

-16 -11 -6 -1 5 10 15 20 25 30 35 40 45 50 55 60 65  
MKT I I A L S Y I L C L V F A Q K L P G N D N S T A T L C L G H H A V P N G T I V K T I T N D Q I E V T N A T E L V Q S S S T G E I C D S P H Q I L D G K N C T

70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145  
L I D A L L G D P Q C D D F Q N K K W D L F V E R S K A Y S N C Y P Y D V P D Y A S L R S L V A S S G T L E F N N E S F N W T G V T Q N G T S S A C I R R S K N S

150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225  
F F S R L N W L T H L N F K Y P A L N V T M P N N E Q F D K L Y I W G V L H P G T D K D Q I F L Y A Q A S G R I T V S T K R S Q Q I V S P N I G S R P R V R N I P

230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305  
S R I S I Y W T I V K P G D I L L I N S T G N L I A P R G Y F K I R S G K S S I M R S D A P I G K C N S E C I T P N G S I P N D K P F Q N V N R I T Y G A C P R Y

310 315 320 325 (HA2)1 (HA2)6 (HA2)11 (HA2)16 (HA2)21 (HA2)26 (HA2)31 (HA2)36 (HA2)41 (HA2)46 (HA2)51 (HA2)56  
V K Q N T L K L A T G M R N V P E K Q T R G I F G A I A G F I E N G W E G M V D G W Y G F R H Q N S E G R G Q A A D L K S T Q A A I D Q I N G K L N R L I G K T N

A2)61 (HA2)66 (HA2)71 (HA2)76 (HA2)81 (HA2)86 (HA2)91 (HA2)96 (HA2)101 (HA2)106 (HA2)111 (HA2)116 (HA2)121 (HA2)126 (HA2)131 (HA2)136 (HA2)141  
E K F H Q I E K E F S E V E G R I Q D L E K Y V E D T K I D L W S Y N A E L L V A L E N Q H T I D L T D S E M N K L F E K T K K Q L R E N A E D M G N G C F K I Y

(HA2)146 (HA2)151 (HA2)156 (HA2)161 (HA2)166 (HA2)171 (HA2)176 (HA2)181 (HA2)186 (HA2)191 (HA2)196 (HA2)201 (HA2)206 (HA2)211 (HA2)216 (HA2)221  
H K C D N A C I G S I R N G T Y D H D V Y R D E A L N N R F Q I K G V E L K S G Y K D W I L W I S F A I S C F L L C V A L L G F I M W A C Q K G N I R C N I C I