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51 TGGTTACGCG CAGCGTGACC GCTACACTTG CCAGCGCCCT AGCGCCCGCT

101 CCTTTCGCTT TCTTCCCTTC CTTTCTCGCC ACGTTCGCCG GCTTTCCCCG

151 TCAAGCTCTA AATCGGGGGC TCCCTTTAGG GTTCCGATTT AGTGCTTTAC

201 GGCACCTCGA CCCCAAAAAA CTTGATTAGG GTGATGGTTC ACGTAGTGGG

251 CCATCGCCCT GATAGACGGT TTTTCGCCCT TTGACGTTGG AGTCCACGTT

301 CTTTAATAGT GGACTCTTGT TCCAAACTGG AACAACACTC AACCCTATCT

351 CGGTCTATTC TTTTGATTTA TAAGGGATTT TGCCGATTTC GGCCTATTGG

401 TTAAAAAATG AGCTGATTTA ACAAAAATTT AACGCGAATT TTAACAAAAT

451 ATTAACGCTT ACAATTT-AG GTGGCACTTT TCGGGGAAAT GTGCGCGGAA

501 CCCCTATTTG TTTATTTTTC TAAATACATT CAAATATGTA TCCGCTCATG

551 AATTAATTCT TAGAAAAACT CATCGAGCAT CAAATGAAAC TGCAATTTAT

601 TCATATCAGG ATTATCAATA CCATATTTTT GAAAAAGCCG TTTCTGTAAT

651 GAAGGAGAAA ACTCACCGAG GCAGTTCCAT AGGATGGCAA GATCCTGGTA

701 TCGGTCTGCG ATTCCGACTC GTCCAACATC AATACAACCT ATTAATTTCC

751 CCTCGTCAAA AATAAGGTTA TCAAGTGAGA AATCACCATG AGTGACGACT

801 GAATCCGGTG AGAATGGCAA AAGTTTATGC ATTTCTTTCC AGACTTGTTC

851 AACAGGCCAG CCATTACGCT CGTCATCAAA ATCACTCGCA TCAACCAAAC

901 CGTTATTCAT TCGTGATTGC GCCTGAGCGA GACGAAATAC GCGATCGCTG

951 TTAAAAGGAC AATTACAAAC AGGAATCGAA TGCAACCGGC GCAGGAACAC

1001 TGCCAGCGCA TCAACAATAT TTTCACCTGA ATCAGGATAT TCTTCTAATA

1051 CCTGGAATGC TGTTTTCCCG GGGATCGCAG TGGTGAGTAA CCATGCATCA

1101 TCAGGAGTAC GGATAAAATG CTTGATGGTC GGAAGAGGCA TAAATTCCGT

1151 CAGCCAGTTT AGTCTGACCA TCTCATCTGT AACATCATTG GCAACGCTAC

1201 CTTTGCCATG TTTCAGAAAC AACTCTGGCG CATCGGGCTT CCCATACAAT

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1301 CCCATATAAA TCAGCATCCA TGTTGGAATT TAATCGCGGC CTAGAGCAAG

1351 ACGTTTCCCG TTGAATATGG CTCATAACAC CCCTTGTATT ACTGTTTATG

1401 TAAGCAGACA GTTTTATTGT TCATGACCAA AATCCCTTAA CGTGAGTTTT

1451 CGTTCCACTG AGCGTCAGAC CCCGTAGAAA AGATCAAAGG ATCTTCTTGA

1501 GATCCTTTTT TTCTGCGCGT AATCTGCTGC TTGCAAACAA AAAAACCACC

1551 GCTACCAGCG GTGGTTTGTT TGCCGGATCA AGAGCTACCA ACTCTTTTTC

1601 CGAAGGTAAC TGGCTTCAGC AGAGCGCAGA TACCAAATAC TGTCCTTCTA

1651 GTGTAGCCGT AGTTAGGCCA CCACTTCAAG AACTCTGTAG CACCGCCTAC

1701 ATACCTCGCT CTGCTAATCC TGTTACCAGT GGCTGCTGCC AGTGGCGATA

1751 AGTCGTGTCT TACCGGGTTG GACTCAAGAC GATAGTTACC GGATAAGGCG

1801 CAGCGGTCGG GCTGAACGGG GGGTTCGTGC ACACAGCCCA GCTTGGAGCG

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1951 GTCGGAACAG GAGAGCGCAC GAGGGAGCTT CCAGGGGGAA ACGCCTGGTA

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2101 GCCTTTTTAC GGTTCCTGGC CTTTTGCTGG CCTTTTGCTC ACATGTTCTT

2151 TCCTGCGTTA TCCCCTGATT CTGTGGATAA CCGTATTACC GCCTTTGAGT

2201 GAGCTGATAC CGCTCGCCGC AGCCGAACGA CCGAGCGCAG CGAGTCAGTG

2251 AGCGAGGAAG CGGAAGAGCG CCTGATGCGG TATTTTCTCC TTACGCATCT

2301 GTGCGGTATT TCACACCGCA TATATGGTGC ACTCTCAGTA CAATCTGCTC

2351 TGATGCCGCA TAGTTAAGCC AGTATACACT CCGCTATCGC TACGTGACTG

2401 GGTCATGGCT GCGCCCCGAC ACCCGCCAAC ACCCGCTGAC GCGCCCTGAC

2451 GGGCTTGTCT GCTCCCGGCA TCCGCTTACA GACAAGCTGT GACCGTCTCC

2501 GGGAGCTGCA TGTGTCAGAG GTTTTCACCG TCATCACCGA AACGCGCGAG

2551 GCAGCTGCGG TAAAGCTCAT CAGCGTGGTC GTGAAGCGAT TCACAGATGT

2601 CTGCCTGTTC ATCCGCGTCC AGCTCGTTGA GTTTCTCCAG AAGCGTTAAT

2651 GTCTGGCTTC TGATAAAGCG GGCCATGTTA AGGGCGGTTT TTTCCTGTTT

2701 GGTCACTGAT GCCTCCGTGT AAGGGGGATT TCTGTTCATG GGGGTAATGA

2751 TACCGATGAA ACGAGAGAGG ATGCTCACGA TACGGGTTAC TGATGATGAA

2801 CATGCCCGGT TACTGGAACG TTGTGAGGGT AAACAACTGG CGGTATGGAT

2851 GCGGCGGGAC CAGAGAAAAA TCACTCAGGG TCAATGCCAG CGCTTCGTTA

2901 ATACAGATGT AGGTGTTCCA CAGGGTAGCC AGCAGCATCC TGCGATGCAG

2951 ATCCGGAACA TAATGGTGCA GGGCGCTGAC TTCCGCGTTT CCAGACTTTA

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3251 AGGGCGTGCA AGATTCCGAA TACCGCAAGC GACAGGCCGA TCATCGTCGC

3301 GCTCCAGCGA AAGCGGTCCT CGCCGAAAAT GACCCAGAGC GCTGCCGGCA

3351 CCTGTCCTAC GAGTTGCATG ATAAAGAAGA CAGTCATAAG TGCGGCGACG

3401 ATAGTCATGC CCCGCGCCCA CCGGAAGGAG CTGACTGGGT TGAAGGCTCT

3451 CAAGGGCATC GGTCGAGATC CCGGTGCCTA ATGAGTGAGC TAACTTACAT

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3851 CATCTGATCG TTGGCAACCA GCATCGCAGT GGGAACGATG CCCTCATTCA

3901 GCATTTGCAT GGTTTGTTGA AAACCGGACA TGGCACTCCA GTCGCCTTCC

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4201 CATCCTGGTC ATCCAGCGGA TAGTTAATGA TCAGCCCACT GACGCGTTGC

4251 GCGAGAAGAT TGTGCACCGC CGCTTTACAG GCTTCGACGC CGCTTCGTTC

4301 TACCATCGAC ACCACCACGC TGGCACCCAG TTGATCGGCG CGAGATTTAA

4351 TCGCCGCGAC AATTTGCGAC GGCGCGTGCA GGGCCAGACT GGAGGTGGCA

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4651 AGGTTTTGCG CCATTCGATG GTGTCCGGGA TCTCGACGCT CTCCCTTATG

4701 CGACTCCTGC ATTAGGAAGC AGCCCAGTAG TAGGTTGAGG CCGTTGAGCA

4751 CCGCCGCCGC AAGGAATGGT GCATGCAAGG AGATGGCGCC CAACAGTCCC

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5201 TGAGTTGGCT GCTGCCACCG CTGAGCAATA ACTAGCATAA CCCCTTGGGG

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5301 GGAT