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   1  CTAAATTGTA AGCGTTAATA TTTTGTTAAA ATTCGCGTTA AATTTTTGTT
  51  AAATCAGCTC ATTTTTTAAC CAATAGGCCG AAATCGGCAA AATCCCTTAT
 101  AAATCAAAAG AATAGACCGA GATAGGGTTG AGTGGCCGCT ACAGGGCGCT
 151  CCCATTCGCC ATTCAGGCTG CGCAACTGTT GGGAAGGGCG TTTCGGTGCG
 201  GGCCTCTTCG CTATTACGCC AGCTGGCGAA AGGGGGATGT GCTGCAAGGC
 251  GATTAAGTTG GGTAACGCCA GGGTTTTCCC AGTCACGACG TTGTAAAACG
 301  ACGGCCAGTG AGCGCGACGT AATACGACTC ACTATAGGGC GAATTGGCGG
 351  AAGGCCGTCA AGGCCGTGAC GTTAAAACTA TTAAGCCATC CAATCGACCG
 401  TTAGTCGAAT CAGGACCGCT GGTGCGAGAA GCCGCGAAGT ATGGCGAATG
 451  CATCGTATAA CGTGTGGAGT CCGCTCATTA GAGCGTCATG TTTAGACAAG
 501  AAAGCTACAT ATTTAATTGA TCCCGATGAT TTTATTGATA AATTGACCCT
 551  AACTCCATAC ACGGTATTCT ACAATGGCGG GGTTTTGGTC AAAATTTCCG
 601  GACTGCGATT GTACATGCTG TTAACGGCTC CGCCCACTAT TAATGAAATT
 651  AAAAATTCCA ATTTTAAAAA ACGCAGCAAG AGAAACATTT GTATGAAAGA
 701  ATGCGTAGAA GGAAAGAAAA ATGTCGTGGA CATGCTGAAC AACAAGATTA
 751  ATATGCCTCC GTGTATAAAA AAAATATTGA ACGATTTGAA AGAAAACAAT
 801  GTACCGCGCG GCGGTATGTA CAGGAAGAGG TTTATACTAA ACTGTTACAT
 851  TGCAAACGTG GTTTCGTGTG CCAAGTGTGA AAACCGATGT TTAATCAAGG
 901  CTCTGACGCA TTTCTACAAC CACGACTCCA AGTGTGTGGG TGAAGTCATG
 951  CATCTTTTAA TCAAATCCCA AGATGTGTAT AAACCACCAA ACTGCCAAAA
1001  AATGAAAACT GTGGACAAGC TCTGTCCGTT TGCTGGCAAC TGCAAGGGTC
1051  TCAATCCTAT TTGTAATTAT TGAATAATAA AACAATTATA AATGCTAAAT
1101  TTGTTTTTTA TTAACGATAC AAACCAAACG CAACAAGAAC ATTTGTAGTA
1151  TTATCTATAA TTGAAAACGC GTAGTTATAA TCGCTGAGGT AATATTTAAA
1201  ATCATTTTCA AATGATTCAC AGTTAATTTG CGACAATATA ATTTTATTTT
1251  CACATAAACT AGACGCCTTG TCGTCTTCTT CTTCGTATTC CTTCTCTTTT
1301  TCATTTTTCT CCTCATAAAA ATTAACATAG TTATTATCGT ATCCATATAT
1351  GTATCTATCG TATAGAGTAA ATTTTTTGTT GTCATAAATA TATATGTCTT
1401  TTTTAATGGG GTGTATAGTA CCGCTGCGCA TAGTTTTTCT GTAATTTACA
1451  ACAGTGCTAT TTTCTGGTAG TTCTTCGGAG TGTGTTGCTT TAATTATTAA
1501  ATTTATATAA TCAATGAATT TGGGATCGTC GGTTTTGTAC AATATGTTGC
1551  CGGCATAGTA CGCAGCTTCT TCTAGTTCAA TTACACCATT TTTTAGCAGC
1601  ACCGGATTAA CATAACTTTC CAAAATGTTG TACGAACCGT TAAACAAAAA
1651  CAGTTCACCT CCCTTTTCTA TACTATTGTC TGCGAGCAGT TGTTTGTTGT
1701  TAAAAATAAC AGCCATTGTA ATGAGACGCA CAAACTAATA TCACAAACTG
1751  GAAATGTCTA TCAATATATA GTTGCTGATA TCGGGAGTTC AGTCGTCGAA
1801  TGCAAAGCGT AAAAAATATT AATAAGGTAA AAATTACAGC TACATAAATT
1851  ACACAATTTA AACGGATCCG GATCCAAGCT TCTAGAGTCG ACGGGCCCCC
1901  GGGCTGCAGA ATTCGAGCTC TCGAGGTACC GCGGCCGCAG ATCTTAATTA
1951  ATAAAACACG ATACATTGTT ATTAGTACAT TTATTAAGCG CTAGATTCTG
2001  TGCGTTGTTG ATTTACAGAC AATTGTTGTA CGTATTTTAA TAATTCATTA
2051  AATTTATAAT CTTTAGGGTG GTATGTTAGA GCGAAAATCA AATGATTTTC
2101  AGCGTCTTTA TATCTGAATT TAAATATTAA ATCCTCAATA GATTTGTAAA
2151  ATAGGTTTCG ATTAGTTTCA AACAAGGGTT GTTTTTCCGA ACCGATGGCT
2201  GGACTATCTA ATGGATTTTC GCTCAACGCC ACAAAACTTG CCAAATCTTG
2251  TAGCAGCAAT CTAGCTTTGT CGATATTCGT TTGTGTTTTG TTTTGTAATA
2301  AAGGTTCGAC GTCGTTCAAA ATATTATGCG CTTTTGTATT TCTTTCATCA
2351  CTGTCGTTAG TGTACAATTG ACTCGACGTA AACACGTTAA ATAACGCTTG
2401  GACATATTTA ACATCGGGCG TGTTAGCTTT ATTAGGCCGA TTATCGTCGT
2451  CGTCCCAACC CTCGTCGTTA GAAGTTGCTT CCGAAGACGA TTTTGCCATA
2501  GCCACACGAC GCCTATTAAT TGTGTCGGCT AACACGTCCG CGATCAAATT
2551  TGTAGTTGAG CTTTTTGGGC CTCATGGGCC TTCCGCTCAC TGCCCGCTTT
2601  CCAGTCGGGA AACCTGTCGT GCCAGCTGCA TTAACATGGT CATAGCTGTT
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2701  TCGGTCGTTC GGGTAAAGCC TGGGGTGCCT AATGAGCAAA AGGCCAGCAA
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2801  CCGCCCCCCT GACGAGCATC ACAAAAATCG ACGCTCAAGT CAGAGGTGGC
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2901  CTCGTGCGCT CTCCTGTTCC GACCCTGCCG CTTACCGGAT ACCTGTCCGC
2951  CTTTCTCCCT TCGGGAAGCG TGGCGCTTTC TCATAGCTCA CGCTGTAGGT
3001  ATCTCAGTTC GGTGTAGGTC GTTCGCTCCA AGCTGGGCTG TGTGCACGAA
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3051  CCCCCCGTTC AGCCCGACCG CTGCGCCTTA TCCGGTAACT ATCGTCTTGA
3101  GTCCAACCCG GTAAGACACG ACTTATCGCC ACTGGCAGCA GCCACTGGTA
3151  ACAGGATTAG CAGAGCGAGG TATGTAGGCG GTGCTACAGA GTTCTTGAAG
3201  TGGTGGCCTA ACTACGGCTA CACTAGAAGA ACAGTATTTG GTATCTGCGC
3251  TCTGCTGAAG CCAGTTACCT TCGGAAAAAG AGTTGGTAGC TCTTGATCCG
3301  GCAAACAAAC CACCGCTGGT AGCGGTGGTT TTTTTGTTTG CAAGCAGCAG
3351  ATTACGCGCA GAAAAAAAGG ATCTCAAGAA GATCCTTTGA TCTTTTCTAC
3401  GGGGTCTGAC GCTCAGTGGA ACGAAAACTC ACGTTAAGGG ATTTTGGTCA
3451  TGAGATTATC AAAAAGGATC TTCACCTAGA TCCTTTTAAA TTAAAAATGA
3501  AGTTTTAAAT CAATCTAAAG TATATATGAG TAAACTTGGT CTGACAGTTA
3551  CCAATGCTTA ATCAGTGAGG CACCTATCTC AGCGATCTGT CTATTTCGTT
3601  CATCCATAGT TGCCTGACTC CCCGTCGTGT AGATAACTAC GATACGGGAG
3651  GGCTTACCAT CTGGCCCCAG TGCTGCAATG ATACCGCGAG AACCACGCTC
3701  ACCGGCTCCA GATTTATCAG CAATAAACCA GCCAGCCGGA AGGGCCGAGC
3751  GCAGAAGTGG TCCTGCAACT TTATCCGCCT CCATCCAGTC TATTAATTGT
3801  TGCCGGGAAG CTAGAGTAAG TAGTTCGCCA GTTAATAGTT TGCGCAACGT
3851  TGTTGCCATT GCTACAGGCA TCGTGGTGTC ACGCTCGTCG TTTGGTATGG
3901  CTTCATTCAG CTCCGGTTCC CAACGATCAA GGCGAGTTAC ATGATCCCCC
3951  ATGTTGTGCA AAAAAGCGGT TAGCTCCTTC GGTCCTCCGA TCGTTGTCAG
4001  AAGTAAGTTG GCCGCAGTGT TATCACTCAT GGTTATGGCA GCACTGCATA
4051  ATTCTCTTAC TGTCATGCCA TCCGTAAGAT GCTTTTCTGT GACTGGTGAG
4101  TACTCAACCA AGTCATTCTG AGAATAGTGT ATGCGGCGAC CGAGTTGCTC
4151  TTGCCCGGCG TCAATACGGG ATAATACCGC GCCACATAGC AGAACTTTAA
4201  AAGTGCTCAT CATTGGAAAA CGTTCTTCGG GGCGAAAACT CTCAAGGATC
4251  TTACCGCTGT TGAGATCCAG TTCGATGTAA CCCACTCGTG CACCCAACTG
4301  ATCTTCAGCA TCTTTTACTT TCACCAGCGT TTCTGGGTGA GCAAAAACAG
4351  GAAGGCAAAA TGCCGCAAAA AAGGGAATAA GGGCGACACG GAAATGTTGA
4401  ATACTCATAC TCTTCCTTTT TCAATATTAT TGAAGCATTT ATCAGGGTTA
4451  TTGTCTCATG AGCGGATACA TATTTGAATG TATTTAGAAA AATAAACAAA
4501  TAGGGGTTCC GCGCACATTT CCCCGAAAAG TGCCAC
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