```
cggcgggcggaggaggaggaggagtctcgtatcctcagggtgaaggtggtgtctggcatt        60
 R  R  A  E  E  E  E  E  S  R  I  L  R  V  K  V  V  S  G  I
gatctggcaaaaaaagacatcttcggagccagtgacccctacgtgaagctttccttgtat       120
 D  L  A  K  K  D  I  F  G  A  S  D  P  Y  V  K  L  S  L  Y
gtagcagatgagaacagagaacttgccttggtgcagacaaaaactattaaaaagacacta       180
 V  A  D  E  N  R  E  L  A  L  V  Q  T  K  T  I  K  K  T  L
aatccaaaatggaatgaagaattttatttcagagtaaacccaaccaaccatcgcctcctg       240
 N  P  K  W  N  E  E  F  Y  F  R  V  N  P  T  N  H  R  L  L
tttgaagtgtttgatgagaacagattgactagagacgacttcctgggccaggtggatgtg       300
 F  E  V  F  D  E  N  R  L  T  R  D  D  F L  G  Q   V  D  V
cctcttagccaccttccgactgaagacccaagcatggaaaggccttatacatttaaggat       360
 P  L  S  H  L  P  T  E  D  P  S  M  E  R  P  Y  T  F  K  D
ttccttctcagaccaagaagtcacaagtctcgtgtgaagggtttcttgaggctgaagatg       420
 F  L  L  R  P  R  S  H  K  S  R  V  K  G  F  L  R  L  K  M
gcttacatgcctaaaaacggtggccaagaggaggaaaacagcgatcaaagggatgagtct       480
 A  Y  M  P  K  N  G  G  Q  E  E  E  N  S  D  Q  R  D  E  S
gagcatggatgggatgtggttgattccagtgactctgcatctcagcgtcaggaggagtta       540
 E  H  G  W  D  V  V  D  S  S  D  S  A  S  Q  R  Q  E  E  L
ccacctcctccactgcctcctggatgggaggagaaggttgacaacctggggcggacttac       600
 P  P  P  P  L  P  P  G  W  E  E  K  V  D  N  L  G  R  T  Y
tatgtcaaccacaacaacagaactacgcaatggcaccgaccaagtttaattgatgtggga       660
 Y  V  N  H  N  N  R  T  T  Q  W  H  R  P  S  L  I  D  V  G
tctgattcagataacaacatcagacaaataaaccatgaagcagcccataggcggttccgc       720
 S  D  S  D  N  N  I  R  Q  I  N  H  E  A  A  H  R  R  F  R
tctcgaagacacattagtgaggatttggaaccggaacctttggagactggagacattcct       780
 S  R  R  H  I  S  E  D  L  E  P  E  P  L  E  T  G  D  I  P
gagccttgggaagccatttcagaggaggcgagtgcaactggggatactttaagcttatcg       840
 E  P  W  E  A  I  S  E  E  A  S  A  T  G  D  T  L  S  L  S
ttgccaccacctcctgcatctcctgtttcccgtagcagtcctcaggagctatctgaggaa       900
 L  P  P  P  P  A  S  P  V  S  R  S  S  P  Q  E  L  S  E  E
ctgagcagaagacttcagatcactcctgactccaatggggaacagctgagttctttgatc       960
 L  S  R  R  L  Q  I  T  P  D  S  N  G  E  Q  L  S  S  L  I
caaagagatccttcctcaaggctgagatcttgcagcgtaacagatacggtcgctgaacag      1020
 Q  R  D  P  S  S  R  L  R  S  C  S  V  T  D  T  V  A  E  Q
tctcaattatctttgccttcagtggcctatgtccacaccactccaggcttaccttcaggc      1080
 S  Q  L  S  L  P  S  V  A  Y  V  H  T  T  P  G  L  P  S  G
tgggaggaaagaaaggatgcaaagggccgtacttactatgtcaatcacaacaatcgaacc      1140
 W  E  E  R  K  D  A  K  G  R  T  Y  Y  V  N  H  N  N  R  T
acaacctggacacggcccatcatgcagcttgcagaagatggcatggttggatcggcagca      1200
 T  T  W  T  R  P  I  M  Q  L  A  E  D  G  M  V  G  S  A  A
aacaacaacaaccatctgagcgagccccagatcagacggccccgcagcctcagttcgccc      1260
 N  N  N  N  H  L  S  E  P  Q  I  R  R  P  R  S  L  S  S  P
acagtcaccttatctgctccactcgagggcatgaaggactccccggtgcgcagagccgtg      1320
 T  V  T  L  S  A  P  L  E  G  M  K  D  S  P  V  R  R  A  V
aaggacacccttccaacccgcagtctccgcagccatctccctacaactctcccaaacca      1380
 K  D  T  L  S  N  P  Q  S  P  Q  P  S  P  Y  N  S  P  K  P
cagcacaaagttgcgcagagcttcctcccccctggctgggagatgcggatagcacccaac      1440
 Q  H  K  V  A  Q  S  F  L  P  P  G  W  E  M  R  I  A  P  N
ggccggcccttcttcatcgatcacaacactaagactactacctgggaagatccgcgactg      1500
 G  R  P  F  F  I  D  H  N  T  K  T  T  T  W  E  D  P  R  L
aaatttccagtgcatttgagaacaaaagcttctctgaaccccaacgatttgggccctctt      1560
 K  F  P  V  H  L  R  T  K  A  S  L  N  P  N  D  L  G  P  L
cctcctggctgggaggaaaggatacacttggacggaagaacgttctatatagatcataat      1620
 P  P  G  W  E  E  R  I  H  L  D  G  R  T  F  Y  I  D  H  N
aataaaattacccagtgggaagaccccagactgcagaacccagcaattactggtcctgcg      1680
 N  K  I  T  Q  W  E  D  P  R  L  Q  N  P  A  I  T  G  P  A
gttccgtattctagggagttcaaacagaagcg                                  1712
 V  P  Y  S  R  E  F  K  Q  K
```