```
1         10        20        30        40        50        60        70        80        90        100       110       120       130       140       150       160
GGAGAGCCCTCGTTTTACTAGGCCCCCGGCTTGGGGCGCCTTCCTTCCCCATGGCGGGACACCTGGCTTCCGACTTCGCCTTCTCGCCACCACCGGGCGGTGGAGGCGATGGGCCAGGAGGGCCAGAGCCGGGCTGGGTTGATCCTCGGACCTGGCTGAG
                                                  M  A  G  H  L  A  S  D  F  A  F  S  P  P  P  G  G  G  G  D  G  P  G  G  P  E  P  G  W  V  D  P  R  T  W  L  S

170       180       190       200       210       220       230       240       250       260       270       280       290       300       310       320
CTTCCAAGGGCCTCCCGGTGGGTCAGGAATCGGGCCGGGGGTTGGGCCGGGGGCCGAGGTGTGGGGGCTTCCCCCGTGTCCCCCGCCCTATGACTTATGCGGAGGGATGGCCTACTGTGGACCTCAGGTCGGTGTGGGGCTGGTGCCCCAAGGCGGCCTG
F  Q  G  P  P  G  G  S  G  I  G  P  G  V  G  P  G  A  E  V  W  G  L  P  P  C  P  P  P  Y  D  L  C  G  G  M  A  Y  C  G  P  Q  V  G  V  G  L  V  P  Q  G  G  L

330       340       350       360       370       380       390       400       410       420       430       440       450       460       470       480
GAGACCCCTCAGCCCGAGGCCGAGGCGGGAGCCGGGGTGGAGAGAAGCAGGAGCCAACCCCCGAGGAGGCGATCCCAGGACATCAAAGCTCTTCAGAAAGACCTGGAACAATTTGCCAAGCTCCTGAAGCAGAAGAGGATCACCCTGGGATATACCCAGG
E  T  P  Q  P  E  A  E  A  G  A  G  V  E  R  S  R  S  Q  P  P  R  R  R  S  Q  D  I  K  A  L  Q  K  D  L  E  Q  F  A  K  L  L  K  Q  K  R  I  T  L  G  Y  T  Q

490       500       510       520       530       540       550       560       570       580       590       600       610       620       630       640
CCGATGTGGGGCTCACCCTAGGGGTTCTCTTTGGGAAAGTGTTCAGCCAAACGACCATCTGCCGTTTTGAGGCTCTGCAGCTCAGTTTCAAGAACATGTGTAAGCTGCGGCCCCTGCTGCAGAAGTGGGTGGAGGAAGCTGACAACAACGAGAATCTACA
A  D  V  G  L  T  L  G  V  L  F  G  K  V  F  S  Q  T  T  I  C  R  F  E  A  L  Q  L  S  F  K  N  M  C  K  L  R  P  L  L  Q  K  W  V  E  E  A  D  N  N  E  N  L  Q

650       660       670       680       690       700       710       720       730       740       750       760       770       780       790       800
GGAGATATGCAAAGCAGAGACCCTTGTGCAGGCCCGGAAGAGAAAGCGGACTAGTATCGAGAACCGAGTGAGAGGCAACCTGGAGAGCATGTTCCTGCAGTGCCCAAAACCTACCCTGCAGCAGATCAGCCACATCACCCAGCAGCTCGGGCTTGAGAAG
E  I  C  K  A  E  T  L  V  Q  A  R  K  R  K  R  T  S  I  E  N  R  V  R  G  N  L  E  S  M  F  L  Q  C  P  K  P  T  L  Q  Q  I  S  H  I  T  Q  Q  L  G  L  E  K

810       820       830       840       850       860       870       880       890       900       910       920       930       940       950       960
GATGTGGTCCGAGTGTGGTTCTGCAACCGTCCCCAGAAGGGCAAACGATCAAGCAGTGACTATTCGCAACGAGAGGATTTTGAGGCTGCTGGGTCTCCTTTCTCAGGGGGACCAGTATCCTTTCCTCTGGCACCAGGGCCCCACTTTAGTACCCCGGGCT
D  V  V  R  V  W  F  C  N  R  P  Q  K  G  K  R  S  S  S  D  Y  S  Q  R  E  D  F  E  A  A  G  S  P  F  S  G  G  P  V  S  F  P  L  A  P  G  P  H  F  S  T  P  G

970       980       990       1,000     1,010     1,020     1,030     1,040     1,050     1,060     1,070     1,080     1,090     1,100     1,110     1,117
ACGGGGGCCCTCACTTCACCACACTGTACTCCCCGGTCCCATTCCCTGAGGGTGAGGCCTTTCCCTCGGTGTCTGTCACCACTCTGGGCTCTCCCATGCATTCAAACTGAGGTGCCTGCCCTTCCCAGGAATGAGGTGGAGGGCAGAGGAAGGGGAG
Y  G  G  P  H  F  T  T  L  Y  S  P  V  P  F  P  E  G  E  A  F  P  S  V  S  V  T  T  L  G  S  P  M  H  S  N  *
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