagtg	tgatcaactg
171181	ttactatcct	acagagctat	gggccattcg	actcaatatg	caagcccggc	tatgtggcca
171241	aagcatttca	ggggtcataa	gaggaatg	gcaggcacca	aagtgccct	gcagataagc
171301	ataagattat	gcaccagcag	tcaccaccag	ctggcccatg	aatgacagcc	cacgttcatg
171361	ggcatttctg	gtgtgtcaag	acctgcttta	atgctccgca	tctgtcctta	tttcatggtc
171421	acacagccct	ctgggtggcac	atcttcccca	gagcacagag	cttatgcggg	gtagagcagg
171481	gtatttgctt	gaaccaggt	agaccaataa	attttgaaga	tgaagactca	cagctgctcc
171541	atcagtccag	gttccagctc	cagcaggaaa	atgactggtc	ctttgagctt	tctcagccag
171601	ggttcctccc	aactgccatg	gcaccttctc	tctgccacct	gtcttggtaa	ccggggcata
171661	ggaccacctt	gcacttgact	cacacaagca	gctaggtgga	cacacatatg	agtgaagct
171721	tgttgcaatg	actgctcagc	caaagtccaa	ggttttctct	ctttctgaga	cctgccatct
171781	tcagtctcac	aaggggttaa	accagcagtc	aagttttgca	tttttactcc	ctgatcagag
171841	tgggcggttg	gcctgaacct	atcaggatgt	ccattttttt	tttttgagat	ggagtctcac
171901	tctgtcgccc	aggctggagt	gcagtggcgt	gatctcgctt	tactgcaacc	tctgcctccc
171961	gggttcaagc	gattctcctg	cctcagcctc	ccgagtagct	gggattacag	gcaccgccac
172021	ctcacctggc	taatttttct	gtgttttttag	tagagatgga	gtttcaccat	attggtcagg
172081	ctggaggatt	tcttccccag	gattttgcaa	atagatgtga	acagttccag	gtgacagctg
172141	ccccagcgt	ggggcagtg	ggggcaggta	ctctatgcac	accagggtea	tgccttgctt
172201	gggttcctca	ccattcttg	tgtctgcttc	tggcctttcc	tattgggtct	gtgtgacatc
172261	tttgcatcct	tatcacttaa	atggctctaa	ctggtttctg	ttccttgcaa	tgggaaggct
172321	taaaataaat	aaccccaa	cctaaggaag	ccattcaaag	ctcactcagg	ggcatccaaa
172381	aagtattccc	cattgcaatt	cctagaaagc	gctagcaaag	aatacatttt	ttaatttgct
172441	caaatccagg	aactaataag	atttaactac	aggcaagtaa	tgaacaggct	tggttggtgc
172501	aactggacac	taacaagcca	caagcaaat	tgtgtttggt	agtagacact	tggtttggtg
172561	gcttagtggc	ctccttagcc	tttgtgttct	ggggagtcca	acattcatgc	agaattctct
172621	ctgtgggtgt	caacaccacc	agcctcctga	gagaagactt	ggaccacac	cccctctttc
172681	acagtcaagt	cactcacagc	tgctgctttg	ggggctccac	tcctttgact	tgacatgca
172741	gagatggctc	ttttattttc	accatttgct	gtttttccct	aagtgtgaaa	taaagaccat
172801	ccctggtcta	cagccccagg	tcaccttatt	ccagcattaa	aatcaagat	tttaaaaaac
172861	acgattggca	ctaattgtaca	agcaattctg	ccttattgta	gggtgaagga	gagagggtag
172921	attttatagg	ggaaatttg	gttgaggagg	gggataggaa	gaagtccaga	aagcatctct
172981	tgatgtatat	gcatgtatac	atacgatat	gtgtgtgtgt	atatctatat	atatatgttt
173041	atttatttat	ttcatctttc	ctttttctca	ggagtgaagg	gctcactggg	tctgttgaga
173101	accaggtcag	atcaggagg	cgaggtcagt	tctgggagct	ctgtggtctc	catgtcataa
173161	tggttctttc	cgtcggaata	ggtcttcccc	ttcaagacct	ctatgagctg	ctgtaggcgc
173221	ttggcaaaaag	aaagtccttg	gggaagtttt	gtggtagatg	agggtgtagg	tgggggtggg
173281	ggtgggggtg	ggggtaaagg	tgagggtggg	ggtgggggtg	ggggcggggg	tgaagggtggg
173341	ggtcggggct	gggctgccgg	tggtcgggg	ggaagtggtc	gagggggcgg	ttggaaatac
173401	caaggaaggt	gagcagagag	agggtgggag	aaggggggtc	gaatcggggg	cggtcgagtg
173461	gtgggaggtg	gaggggtggc	cgattgaatc	atacgcaaag	cgtagaacc	aatcttgagg
173521	gcgatccagt	tcagatagg	ccaggtggcc	gtgtagattc	cggggcgctt	ggcacgggca
173581	cagcctaccc	cccagcttgt	gattcccacg	accacacagg	cgctttccct	gctgtctttg
173641	cacatgagag	gcccgcgct	gtccccctgt	ccagaaggac	acagaggtea	ctatctgcct
173701	gagccactct	tcccctgccc	agaggggtca	gaaggctctg	ggaggacaat	ttccacagtc
173761	acatggtctc	ctgctgctgt	aaacgcaagt	ggtgttagta	aagtttgagg	gggtgtcagg
173821	ggcttcatgt	gggatgtgag	gaggggtgtga	attgtcagg	ctttccttgc	agtgagatga
173881	gcaaaccac	gtgtccacag	gggcacatgg	caggggcagc	cgggtggtgt	caccgctcat
173941	ccccactgtg	agagtaggtg	ctagaaaagg	gaccggggaa	gcagtcacta	gagaagggcc
174001	ctggggcagag	cagtggagat	agtggagctt	gggatccaa	aaggaggatg	ttctcagggg
174061	ccgggagagt	cctggaggga	cccagggg	cagaagccag	aagggaaggt	acctggcagg
174121	tgctgatctt	gcctacagga	taccccgccg	acacattgg	tggtgaacg	tgctcattgt
174181	accactgggt	cgagttacac	aagtcagggt	cgatgagatc	cacacgtgcc	tccatcagca
174241	tagatgatgg	cctgggggct	acagtcagac	cactcggtgg	tcagtgatca	cgggagacac
174301	ggacaaaagc	cctgcctcct	tgccccaccg	aaccccatcc	tctgtgatgc	tccagttaaa

174361	cctcagaccc	atccagtcga	tgccccgacc	cctccttata	caccagaaag	agcagacgag
174421	aggtggtggg	aggaggtggg	gaaacgttac	ccaaatcaag	gccagaggag	agaggaagag
174481	aggaaggaag	ggtggaggcc	cgtggacagg	tggatggagg	gtgggtgtgc	gtattaacga
174541	tggattatgg	aggttagtgt	cagtattgcc	aataacacct	ggtgcgcacc	aagcactccc
174601	tgagtcacat	ggtcccgtta	ttcccgtttt	ggatcagaag	gctggagcac	cgccccacca
174661	ggtcacagta	gagaggtggg	ggggctgcag	cctggcctca	ggactgctcc	tctccagact
174721	ccagtctgag	acacactgtc	cgctcccaca	gtctggctgt	aagccactcc	ccctgcttct
174781	tgtccctctt	cagacctcct	cggctcagct	gcggacggga	tctgctggag	ctgggtcagt
174841	aagtccctcc	ccatatgctg	cacatctgtt	ccgaggagac	cgcaggggaa	gctcgggcag
174901	cgctccaca	cacgggcaga	cctggcaggg	gcaggggcgg	ttgaaacaac	cccgatgcgg
174961	acttcctcga	aagccccaga	ctaggccggg	cgcgggggct	cacgcctgtc	atcccagcac
175021	tttgggaggg	cgaggcgggc	ggatcacgag	gtcaggagat	cgagaccatc	ccggctaata
175081	cggtgaaacc	ccgtctctac	taaaaatata	aaaaattagc	cgggcgtagt	gacagacgcc
175141	tgtagtccca	gctgctgggg	aggctgaggg	aggagaacgg	cgtgaaccgg	ggaggcggag
175201	gctgcagtga	gccgagatcg	agccaccgca	ctccagcctg	ggcgacagag	ccagactccg
175261	tctcaaacaa	aaaaagaaaag	acagcgctgg	actctctacc	gtgacctttg	ggttagaaaag
175321	acccgatgct	acggcgcgatg	cgccagcggt	gctccttttc	aaggggtccca	cagacagaag
175381	ggtccccaac	agcagcagcc	actctggccc	ccaccgcagc	agcacctaca	accctggggg
175441	tggatctgga	ggtcacctgc	agagcagatg	ggagcagact	gaggtagggg	cagaccaga
175501	acatagctgc	acaggccaag	acgggagaca	ggggacacac	gagtgcgtg	catagggctc
175561	ggcacacagc	aggcgtctgg	taagcggctg	ctgaaggagt	gctcgtggc	tttacgtttt
175621	ttaatccct	tagccctac	cttttcttac	catccaagca	gcagtgcag	ttttgtacat
175681	gactgccct	tgcggtaggg	gtgacattga	aacaacaatg	aaaacaatcc	tggcttatta
175741	gccattaaga	cgattttttt	tttttttgag	acagagtctc	gctctgtcgc	ccaggctgga
175801	gtgcagtggg	gcgatctcgg	ctcactgcaa	gctccatctt	ccgggttcac	gccattctcc
175861	tgccctagcc	tcccagatag	ctgagactac	aggcgcccgc	caccatgccc	ggctaatttt
175921	ctgtattttt	agtagaaatg	aggtttcacc	gtgttagcca	ggatggtctc	gatctcacga
175981	ccttgtgatc	caccctcctt	ggcctcccaa	agtgcaggga	ttacaggtgt	gagccaccgc
176041	gcccggccaa	gatgactttt	taagtctagg	gcagagccca	tagtcttgaa	agccatgggt
176101	tttattgtga	agagccaggt	gtcctcagac	agaaaagggt	tttctaaatc	ccagcacctt
176161	ggcgggtttt	tttttgagat	gaagttgcgc	tcttgttacc	cagtctggaa	tgcagtggcg
176221	cgatcttggc	tcactgcaac	cttcacctcc	cgggttcaag	tgattctcct	gcctcagcct
176281	cccagatacc	tgggacgaca	ggcatccacc	accacaccct	gctaattgtt	tatatatttta
176341	gtagagattg	ggtttcacca	tggtggccag	gctggctctc	aactcctgac	ctcaggtgat
176401	ccacctgcct	cggcctccca	aagtgcaggg	taaattacag	gaatgagcaa	ctgcaccacg
176461	ccgacacctg	ggcttttaaat	aacaaatgct	taaaagtctg	cagggactca	aaacccaatg
176521	ggaaagaagc	aatacccaag	caataccctt	ccagccccaa	agcagatgag	ttgaaggagg
176581	tggttaagaca	tggaaggttt	gaagggatca	caggagttag	agcctggggg	tttctttaag
176641	acttgggctt	atgggtacag	gatgtgtttg	taaaaatgaa	aaacaaaaaa	cccgaacacg
176701	aaacagagtg	atcctattag	gtttatggga	attc		

//