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1    ATGAGTGACGGAAATCCAGAGCTCCTGTCAACCAGCCAGACCTATAACAGCCAGGGCGAGAGTAACGAAGACTATGAGATTCCTCCTATA
1    MetSerAspGlyAsnProGluLeuLeuSerThrSerGlnThrTyrAsnSerGlnGlyGluSerAsnGluAspTyrGluIleProProIle

91   ACGCCTCCCAATCTCCCTGAGCCATCCCTCCTGCACCTGGGGGATCACGAAGCCGGCTACCACTCGCTGTGTCACGGCCTTGCGCCCAAC
31   ThrProProAsnLeuProGluProSerLeuLeuHisLeuGlyAspHisGluAlaGlyTyrHisSerLeuCysHisGlyLeuAlaProAsn

181  GGTCTGCTCCCTGCCTACTCGTACCAAGCAATGGATCTCCCTGCCATCATGGTGTCCAACATGCTGGCCCAGGACGGCCATCTGCTGTCA
61   GlyLeuLeuProAlaTyrSerTyrGlnAlaMetAspLeuProAlaIleMetValSerAsnMetLeuAlaGlnAspGlyHisLeuLeuSer

271  GGCCAGCTGCCCACGATCCAGGAAATGGTCCACTCGGAGGTGGCGGCATATGACTCAGGCCGGCCAGGGCCCCTGCTGGGCCGCCCGGCG
91   SerGlyTyrHisSerLeuCysHisProMetAsnHisAsnGlyLeuLeuProPheHisProGlnThrMetAspLeuProGluIleThrVal

361  ATGCTGGCCAGCCACATGAGTGCCCTCAGCCAGTCTCAGCTCATCTCCCAGATGGGTATCCGGAGTGGCATTGCTCACGGCTCCCCATCA
121  GlyGlnLeuProThrIleGlnGluMetValHisSerGluValAlaAlaTyrAspSerGlyArgProGlyProLeuLeuGlyArgProAla

451  CCTCCAGGGAGCAAGTCAGCGACCCCCTCTCCATCCAGTTCCACACAGGAGGAGGAATCAGATGCCCATTTCAAGGTGCGTGATGTGGAA
151  ProProGlySerLysSerAlaThrProSerProSerSerSerThrGlnGluGluGluSerAspAlaHisPheLysValArgAspValGlu

541  GGGCGTGGCTTCAAGATCTCGGGAGAGAAGAGACCCTCAGTGGACCCAGGCAAAAAGGCCAAGAATCCAAAGAAGAAGAAGAAGAAGGAC
181  GlyArgGlyPheLysIleSerGlyGluLysArgProSerValAspProGlyLysLysAlaLysAsnProLysLysLysLysLysAsp

631  CCCAATGAGCCACAGAAGCCAGTGTCGGCCTACGCTCTCTTCTTCAGAGACACTCAGGCTGCCATCAAGGGGCAGAATCCCAGTGCCACC
211  ProAsnGluProGlnLysProValSerAlaTyrAlaLeuPhePheArgAspThrGlnAlaAlaIleLysGlyGlnAsnProSerAlaThr

721  TTTGGAGATGTGTCCAAAATAGTGGCGTCCATGTGGGACAGCCTGGGAGAAGAGCAGAAACAGGCGTATAAGAGGAAGACTGAAGCTGCC
241  PheGlyAspValSerLysIleValAlaSerMetTrpAspSerLeuGlyGluGluGlnLysGlnAlaTyrLysArgLysThrGluAlaAla

811  AAGAAGGAGTACCTGAAAGCCTTGGCGGCCTACAGAGCTAGCCTCGTGTCCAAGAGCCCCCCGGACCAAGGTGAGGCCAAGAACACTCAG
271  LysLysGluTyrLeuLysAlaLeuAlaAlaTyrArgAlaSerLeuValSerLysSerProProAspGlnGlyGluAlaLysAsnThrGln

901  GCAAACCCACCAGCCAAAATGCTTCCACCCAAGCAGCCCATGTACGCCATGCCCGGCCTGGCTTCCTTCCTGACGCCCTCCGACCTGCAG
301  AlaAsnProProAlaLysMetLeuProProLysGlnProMetTyrAlaMetProGlyLeuAlaSerPheLeuThrProSerAspLeuGln

991  GCCTTCCGCAGTGGAGCCTCTCCCGCCAGCCTTGCCAGGACGCTGGGCTCCAAGGCCCTGCTGCCGGGCCTCAGCACATCGCCGCCACCA
331  AlaPheArgSerGlyAlaSerProAlaSerLeuAlaArgThrLeuGlySerLysAlaLeuLeuProGlyLeuSerThrSerProProPro

1081 CCCTCCTTCCCCTCTCAGCCCCTCACTGCACCAGCAGCTGCCACTGCCCCCCCCACGCGCAGGGCACTCTCCTCAGCCCGCCTCTCAGCATG
361  ProSerPheProLeuSerProSerLeuHisGlnGlnLeuProLeuProProHisAlaGlnGlyThrLeuLeuSerProProLeuSerMet

1171 TCCCCAGCCCCGCAGCCTCCTGTCCTGCCTGCCTCCATGGCACTCCAGGTGCAGCTGGCGATGAGCCCCTCACCTCCAGGGCCACAGGAC
391  SerProAlaProGlnProProValLeuProAlaSerMetAlaLeuGlnValGlnLeuAlaMetSerProSerProProGlyProGlnAsp

1261 TTCCCACACATCTCTGATTTCTCCAGTGGCTCTGGCTCCCGCTCACCTGGCCCATCCAACCCTTCCAGCAGCGGAGACTGGGATGGGAGT
421  PheProHisIleSerAspPheSerSerGlySerGlySerArgSerProGlyProSerAsnProSerSerSerGlyAspTrpAspGlySer

1351 TACCCCAGTGGGGAGCGTGGCCTCGGCACCTGCAGAAGCAGACTCAGGATGCCACCTGAGTTCATGGCCACAGTAGGGCCACATCCAGAA
451  TyrProSerGlyGluArgGlyLeuGlyThrCysArgSerArgLeuArgMetProProGluPheMetAlaThrValGlyProHisProGlu

1441 TGTCTACACTACAATTTCTACACATACAAATCTCAGCCTGTGAACACCAACCCAAGCCTCACCCTCTGGCTGCCTCCACCTCAGGGAGTG
481  ThrAlaAlaGlnValValThrGlnAlaMetGluTyrValArgSerGlyCysArgAsnProProProGlnProValAspTrpSerThrAsp

1531 GTGACCATCGCAGCCCACTCCGTTCTACAGTGA
511  ValThrIleAlaAlaHisSerValLeuGln<U>
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