G L P A V K A L K S M T T H Q R S T Q L A T L V S L S I P R S T E E I L F I P Q L L T R I R Q I F G
251 260 270 280 290 300
H H T T G H T

F N S K Q C L Y T V S L L S S L K N R L P A P R L L A P S T S T K L K E K D E D K K L D D D S A F V
301 310 320 330 340 350
T E H H T T H

K R F Q S T N L S E F V D L K K F L I S L K F N I N S F S K Q S E K P A N D Q D D E L L S L T E I K
351 360 370 380 390 400
H T H G T S H

E L L H L F F K F W S N Q V P I L N N D H F L I Y F N N F V E V V K H L S T E N L E T N N T T K S T
401 410 420 430 440 450
T E H T H T

V T T N H E I F A L K L L M M L Q M G L L V K I K M E K I K Y T V P K N P K A K Y A R L M A Y Y H Q
451 460 470 480 490 500
H T S T T H

L S L I I P K N P Y F L N M S T T S L P S L Q L L S L A S F Y Y L N V G D I S A I Y G V R G R I V S
501 510 520 530 540 550
T S H S H

M A Q Q L R L H R C P S A V L S V H S N P V L Q K F E Q S E R R L L F W A I Y Y V D V F A S L Q L G
551 560 570 580 590 600
T T T S T H T

V P R L L K D F D I E C A L P I S D V E Y K D Q L S M E N E K A D K K A K K I Q L Q G Q V S S F S L
601 610 620 630 640 650
G E T S T H T H

Q I I R F A K I L G N I L D S I F K R G M M D E R I T S E V A L V H E N A L D N W R N Q L P E M Y Y
651 660 670 680 690 700
T H S G

F Q I T V N G T V N L D E I R A T N Q R N T E T K F D K K D I I L F E K K I L L L F Y F L A K S M I
701 710 720 730 740 750
E T E H T H

H L P V I A T K P L P K N V D N A T K K K Q S M F N N D S K G A T N Q D H M I L D V D M T S P A I R
751 760 770 780 790 800
H E H T E S H E H T H

T S S S Y I I L Q Q A T N A T L T I F Q A I N S M Y L P L P L N V S R T L I R F S L L C A R G S L E
801 810 820 830 840 850
E H T

Y T K G G A L F L D N K N L L L D T I K D I E N D R L L D L P G I A S W H T L K L F D M S I N L L L
851 860 870 880 890 900
T E H E H H

K A P N V K V E R L D K F L E K K L N Y Y N R L M G L P P A T T T S L K P L F G S Q S K N S L E N R
901 910 920 930 940 950
T H H

Q R T P N V K R E N P E H E Y L Y G N D S N N N N N S E A G H S P M T N T T N G N K R L K Y E K D A
951 960 970 980 990 1000
H T E T E H

K R N A K D G G I S K G E N A H N F Q N D T K K N M S T S N L F P F S F S N T D L T A L F T H P E G
1001 1010 1020 1030 1040 1050
T T E H T H T

P N C T N T N N G N V D V C N R A S T D A T D A N I E N L S F L N M A P F L Q T G N S N I G Q N T I
1051 1060 1070 1080 1090 1100
T T E T T H T S H

E N K P M H M D A I F S L P S N L D L M K D N M D S K P E Q L E P V I K Q N P E N S K N N Q F H Q K
1101 1110 1120 1130 1140 1150
H H H

G K S T N M E K N N L S F N N K S N Y S L T K L M R L L N N D N S F S N I S I N N F L Y Q N D Q N S
1151 1160 1170 1180 1190 1200
T H T H T H