

GTCATAACTCGGCAAAACATAGATTAGACAGAATTTTCTGAGTTCCTATCTAGAGGAACTC 60
 GATGAACTTGAGGCATTGTGCGAGGTTCTTCCTTTCCCGGACTACTTTTTGCGTGTACTA 120
 GGCAAATATATGAAGTTTGTGAGTTTCGGATCACACCAGGAGTCAAGTTTGGACCAAAC 180
 TGACAAATACATAAGTTTGGCGAGCTCCGAATGAAATGAACTCTGCAAAAAGAATAGAACT 240
 CGGCGCAAAACCAGATTCTAATAGTGTGTGAATTTTTGGGCTGTTTTGTATAAAATATGAT 300
 GAACTTAGTAAAATTTCACTCAGGTCATGCTAATGTGGAGAGTAAATAAAAAATGAAG 360
 GGAGTACTTGGCTGCATCATATGTTTGCCTCCGATCACCTTCACATCTCCCGTCCGGAG 420
 GGCCGTGATCGGAAAGCACTCAGCCGGAGCCCGCCGGCGCTTGGCGTTGGGTACTCTG 480
 CCACCTATTTATATACCCTAGGTCCTCCTGGAGACACGCACTCCCTCCTTCAACT 540
AGTGTCTTTCGGCCCGTGGTCTCCTCTCGATCCAGTTCCTGAGCACACCAACAGGCAAC 600
AGAACAACCTACCGTGTCTCCCTCCAATCTCCTCACGATCCCTTCTTCCCTCAGATCC 660

1 GAACCGAAAGCATGGACAAGCATCAGCTCTTTGATTCTCCAACGTGGACACGACTTTTCT 720
 M D K H Q L F D S S N V D T T F F

18 TCGCGGCCAATGGTACACACGACGCCGCGCGCCCGTCTTTGCGCATGCGATGATGCA 780
 A A N G

GCTGCAGTAGCTTCAGTTTCACCGCCAGGACACGCATGTGATGACGTTTTTTCCATTCT 840

21 GTGTTTGTATGTGCAGGCACGGCGCAGGGGGATACCAGCAAGCAGAGGGCGCGGCAGG 900
 T A Q G D T S K Q R A R R R

36 CGGCGGAGGTTCGGCGAGGTGCGGCGGAGGGGATGGTGACGGTGGGGAGATGGACGGAGGA 960
 R R R S A R C G G G D G D G G E M D G G

56 GGGGACCCCAAGAAGCGGGCTCACCGACGAGCAGGCCGAGATTCTGGAGCTGAGCTTC 1020
 G D P K K R R L T D E Q A E I L E L S F

76 CGGGAGGACCGCAAGCTGGAGACAGCCCGCAAGGTGTATCTGGCCGCCGAGCTCGGGCTG 1080
R E D R K L E T A R K V Y L A A E L G L

96 GACCCCAAGCAGGTTCGCGGTGTGGTTCCAGAACC CGCGCGCCACAAGAACAAGACG 1140
D P K Q V A V W F Q N R R A R H K N K T

116 CTCAGGAGGAGTTTCGCGAGGCTCAAGCACGCCACGACGCCGCATCTCCACAAATGC 1200
L E E E F A R L K H A H D A A I L H K C

136 CACCTCGAGAACGAGGTATGCTTGCTCGCATACACTCACACTGGCTTACATATGGCGCTG 1260
 H L E N E

141 CACATCTGCAGTTCCTCTCCGTCTTGAACATGCTTACTGACAAACATATGGCCAGCTGC 1320
 L L

143 TGAGGCTGAAGGAGAGACTGGGAGCGACTGAGCAGGAGGTGCGGCGCTCAGGTCGGCAG 1380
 R L K E R L G A T E Q E V R R L R S A A

163 CTGGGAGCCACGGGGCATCTGTGGATGGCGGACACGCCGCTGGCGCCGTTGGCGTGTGCG 1440
 G S H G A S V D G G H A A G A V G V C G

183 GCGGGAGCCCGAGCTCGTCTTCTCGACGGAACTGCCAGCAGCAGCCGGTTTCAGCG 1500
 G S P S S S F S T G T C Q Q Q P G F S G

203 GGGCAGACGTGCTGGGGCGGACGATGACCTGATGATGTGCGTCCCCGAGTGGTTTTTAG 1560
 A D V L G R D D D L M M C V P E W F L A

1620 CATGAATTAGAGTTTATGCTGGCTAAGCCGATAGCAGCGTGGTTCGAGTGTTTTTTAGCAT
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1680 GAAATCAGATCTCCATCTCCATAAAATAGCCGAGATAGCTGCTGCCCGCCCAAATCCT
 1740 CTATAGGGCTTCAAGATCGGCGAAGAACTCTAGAAATCATCTCCCCCTCCGGAAAAGTC
 1800 GCCTCTATTTGCTCCATTTGCCCGGATGCAGCATCCGGTATAGCTGCTAAGACAGGCCG
 1860 CCCCTAATCGTTTCTCCAGCGATTTAATCTTTGGTTTTTAGCCTGATATATGGGCTG
 1920 TGATTTGAAGTTGAGACGAGCTGGACATCACTGCAGCTGATCGATCTACTATTCTAGTT
 1980 TGGCATAGTGTAAATTAAGTTTGGATGATCTCTAGGCGTGCCTTAAGTATGTAGATAGTG
 2040 TTGATTAATGGCAAAAGCTTGAAGTTAAGTGTAGTATGGCAGCTCTCTTGAAGATCAA
 2100 ATATGATGTGTATTATCATTGATGATATATATTTTACTTCAGCCGTAAATAGTCTTCTT
 2147 AGGGAAGCACTGTCCATGTATGTGCTGGTAGTTGGCAATCATCTTTC