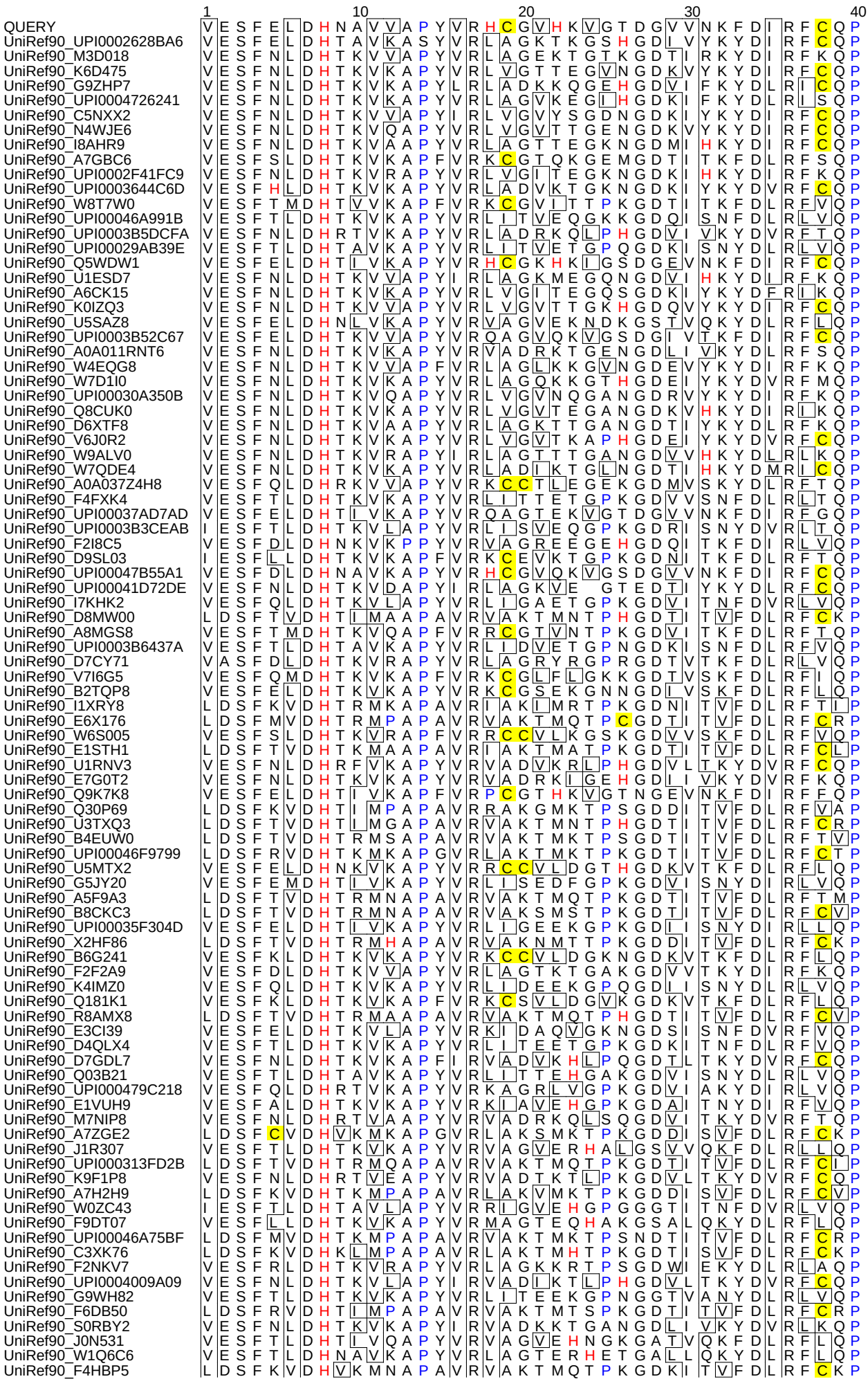
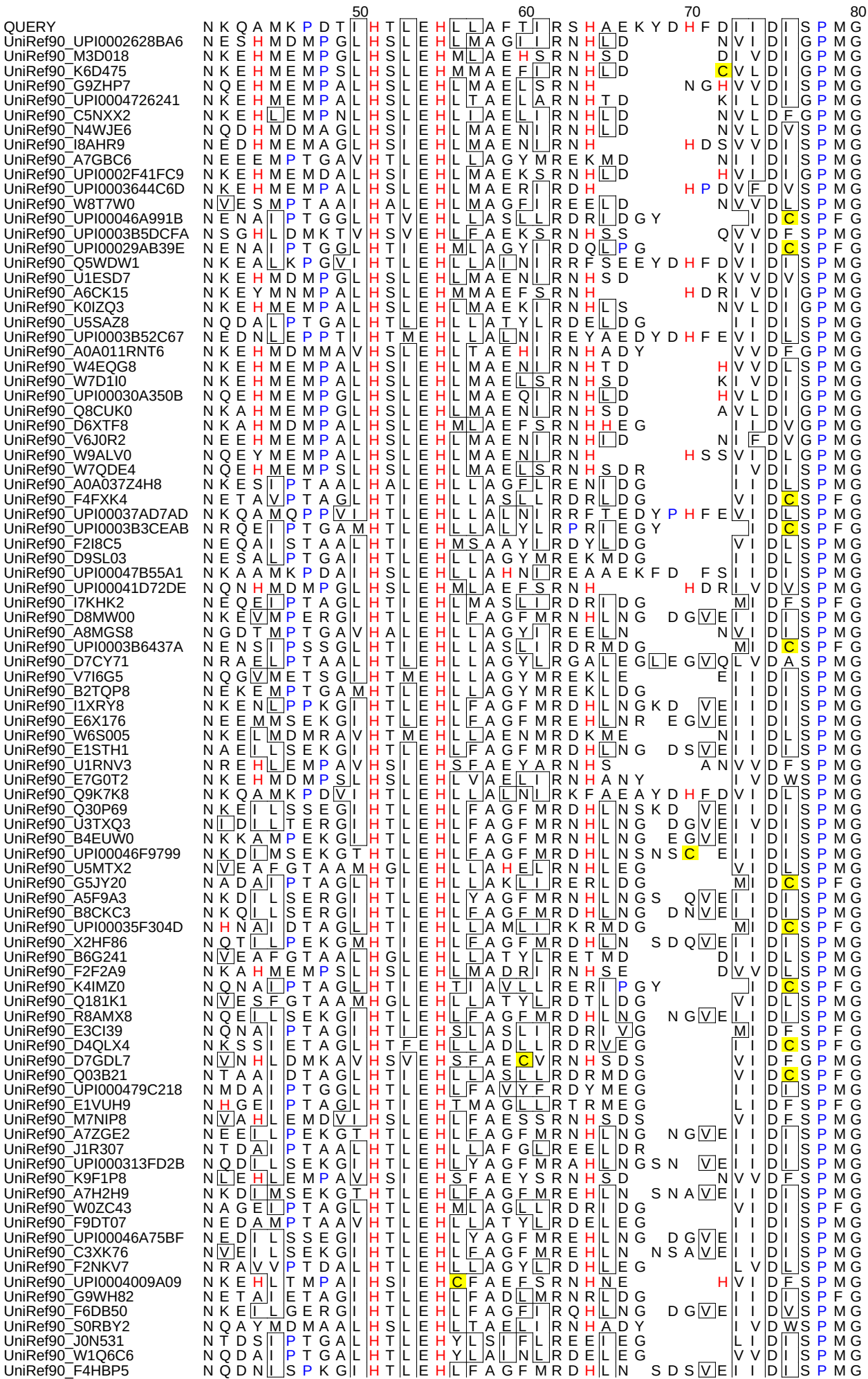
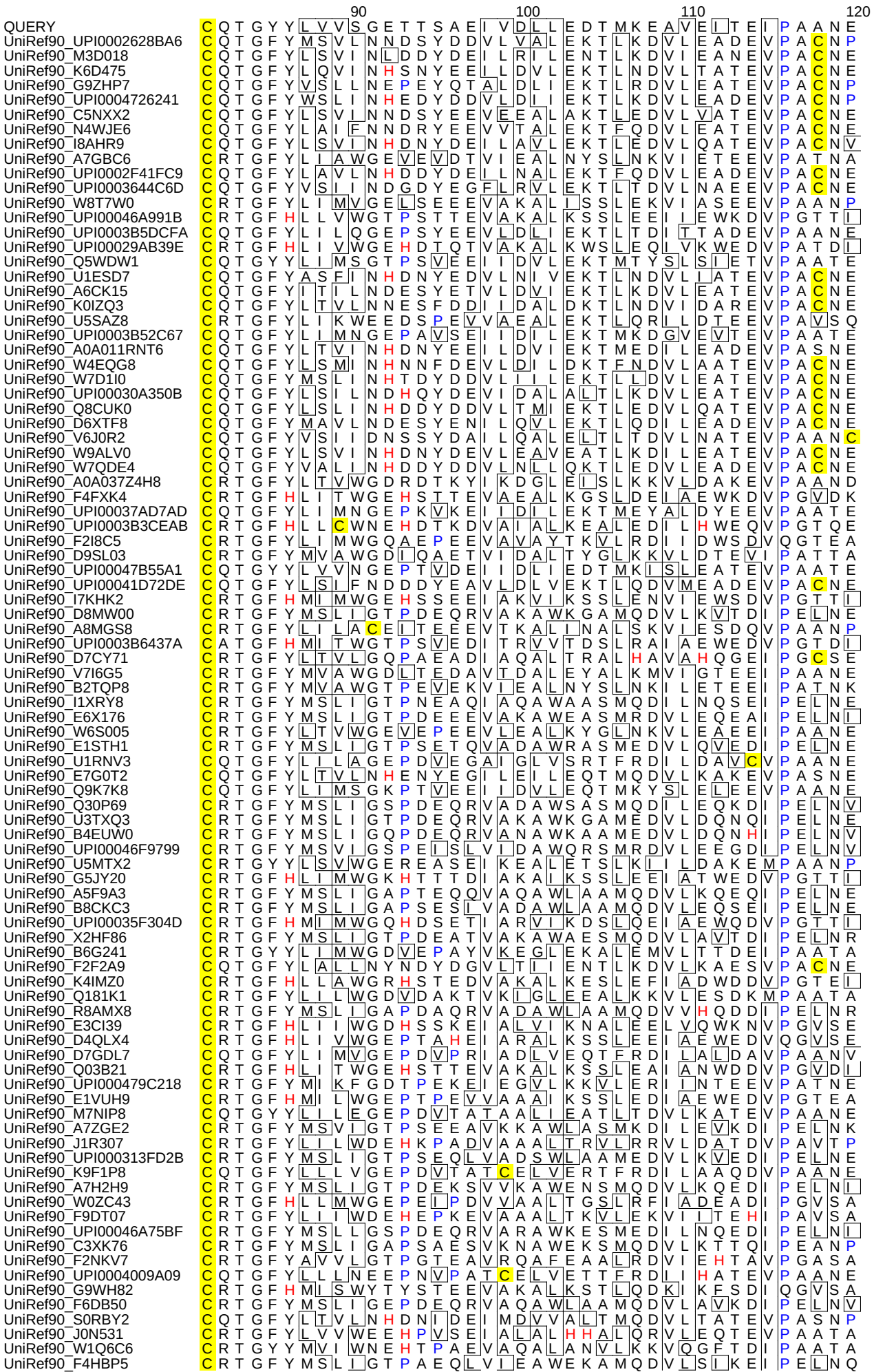
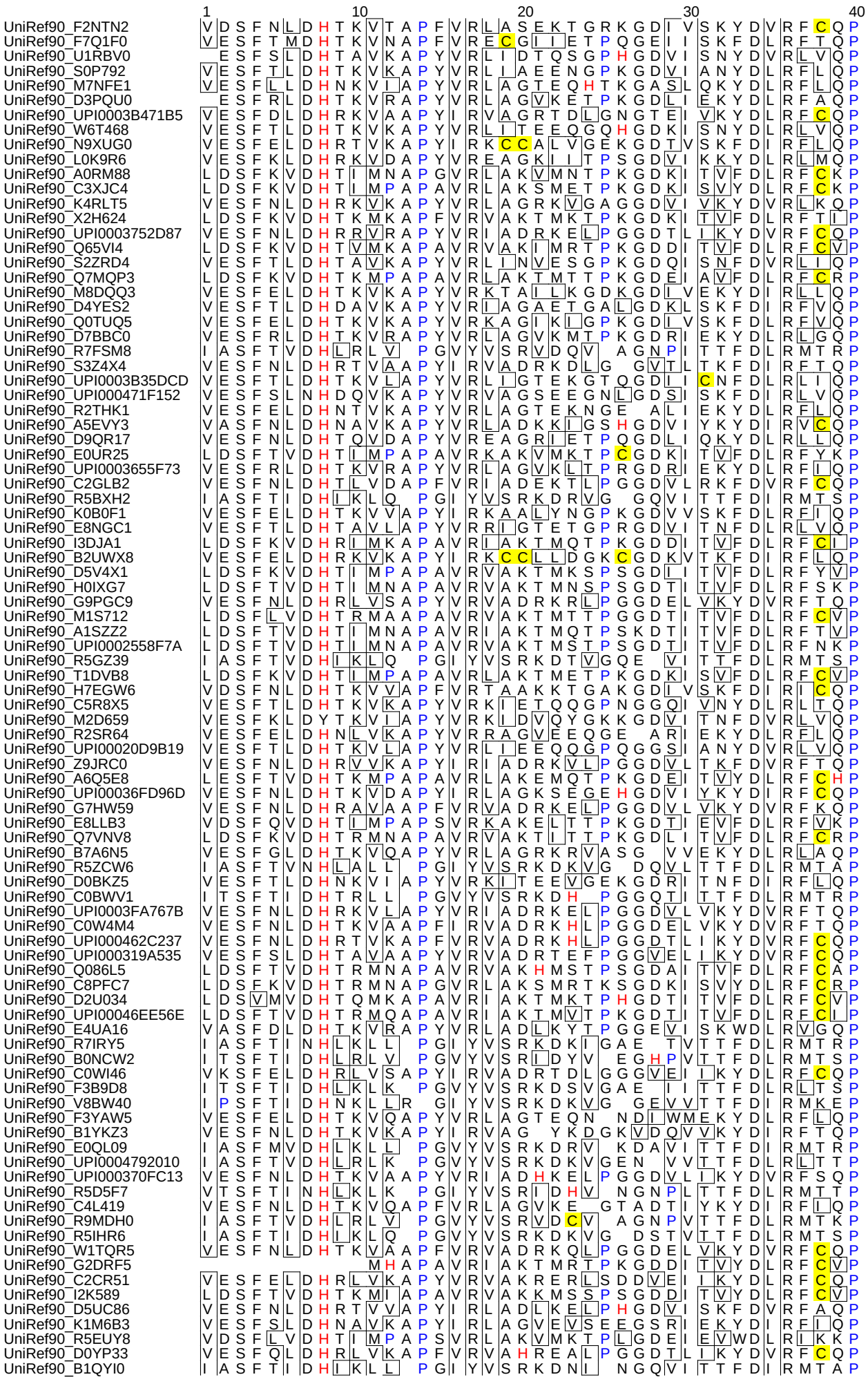
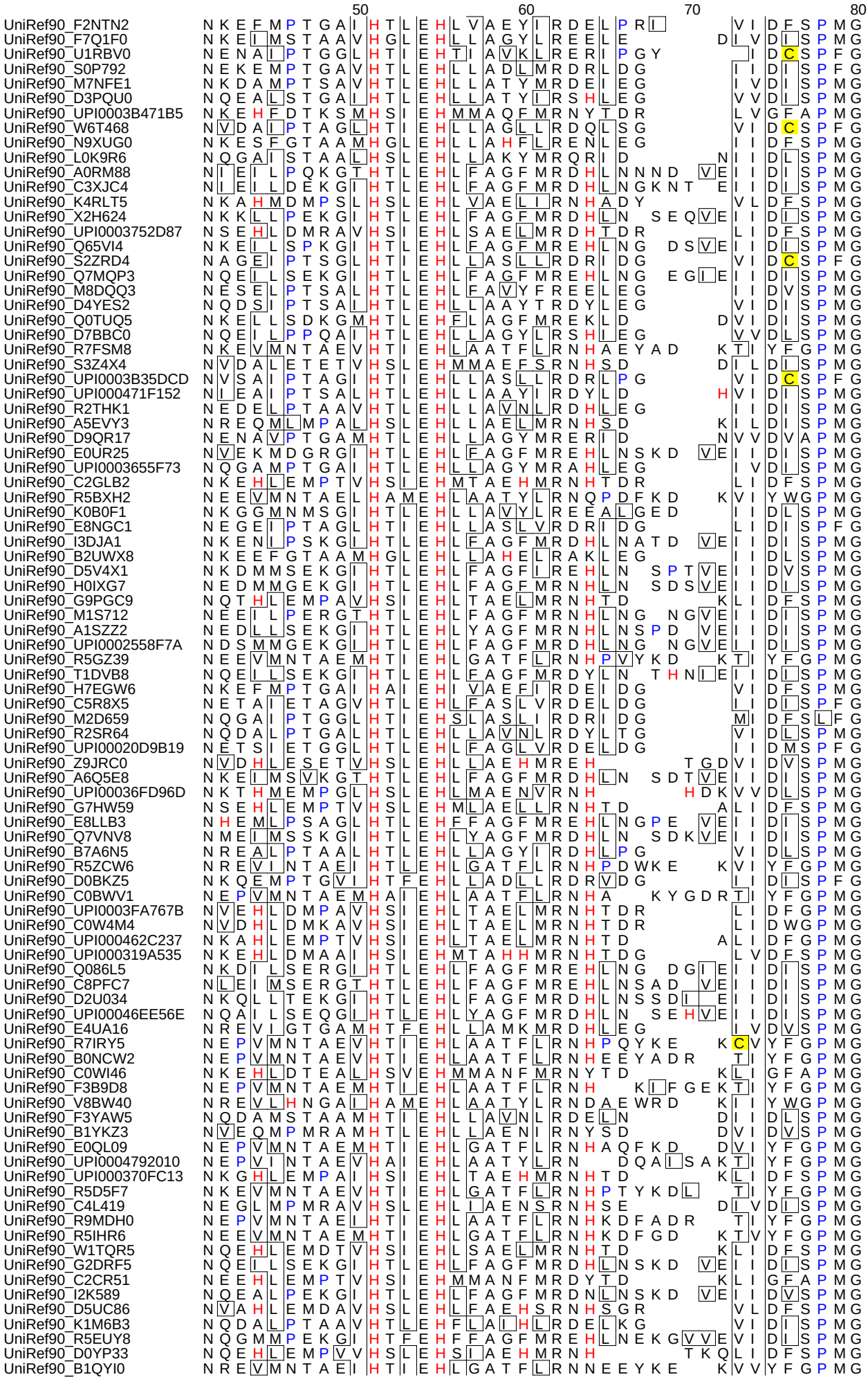

1 10 20 30 40
QUERY V E S F E L D H N A V V A P Y V R H C G V H K V G T D G V V N K F D I R F C Q P
UniRef90_UPI0002628BA6 V E S F E L D H T A V K A S Y V R L A G K T K G S H G D I V Y K Y D I R F C Q P
UniRef90_M3D018 V E S F N L D H T K V V A P Y V R L A G E K T G T K G D T I R K Y D I R F K Q P
UniRef90_K6D475 V E S F N L D H T K V K A P Y V R L V G T T E G V N G D K V Y K Y D I R F C Q P
UniRef90_G9ZHP7 V E S F N L D H T K V K A P Y L R L A D K K Q G E H G D V I F K Y D L R I C Q P
UniRef90_UPI0004726241 V E S F N L D H T K V K A P Y V R L A G V K E G I H G D K I F K Y D L R I S Q P
UniRef90_C5NXX2 V E S F N L D H T K V V A P Y I R L V G V Y S G D N G D K I Y K Y D I R F C Q P
UniRef90_N4WJE6 V E S F N L D H T K V Q A P Y V R L V G V T T G E N G D K V Y K Y D I R F C Q P
UniRef90_I8AHR9 V E S F N L D H T K V V A A P Y V R L A G T T E G K N G D M I H K Y D I R F C Q P
UniRef90_A7GBC6 V E S F S L D H T K V K A P F V R K C G T Q K G E M G D T I T K F D L R F S Q P
UniRef90_UPI0002F41FC9 V E S F N L D H T K V R A P Y V R L V G I T E G K N G D K I H K Y D I R F K Q P
UniRef90_UPI0003644C6D V E S F H L D H T K V K A P Y V R L A D V K T G K N G D K I Y K Y D V R F C Q P
UniRef90_W8T7W0 V E S F T M D H T V V K A P F V R K C G V I T T P K G D T I T K F D L R F V Q P
UniRef90_UPI00046A991B V E S F T L D H T K V K A P Y V R L I T V E Q G K K G D Q I S N F D L R L V Q P
UniRef90_UPI0003B5DCFA V E S F N L D H R T V K A P Y V R L A D R K Q L P H G D V I V K Y D V R F T Q P
UniRef90_UPI00029AB39E V E S F T L D H T A V K A P Y V R L I T V E T G P Q G D K I S N Y D L R L V Q P
UniRef90_Q5WDW1 V E S F E L D H T I V K A P Y V R H C G K H K I G S D G E V N K F D I R F C Q P
UniRef90_U1ESD7 V E S F N L D H T K V V A P Y I R L A G K M E G Q N G D V I H K Y D I R F K Q P
UniRef90_A6CK15 V E S F N L D H T K V K A P Y V R L V G I T E G Q S G D K I Y K Y D F R I K Q P
UniRef90_K0IZQ3 V E S F N L D H T K V V A P Y V R L V G V T T G K H G D Q V Y K Y D I R F C Q P
UniRef90_U5SAZ8 V E S F E L D H N L V K A P Y V R V A G V E K N D K G S T V Q K Y D L R F L Q P
UniRef90_UPI0003B52C67 V E S F E L D H T K V V A P Y V R Q A G V Q K V G S D G I V T K F D I R F C Q P
UniRef90_A0A011RNT6 V E S F N L D H T K V K A P Y V R V A D R K T G E N G D L I V K Y D L R F S Q P
UniRef90_W4EQG8 V E S F N L D H T K V V A P F V R L A G L K K G V N G D E V Y K Y D I R F K Q P
UniRef90_W7D1I0 V E S F N L D H T K V K A P Y V R L A G Q K K G T H G D E I Y K Y D V R F M Q P
UniRef90_UPI00030A350B V E S F N L D H T K V Q A P Y V R L V G V N Q G A N G D R V Y K Y D I R F K Q P
UniRef90_Q8CUK0 V E S F N L D H T K V K A P Y V R L V G V T E G A N G D K V H K Y D I R I K Q P
UniRef90_D6XTF8 V E S F N L D H T K V A A P Y V R L A G K T T G A N G D T I Y K Y D L R F K Q P
UniRef90_V6J0R2 V E S F N L D H T K V K A P Y V R L V G V T K A P H G D E I Y K Y D V R F C Q P
UniRef90_W9ALV0 V E S F N L D H T K V R A P Y I R L A G T T T G A N G D V V H K Y D L R L K Q P
UniRef90_W7QDE4 V E S F N L D H T K V K A P Y V R L A D I K T G L N G D T I H K Y D M R I C Q P
UniRef90_A0A037Z4H8 V E S F Q L D H R K V V A P Y V R K C C T L E G E K G D M V S K Y D L R F T Q P
UniRef90_F4FXK4 V E S F T L D H T K V K A P Y V R L I T T E T G P K G D V V S N F D L R L T Q P
UniRef90_UPI00037AD7AD V E S F E L D H T I V K A P Y V R Q A G T E K V G T D G V V N K F D I R F G Q P
UniRef90_UPI0003B3CEAB I E S F T L D H T K V L A P Y V R L I S V E Q G P K G D R I S N Y D V R L T Q P
UniRef90_F2I8C5 V E S F D L D H N K V K P P Y V R V A G R E E G E H G D Q I T K F D I R L V Q P
UniRef90_D9SL03 I E S F L L D H T K V K A P F V R K C E V K T G P K G D N I T K F D L R F T Q P
UniRef90_UPI00047B55A1 V E S F D L D H N A V K A P Y V R H C G V Q K V G S D G V V N K F D I R F C Q P
UniRef90_UPI00041D72DE V E S F N L D H T K V D A P Y I R L A G K V E G T E D T I Y K Y D L R F C Q P
UniRef90_I7KHK2 V E S F Q L D H T K V L A P Y V R L I G A E T G P K G D V I T N F D V R L V Q P
UniRef90_D8MW00 L D S F T V D H T I M A A P A V R V A K T M N T P H G D T I T V F D L R F C K P
UniRef90_A8MGS8 V E S F T M D H T K V Q A P F V R R C G T V N T P K G D V I T K F D L R F T Q P
UniRef90_UPI0003B6437A V E S F T L D H T A V K A P Y V R L I D V E T G P N G D K I S N F D L R F V Q P
UniRef90_D7CY71 V A S F D L D H T K V R A P Y V R L A G R Y R G P R G D T V T K F D L R L V Q P
UniRef90_V7I6G5 V E S F Q M D H T K V K A P F V R K C G L F L G K K G D T V S K F D L R F I Q P
UniRef90_B2TQP8 V E S F E L D H T K V K A P Y V R K C G S E K G N N G D I V S K F D L R F L Q P
UniRef90_I1XRY8 L D S F K V D H T R M K A P A V R I A K I M R T P K G D N I T V F D L R F T I P
UniRef90_E6X176 L D S F M V D H T R M P A P A V R V A K T M Q T P C G D T I T V F D L R F C R P
UniRef90_W6S005 V E S F S L D H T K V R A P F V R R C C V L K G S K G D V V S K F D L R F V Q P
UniRef90_E1STH1 L D S F T V D H T K M A A P A V R I A K T M A T P K G D T I T V F D L R F C L P
UniRef90_U1RNV3 V E S F N L D H R F V K A P Y V R V A D V K R L P H G D V L T K Y D V R F C Q P
UniRef90_E7G0T2 V E S F N L D H T K V K A P Y V R V A D R K I G E H G D I I V K Y D V R F K Q P
UniRef90_Q9K7K8 V E S F E L D H T I V K A P F V R P C G T H K V G T N G E V N K F D I R F F Q P
UniRef90_Q30P69 L D S F K V D H T I M P A P A V R R A K G M K T P S G D D I T V F D L R F V A P
UniRef90_U3TXQ3 L D S F T V D H T I M G A P A V R V A K T M N T P H G D T I T V F D L R F C R P
UniRef90_B4EUW0 L D S F T V D H T R M S A P A V R V A K T M K T P S G D T I T V F D L R F T V P
UniRef90_UPI00046F9799 L D S F R V D H T K M K A P G V R L A K T M K T P K G D T I T V F D L R F C T P
UniRef90_U5MTX2 V E S F E L D H N K V K A P Y V R R C C V L D G T H G D K V T K F D L R F L Q P
UniRef90_G5JY20 V E S F E M D H T I V K A P Y V R L I S E D F G P K G D V I S N Y D I R L V Q P
UniRef90_A5F9A3 L D S F T V D H T R M N A P A V R V A K T M Q T P K G D T I T V F D L R F T M P
UniRef90_B8CKC3 L D S F T V D H T R M N A P A V R V A K S M S T P K G D T I T V F D L R F C V P
UniRef90_UPI00035F304D V E S F E L D H T I V K A P Y V R L I G E E K G P K G D I I S N Y D I R L L Q P
UniRef90_X2HF86 L D S F T V D H T R M H A P A V R V A K N M T T P K G D D I T V F D L R F C K P
UniRef90_B6G241 V E S F K L D H T K V K A P Y V R K C C V L D G K N G D K V T K F D L R F L Q P
UniRef90_F2F2A9 V E S F D L D H T K V V A P Y V R L A G T K T G A K G D V V T K Y D I R F K Q P
UniRef90_K4IMZ0 V E S F Q L D H T K V K A P Y V R L I D E E K G P Q G D I I S N Y D L R L V Q P
UniRef90_Q181K1 V E S F K L D H T K V K A P F V R K C S V L D G V K G D K V T K F D L R F L Q P
UniRef90_R8AMX8 L D S F T V D H T R M A A P A V R V A K T M Q T P H G D T I T V F D L R F C V P
UniRef90_E3CI39 V E S F E L D H T K V L A P Y V R K I D A Q V G K N G D S I S N F D V R F V Q P
UniRef90_D4QLX4 V E S F T L D H T K V K A P Y V R L I T E E T G P K G D K I T N F D L R F V Q P
UniRef90_D7GDL7 V E S F N L D H T K V K A P F I R V A D V K H L P Q G D T L T K Y D V R F C Q P
UniRef90_Q03B21 V E S F T L D H T A V K A P Y V R L I T T E H G A K G D V I S N Y D L R L V Q P
UniRef90_UPI000479C218 V E S F Q L D H R T V K A P Y V R K A G R L V G P K G D V I A K Y D I R L V Q P
UniRef90_E1VUH9 V E S F A L D H T K V K A P Y V R K I A V E H G P K G D A I T N Y D I R F V Q P
UniRef90_M7NIP8 V E S F N L D H R T V A A P Y V R V A D R K Q L S Q G D V I T K Y D V R F T Q P
UniRef90_A7ZGE2 L D S F C V D H V K M K A P G V R L A K S M K T P K G D D I S V F D L R F C K P
UniRef90_J1R307 V E S F T L D H T K V K A P Y V R V A G V E R H A L G S V V Q K F D L R L L Q P
UniRef90_UPI000313FD2B L D S F T V D H T R M Q A P A V R V A K T M Q T P K G D T I T V F D L R F C I P
UniRef90_K9F1P8 V E S F N L D H R T V E A P Y V R V A D T K T L P K G D V L T K Y D V R F C Q P
UniRef90_A7H2H9 L D S F K V D H T K M P A P A V R L A K V M K T P K G D D I S V F D L R F C V P
UniRef90_W0ZC43 I E S F T L D H T A V L A P Y V R R I G V E H G P G G G T I T N F D V R L V Q P
UniRef90_F9DT07 V E S F L L D H T K V K A P Y V R M A G T E Q H A K G S A L Q K Y D L R F L Q P
UniRef90_UPI00046A75BF L D S F M V D H T K M P A P A V R V A K T M K T P S N D T I T V F D L R F C R P
UniRef90_C3XK76 L D S F K V D H K L M P A P A V R L A K T M H T P K G D T I S V F D L R F C K P
UniRef90_F2NKV7 V E S F R L D H T K V R A P Y V R L A G K K R T P S G D W I E K Y D L R L A Q P
UniRef90_UPI0004009A09 V E S F N L D H T K V L A P Y I R V A D I K T L P H G D V L T K Y D V R F C Q P
UniRef90_G9WH82 V E S F T L D H T K V K A P Y V R L I T E E K G P N G G T V A N Y D L R L V Q P
UniRef90_F6DB50 L D S F R V D H T I M P A P A V R V A K T M T S P K G D T I T V F D L R F C R P
UniRef90_S0RBY2 V E S F N L D H T K V K A P Y I R V A D K K T G A N G D L I V K Y D V R L K Q P
UniRef90_J0N531 V E S F T L D H T I V Q A P Y V R V A G V E H N G K G A T V Q K F D L R F L Q P
UniRef90_W1Q6C6 V E S F T L D H N A V K A P Y V R L A G T E R H E T G A L L Q K Y D L R F L Q P
UniRef90_F4HBP5 L D S F K V D H V K M N A P A V R V A K T M Q T P K G D K I T V F D L R F C K P

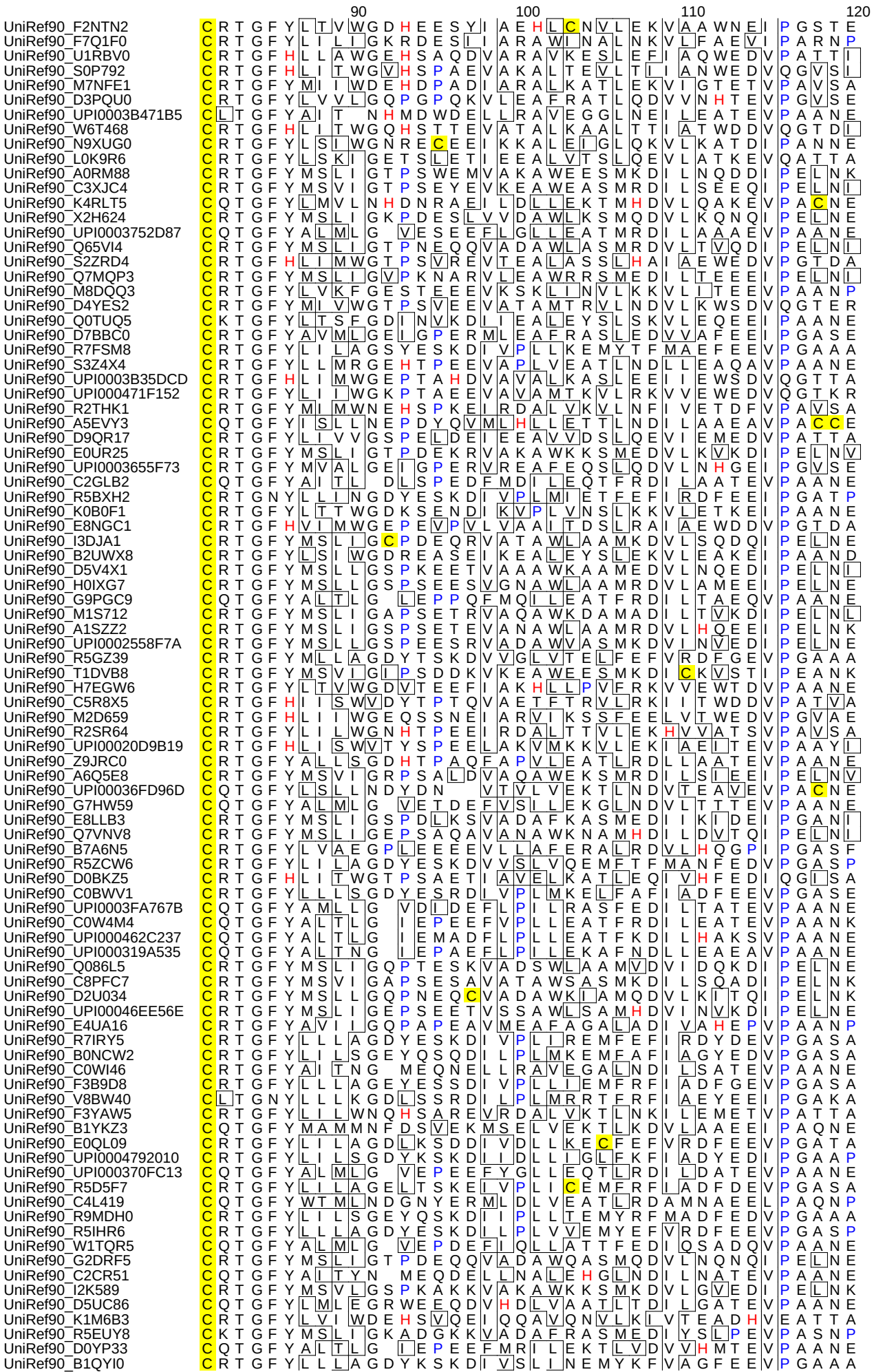

50
60
70
80
QUERY
UniRef90_UPI0002628BA6
UniRef90_M3D018
UniRef90_K6D475
UniRef90_G9ZHP7
UniRef90_UPI0004726241
UniRef90_C5NXX2
UniRef90_N4WJE6
UniRef90_I8AHR9
UniRef90_A7GBC6
UniRef90_UPI0002F41FC9
UniRef90_UPI0003644C6D
UniRef90_W8T7W0
UniRef90_UPI00046A991B
UniRef90_UPI0003B5DCFA
UniRef90_UPI00029AB39E
UniRef90_Q5WDW1
UniRef90_U1ESD7
UniRef90_A6CK15
UniRef90_K0IZQ3
UniRef90_U5SAZ8
UniRef90_UPI0003B52C67
UniRef90_A0A011RNT6
UniRef90_W4EQG8
UniRef90_W7D1I0
UniRef90_UPI00030A350B
UniRef90_Q8CUK0
UniRef90_D6XTF8
UniRef90_V6J0R2
UniRef90_W9ALV0
UniRef90_W7QDE4
UniRef90_A0A037Z4H8
UniRef90_F4FXK4
UniRef90_UPI00037AD7AD
UniRef90_UPI0003B3CEAB
UniRef90_F2I8C5
UniRef90_D9SL03
UniRef90_UPI00047B55A1
UniRef90_UPI00041D72DE
UniRef90_I7KHK2
UniRef90_D8MW00
UniRef90_A8MGS8
UniRef90_UPI0003B6437A
UniRef90_D7CY71
UniRef90_V7I6G5
UniRef90_B2TQP8
UniRef90_I1XRY8
UniRef90_E6X176
UniRef90_W6S005
UniRef90_E1STH1
UniRef90_U1RNV3
UniRef90_E7G0T2
UniRef90_Q9K7K8
UniRef90_Q30P69
UniRef90_U3TXQ3
UniRef90_B4EUW0
UniRef90_UPI00046F9799
UniRef90_U5MTX2
UniRef90_G5JY20
UniRef90_A5F9A3
UniRef90_B8CKC3
UniRef90_UPI00035F304D
UniRef90_X2HF86
UniRef90_B6G241
UniRef90_F2F2A9
UniRef90_K4IMZ0
UniRef90_Q181K1
UniRef90_R8AMX8
UniRef90_E3CI39
UniRef90_D4QLX4
UniRef90_D7GDL7
UniRef90_Q03B21
UniRef90_UPI000479C218
UniRef90_E1VUH9
UniRef90_M7NIP8
UniRef90_A7ZGE2
UniRef90_J1R307
UniRef90_UPI000313FD2B
UniRef90_K9F1P8
UniRef90_A7H2H9
UniRef90_W0ZC43
UniRef90_F9DT07
UniRef90_UPI00046A75BF
UniRef90_C3XK76
UniRef90_F2NKV7
UniRef90_UPI0004009A09
UniRef90_G9WH82
UniRef90_F6DB50
UniRef90_S0RBY2
UniRef90_J0N531
UniRef90_W1Q6C6
UniRef90_F4HBP5

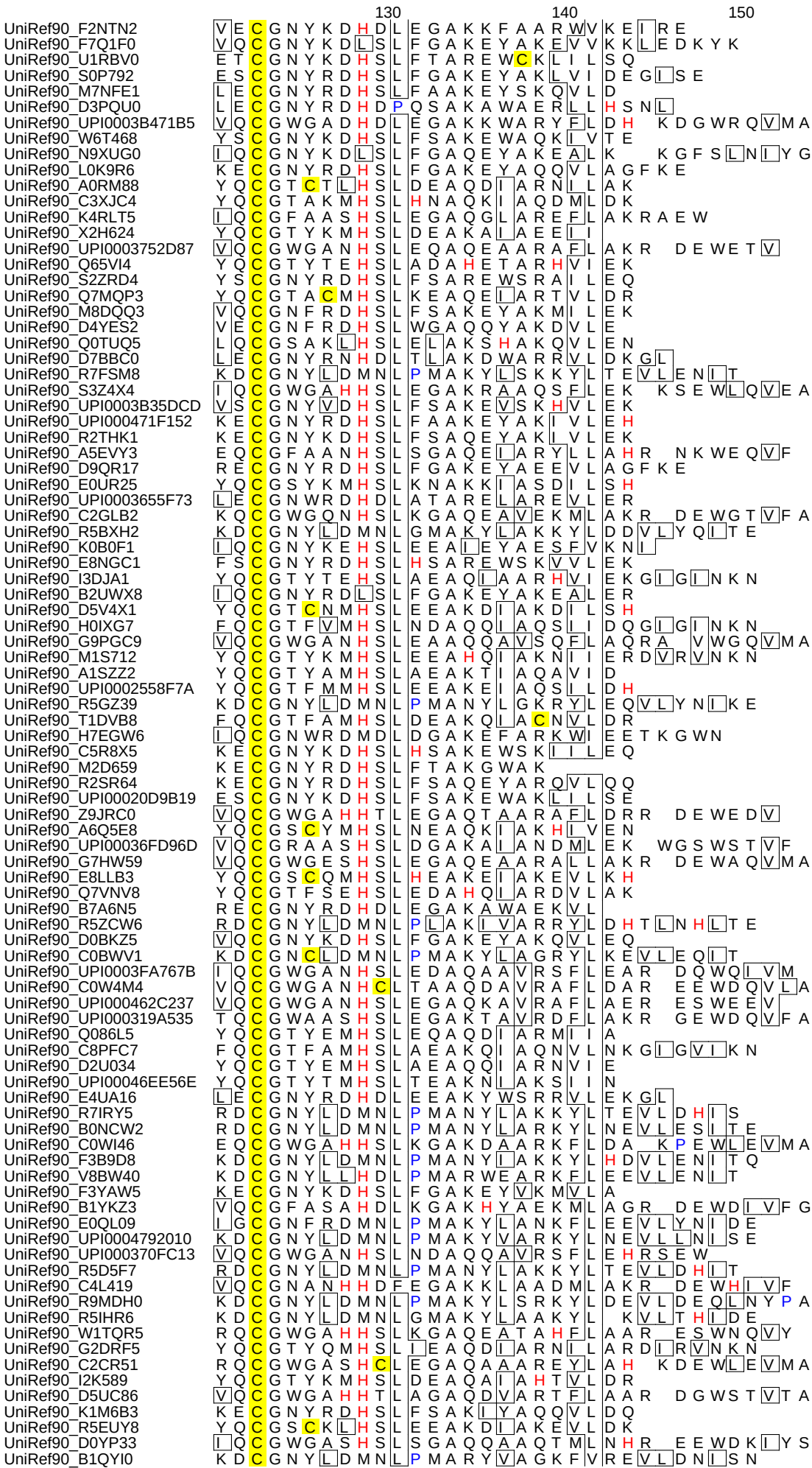

90
100
110
120
QUERY
UniRef90_UPI0002628BA6
UniRef90_M3D018
UniRef90_K6D475
UniRef90_G9ZHP7
UniRef90_UPI0004726241
UniRef90_C5NXX2
UniRef90_N4WJE6
UniRef90_I8AHR9
UniRef90_A7GBC6
UniRef90_UPI0002F41FC9
UniRef90_UPI0003644C6D
UniRef90_W8T7W0
UniRef90_UPI00046A991B
UniRef90_UPI0003B5DCFA
UniRef90_UPI00029AB39E
UniRef90_Q5WDW1
UniRef90_U1ESD7
UniRef90_A6CK15
UniRef90_K0IZQ3
UniRef90_U5SAZ8
UniRef90_UPI0003B52C67
UniRef90_A0A011RNT6
UniRef90_W4EQG8
UniRef90_W7D1I0
UniRef90_UPI00030A350B
UniRef90_Q8CUK0
UniRef90_D6XTF8
UniRef90_V6J0R2
UniRef90_W9ALV0
UniRef90_W7QDE4
UniRef90_A0A037Z4H8
UniRef90_F4FXK4
UniRef90_UPI00037AD7AD
UniRef90_UPI0003B3CEAB
UniRef90_F2I8C5
UniRef90_D9SL03
UniRef90_UPI00047B55A1
UniRef90_UPI00041D72DE
UniRef90_I7KHK2
UniRef90_D8MW00
UniRef90_A8MGS8
UniRef90_UPI0003B6437A
UniRef90_D7CY71
UniRef90_V7I6G5
UniRef90_B2TQP8
UniRef90_I1XRY8
UniRef90_E6X176
UniRef90_W6S005
UniRef90_E1STH1
UniRef90_U1RNV3
UniRef90_E7G0T2
UniRef90_Q9K7K8
UniRef90_Q30P69
UniRef90_U3TXQ3
UniRef90_B4EUW0
UniRef90_UPI00046F9799
UniRef90_U5MTX2
UniRef90_G5JY20
UniRef90_A5F9A3
UniRef90_B8CKC3
UniRef90_UPI00035F304D
UniRef90_X2HF86
UniRef90_B6G241
UniRef90_F2F2A9
UniRef90_K4IMZ0
UniRef90_Q181K1
UniRef90_R8AMX8
UniRef90_E3CI39
UniRef90_D4QLX4
UniRef90_D7GDL7
UniRef90_Q03B21
UniRef90_UPI000479C218
UniRef90_E1VUH9
UniRef90_M7NIP8
UniRef90_A7ZGE2
UniRef90_J1R307
UniRef90_UPI000313FD2B
UniRef90_K9F1P8
UniRef90_A7H2H9
UniRef90_W0ZC43
UniRef90_F9DT07
UniRef90_UPI00046A75BF
UniRef90_C3XK76
UniRef90_F2NKV7
UniRef90_UPI0004009A09
UniRef90_G9WH82
UniRef90_F6DB50
UniRef90_S0RBY2
UniRef90_J0N531
UniRef90_W1Q6C6
UniRef90_F4HBP5

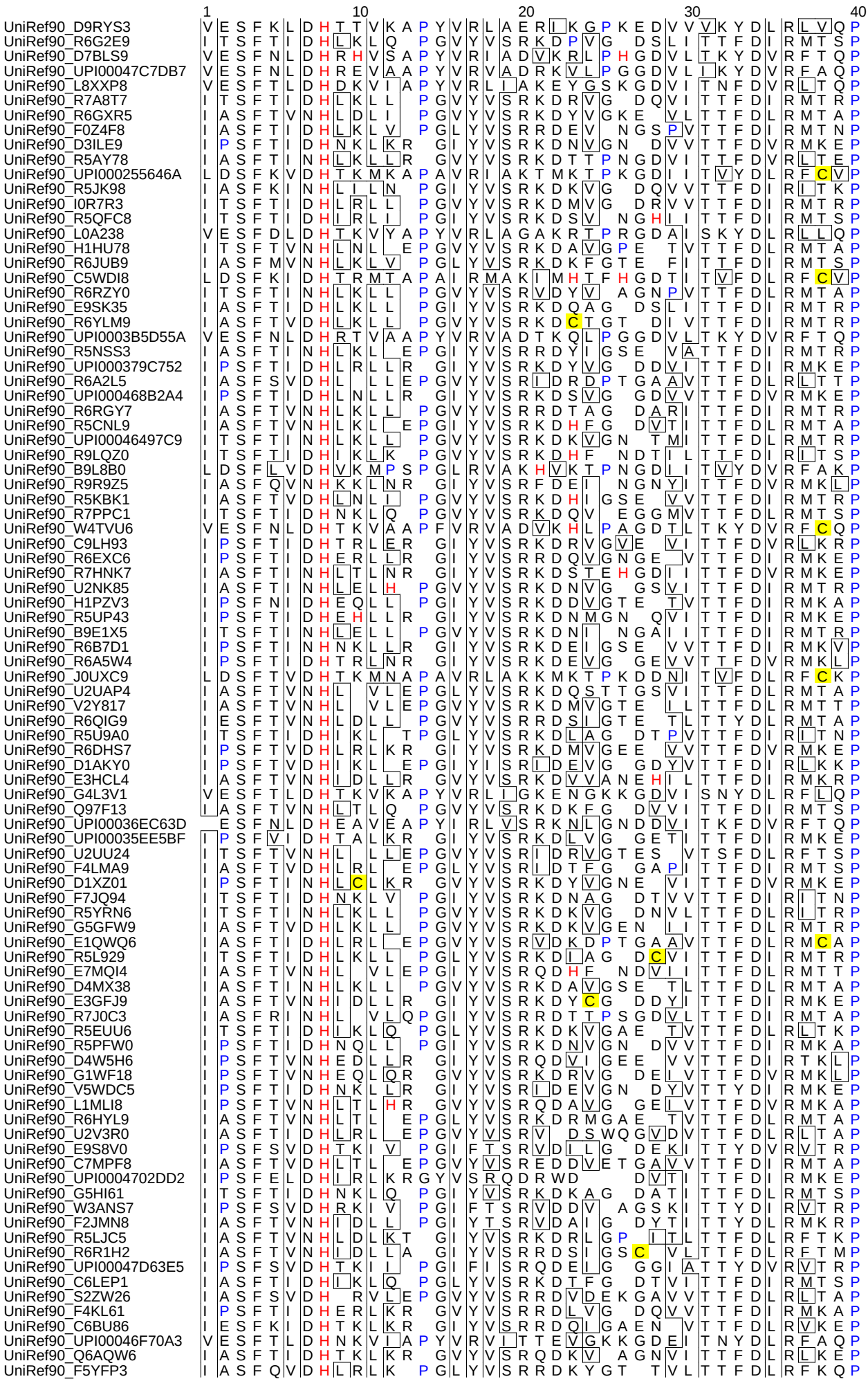
130
140
150
QUERY K Q C G Q A K L H D L E G A K R L M R F W L S Q D K E E L L K V F G
UniRef90_UPI0002628BA6 K Q C G W A A N H S L E G A K E I A S W M L D G K E E W S Q V F A
UniRef90_M3D018 V Q C G W A A S H S L E G A K E L A R E M L A K K E Q W T Q V F A
UniRef90_K6D475 I Q C G W A A S H S L E G A K E V A K N M L A H K E E W T E V F A
UniRef90_G9ZHP7 V Q C G W A A S H S L E G A K E L A R K L L D K R S E W E T I F A
UniRef90_UPI0004726241 T Q C G W A A S H S L E G A K E L A R D L L A K R D E W D Q V F A
UniRef90_C5NXX2 V Q C G W A A S H S L E G A Q I E A K K F L E K R S E W K N V F S
UniRef90_N4WJE6 V Q C G W A A N H S L E G A K S I A S N M L D G K D E W H I V F A
UniRef90_I8AHR9 V Q C G W A A N H S L E G A K E I A K A M L A K K D E W H K V F A
UniRef90_A7GBC6 V Q C G N Y R D H S L F S A K E Y A K H V L N Q G I S N E V F
UniRef90_UPI0002F41FC9 V Q C G W A A N H S L E G A K Q L A Q E I L D R K D E W K D V F G
UniRef90_UPI0003644C6D I Q C G N A A S H S L E G A K K L A K K M L D H R D E W T Q V F A
UniRef90_W8T7W0 V Q C G N Y K D M S L F G A K E Y A K E V L P K L V E K Y K
UniRef90_UPI00046A991B K T C G N Y R D H S L F S A K E W C K K I L N E
UniRef90_UPI0003B5DCFA V Q C G W G A N H S L E G A Q Q A A A G F L A K R D E W A Q V T A
UniRef90_UPI00029AB39E K S C G N Y R D H S L F S A Q E W C K K I L A E
UniRef90_Q5WDW1 K E C G Q A A L H D L E G T K E V M R K W L S E D K G S L K Q V F
UniRef90_U1ESD7 V Q C G W A A S H S L E G A K T I A Q T F L N E R H Q W H N I Y S
UniRef90_A6CK15 V Q C G F A A S H S F E G A K E L A R D M L A K K D E W T E V F A
UniRef90_K0IZQ3 I Q C G W A A S H S L E G A Q E I A R N M L A K K D S W P N V F S
UniRef90_U5SAZ8 I S C G N Y K D H S L F S A K E Y A K N V L E K G L
UniRef90_UPI0003B52C67 L Q C G Q A K L H D L E G A K Q V F R N W L N Q D K A S L E R V F
UniRef90_A0A011RNT6 K Q C G W A A S H T L E G A K E V A E R F L S Q R D E W T T I F A
UniRef90_W4EQG8 V Q C G W A A S H S L E G A K E L A K E M L A K R D E W T Q I F
UniRef90_W7D1I0 V Q C G W A A S H S L E G A Q E L A R N F L A K
UniRef90_UPI00030A350B V Q C G W A A N H S L N G A K T I A K D M L N K H D Q W R V V F A
UniRef90_Q8CUK0 V Q C G W A A N H S L L G A Q E I A K E M L N E K A S W S E V F
UniRef90_D6XTF8 L Q C G W A A S H S L E G A Q S L A K E M L N M K K E W P V I F A
UniRef90_V6J0R2 Y Q C G W A A S H D L V G A K K I A E K M L A H K A E W K E I Y A
UniRef90_W9ALV0 V Q C G W A A S H S L E G A K A L A E D F L A K R S E W A F V F G
UniRef90_W7QDE4 M Q C G W A A S H S L E G A K Q V A R G F L A K R G E W
UniRef90_A0A037Z4H8 V Q C G N Y K D L S L F G A K E Y A K I V L D K G F N L N I Y G
UniRef90_F4FXK4 Y S C G N Y R D H S L F S A K E W S K K I L A E G I S N
UniRef90_UPI00037AD7AD E Q C G Q A K L H D L N G A K K W M K Y W L S Q D K K S L H D V F
UniRef90_UPI0003B3CEAB K E C G N Y K D H S L V G A K E W A K E I L K Q
UniRef90_F2I8C5 V S C G N Y R D H S L F G A Q E W A K K I L D Q
UniRef90_D9SL03 V E C G N Y R D H S L F A A K E Y A K L V L E K
UniRef90_UPI00047B55A1 R Q C G Q A K L H N L E A A K E L M R E W L K N N K E E L K Q V F A
UniRef90_UPI00041D72DE L Q C G W A A S H S L E G A K A I A S D M L S H R Q E W T K V F
UniRef90_I7KHK2 E S C G N Y R D H S L W T A K E W A A L I L E R
UniRef90_D8MW00 Y Q C G T F E M H S L D E A Q D I A R H I I D N D I R V N H N
UniRef90_A8MGS8 I Q C G N Y K D L S L F G A Q E Y A R Q V L T Q L N E
UniRef90_UPI0003B6437A Y S C G N Y R D H S L F S A K E W A A K V L E E
UniRef90_D7CY71 R A C G N Y R D H S L P G A Q A W A R S I L E N D I
UniRef90_V7I6G5 L Q C G N Y R D H S L E L A K V Y A R E V L D K G L
UniRef90_B2TQP8 F Q C G N Y R D H S L F A G K E Y I K L I L K E
UniRef90_I1XRY8 Y Q C G T Y T E H S L E E A H Q I A Q N V L D R G I G V N K N
UniRef90_E6X176 Y Q C G S C K M H S L D E A K E I A R R V L D R
UniRef90_W6S005 V Q C G S Y K E H S L E G A K E L S R K V L D
UniRef90_E1STH1 Y Q C G T Y A M H S L A E A R Q I A E G I L A R G I A V N K N
UniRef90_U1RNV3 V Q C G W G A N H S L T G A Q E A V R R M L E R E G E W
UniRef90_E7G0T2 K Q C G W A A N H T L E G A Q N L A R E F L A K R N E W
UniRef90_Q9K7K8 K Q C G Q A K L H D L D G A K K L M T Y W L S H E K D S L T K V F
UniRef90_Q30P69 Y Q C G T Y K M H S L E D A K E I A S K V L E R R I
UniRef90_U3TXQ3 Y Q C G S Y K L H S L D E A Q Q I A R N V L A H D I
UniRef90_B4EUW0 Y Q C G T Y E M H S L A E A Q D I A R D I L S H T I G I N H N
UniRef90_UPI00046F9799 Y Q C G T Y K M H S L D E A K Q I A Q N V L D N G I N A I D N
UniRef90_U5MTX2 T Q C G N Y R D L S L F G A K E Y A K K A L E K G F S L N I Y G
UniRef90_G5JY20 E S C G N Y K D H S L F S A Q E W A K L I L K Q G L S D N
UniRef90_A5F9A3 Y Q C G T A A M H S L E E A K A I A K N V I A
UniRef90_B8CKC3 Y Q C G T Y E M H S L E Q A K E I A R S I I S A G I N V N R N
UniRef90_UPI00035F304D E S C G N Y K D H S L H S A K E W A K L I L A E
UniRef90_X2HF86 Y Q C G S Y T M H S L E E A K S I A R T V L E N
UniRef90_B6G241 V E C G N Y R D L S L F G A K E Y A K K A L D E
UniRef90_F2F2A9 V Q C G W A A S H S L E G A K A L A E E F L T G R D E W H I V F G
UniRef90_K4IMZ0 T S C G N Y R D H S L F S A K Q W S R D I V A
UniRef90_Q181K1 I E C G N Y R D L S L F G A K E Y A K D V L D K G F S L N I Y G
UniRef90_R8AMX8 F Q C G T C A M H S L S E A Q Q I A R N V L S R
UniRef90_E3CI39 K Q C G N Y R D H S L F T A K E W A K K Y
UniRef90_D4QLX4 I S C G N Y R D H S L F S A K E W A S K I V S E G I S D N
UniRef90_D7GDL7 V Q C G W G A N H S L Q G A K D A V S T M L R H R A E W E Q V M A
UniRef90_Q03B21 K S C G N Y K D H S L F S A K E W A K L I L S R G I S N
UniRef90_UPI000479C218 V Q C G N Y R D H S L F T A K E Y A K E V L E K L
UniRef90_E1VUH9 V S C G N Y R D H S L H S A R E W A K V I L E Q
UniRef90_M7NIP8 I Q C G W G A N H S L A G A Q D A A R A F L A Q R E A W E Q V T A
UniRef90_A7ZGE2 F Q C G T Y K M H S L D E A H A I A S K I L A Q G L
UniRef90_J1R307 L A C G N Y R D H S L F S A R E Y A K Q V L D
UniRef90_UPI000313FD2B Y Q C G T Y S M H S L T E A Q E I A K N I I A A G I S V N K N
UniRef90_K9F1P8 T Q C G W A Q S H S L E A A Q A A V Q K M L E S R N S W E Q V
UniRef90_A7H2H9 Y Q C G S C K L H S L D E A K Q I A Q K V L N
UniRef90_W0ZC43 I E C G N F R D H S L H S A R E W A K V V L D Q
UniRef90_F9DT07 E E C G N Y R D H S L F A A K E Y A K I V L E A G L S D
UniRef90_UPI00046A75BF Y Q C G T C E M H S L E D A K Q I A N N I L S K
UniRef90_C3XK76 L Q C G T Y A M H S L D E A K Q I A Q D T L N K G I G I I D N
UniRef90_F2NKV7 L E C G N Y R D H N L K A A Q E W A R R V L D Q G L
UniRef90_UPI0004009A09 R Q C G W G E N H N L K V A Q E A I A A M L Y Q R D S W E K V M A
UniRef90_G9WH82 K T C G N Y K D H S L H S A K E W S K I I L S Q
UniRef90_F6DB50 Y Q C G T C T M H S L D E A K A I A Q A I I D Q N I G V M K N
UniRef90_S0RBY2 V Q C G W A A N H T L E G A Q D L A K E F L S K R G E W S V I F
UniRef90_J0N531 K E C G N Y K D H S L F S A K E Y A R Q V L S Q
UniRef90_W1Q6C6 K E C G N Y K D H S L W G A K E Y A R L V L E Q
UniRef90_F4HBP5 Y Q C G T Y T E H S L V E A Q A A A K K V L A Q

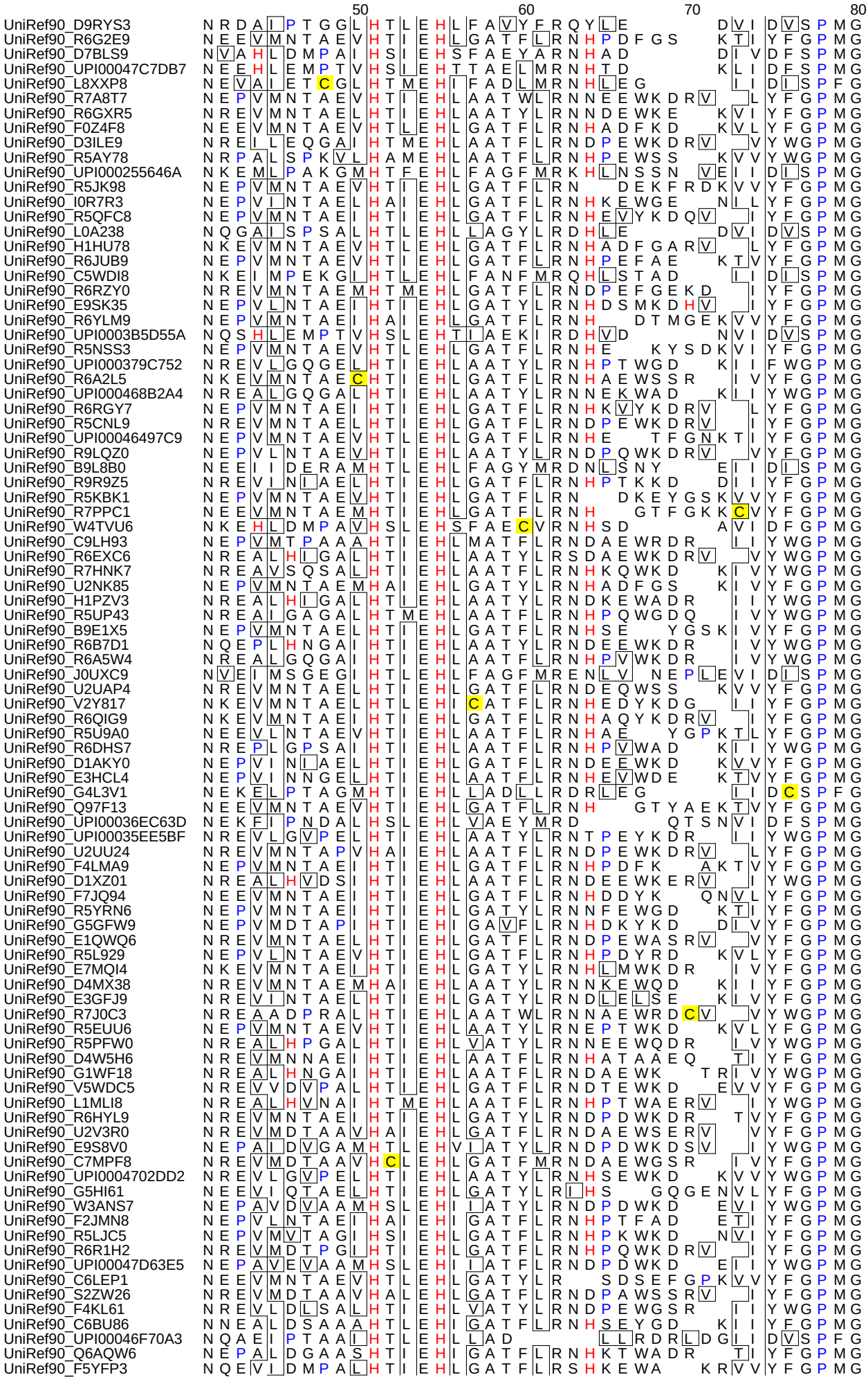

1
10
20
30
40
UniRef90_F2NTN2
UniRef90_F7Q1F0
UniRef90_U1RBV0
UniRef90_S0P792
UniRef90_M7NFE1
UniRef90_D3PQU0
UniRef90_UPI0003B471B5
UniRef90_W6T468
UniRef90_N9XUG0
UniRef90_L0K9R6
UniRef90_A0RM88
UniRef90_C3XJC4
UniRef90_K4RLT5
UniRef90_X2H624
UniRef90_UPI0003752D87
UniRef90_Q65VI4
UniRef90_S2ZRD4
UniRef90_Q7MQP3
UniRef90_M8DQQ3
UniRef90_D4YES2
UniRef90_Q0TUQ5
UniRef90_D7BBC0
UniRef90_R7FSM8
UniRef90_S3Z4X4
UniRef90_UPI0003B35DCD
UniRef90_UPI000471F152
UniRef90_R2THK1
UniRef90_A5EVY3
UniRef90_D9QR17
UniRef90_E0UR25
UniRef90_UPI0003655F73
UniRef90_C2GLB2
UniRef90_R5BXH2
UniRef90_K0B0F1
UniRef90_E8NGC1
UniRef90_I3DJA1
UniRef90_B2UWX8
UniRef90_D5V4X1
UniRef90_H0IXG7
UniRef90_G9PGC9
UniRef90_M1S712
UniRef90_A1SZZ2
UniRef90_UPI0002558F7A
UniRef90_R5GZ39
UniRef90_T1DVB8
UniRef90_H7EGW6
UniRef90_C5R8X5
UniRef90_M2D659
UniRef90_R2SR64
UniRef90_UPI00020D9B19
UniRef90_Z9JRC0
UniRef90_A6Q5E8
UniRef90_UPI00036FD96D
UniRef90_G7HW59
UniRef90_E8LLB3
UniRef90_Q7VNV8
UniRef90_B7A6N5
UniRef90_R5ZCW6
UniRef90_D0BKZ5
UniRef90_C0BWV1
UniRef90_UPI0003FA767B
UniRef90_C0W4M4
UniRef90_UPI000462C237
UniRef90_UPI000319A535
UniRef90_Q086L5
UniRef90_C8PFC7
UniRef90_D2U034
UniRef90_UPI00046EE56E
UniRef90_E4UA16
UniRef90_R7IRY5
UniRef90_B0NCW2
UniRef90_C0WI46
UniRef90_F3B9D8
UniRef90_V8BW40
UniRef90_F3YAW5
UniRef90_B1YKZ3
UniRef90_E0QL09
UniRef90_UPI0004792010
UniRef90_UPI000370FC13
UniRef90_R5D5F7
UniRef90_C4L419
UniRef90_R9MDH0
UniRef90_R5IHR6
UniRef90_W1TQR5
UniRef90_G2DRF5
UniRef90_C2CR51
UniRef90_I2K589
UniRef90_D5UC86
UniRef90_K1M6B3
UniRef90_R5EUY8
UniRef90_D0YP33
UniRef90_B1QYI0

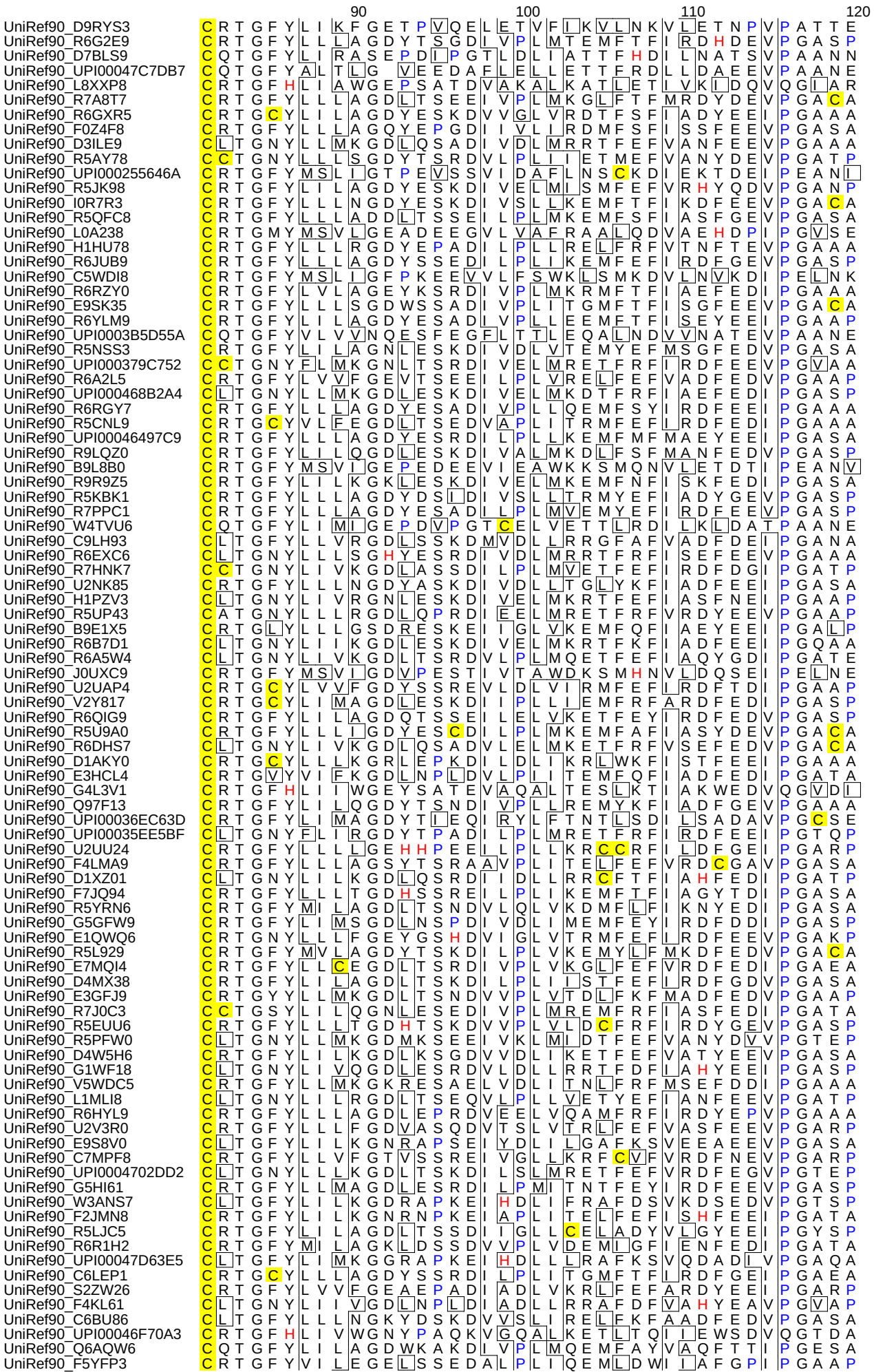

50
60
70
80
UniRef90_F2NTN2
UniRef90_F7Q1F0
UniRef90_U1RBV0
UniRef90_S0P792
UniRef90_M7NFE1
UniRef90_D3PQU0
UniRef90_UPI0003B471B5
UniRef90_W6T468
UniRef90_N9XUG0
UniRef90_L0K9R6
UniRef90_A0RM88
UniRef90_C3XJC4
UniRef90_K4RLT5
UniRef90_X2H624
UniRef90_UPI0003752D87
UniRef90_Q65VI4
UniRef90_S2ZRD4
UniRef90_Q7MQP3
UniRef90_M8DQQ3
UniRef90_D4YES2
UniRef90_Q0TUQ5
UniRef90_D7BBC0
UniRef90_R7FSM8
UniRef90_S3Z4X4
UniRef90_UPI0003B35DCD
UniRef90_UPI000471F152
UniRef90_R2THK1
UniRef90_A5EVY3
UniRef90_D9QR17
UniRef90_E0UR25
UniRef90_UPI0003655F73
UniRef90_C2GLB2
UniRef90_R5BXH2
UniRef90_K0B0F1
UniRef90_E8NGC1
UniRef90_I3DJA1
UniRef90_B2UWX8
UniRef90_D5V4X1
UniRef90_H0IXG7
UniRef90_G9PGC9
UniRef90_M1S712
UniRef90_A1SZZ2
UniRef90_UPI0002558F7A
UniRef90_R5GZ39
UniRef90_T1DVB8
UniRef90_H7EGW6
UniRef90_C5R8X5
UniRef90_M2D659
UniRef90_R2SR64
UniRef90_UPI00020D9B19
UniRef90_Z9JRC0
UniRef90_A6Q5E8
UniRef90_UPI00036FD96D
UniRef90_G7HW59
UniRef90_E8LLB3
UniRef90_Q7VNV8
UniRef90_B7A6N5
UniRef90_R5ZCW6
UniRef90_D0BKZ5
UniRef90_C0BWV1
UniRef90_UPI0003FA767B
UniRef90_C0W4M4
UniRef90_UPI000462C237
UniRef90_UPI000319A535
UniRef90_Q086L5
UniRef90_C8PFC7
UniRef90_D2U034
UniRef90_UPI00046EE56E
UniRef90_E4UA16
UniRef90_R7IRY5
UniRef90_B0NCW2
UniRef90_C0WI46
UniRef90_F3B9D8
UniRef90_V8BW40
UniRef90_F3YAW5
UniRef90_B1YKZ3
UniRef90_E0QL09
UniRef90_UPI0004792010
UniRef90_UPI000370FC13
UniRef90_R5D5F7
UniRef90_C4L419
UniRef90_R9MDH0
UniRef90_R5IHR6
UniRef90_W1TQR5
UniRef90_G2DRF5
UniRef90_C2CR51
UniRef90_I2K589
UniRef90_D5UC86
UniRef90_K1M6B3
UniRef90_R5EUY8
UniRef90_D0YP33
UniRef90_B1QYI0

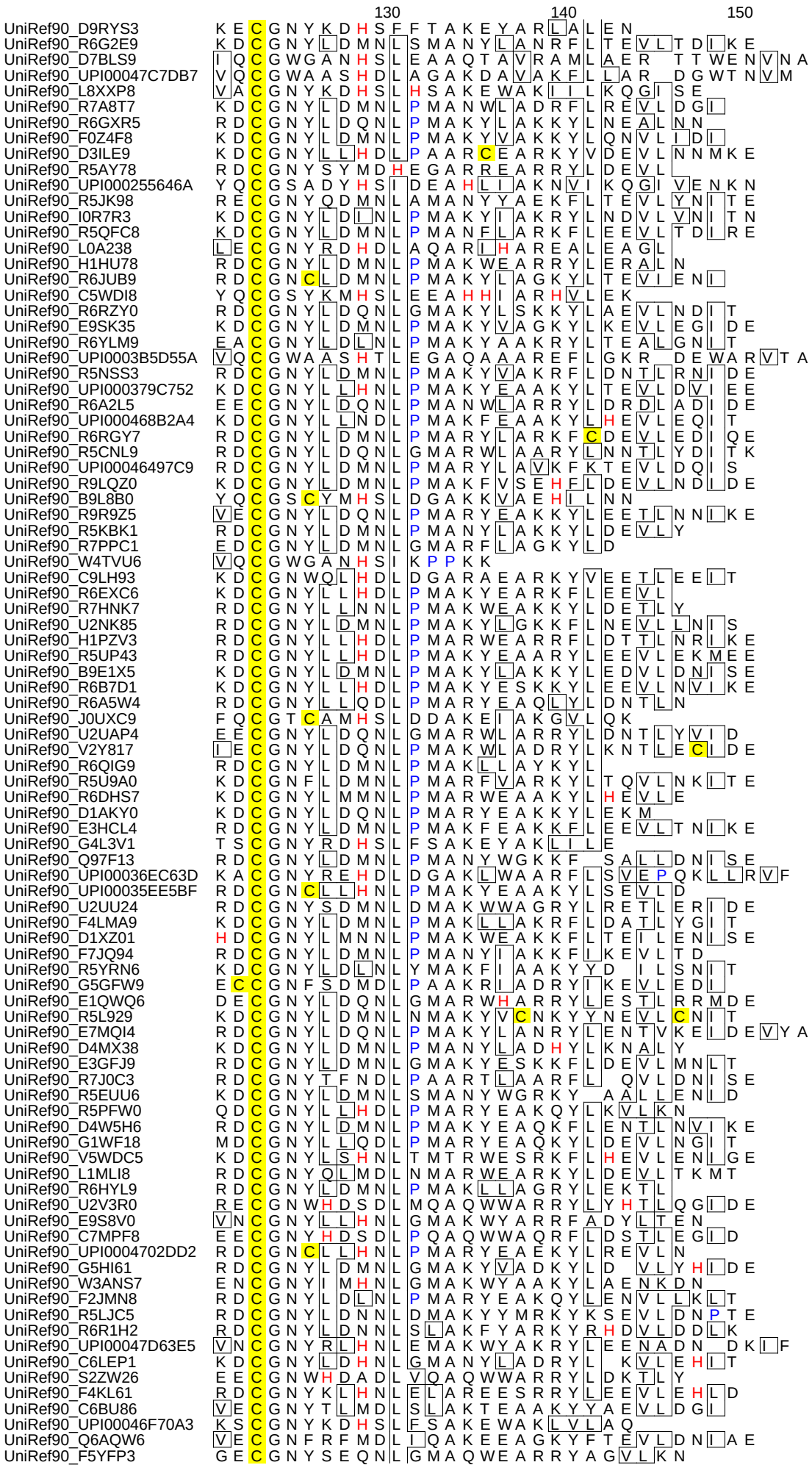

90
100
110
120
UniRef90_F2NTN2
UniRef90_F7Q1F0
UniRef90_U1RBV0
UniRef90_S0P792
UniRef90_M7NFE1
UniRef90_D3PQU0
UniRef90_UPI0003B471B5
UniRef90_W6T468
UniRef90_N9XUG0
UniRef90_L0K9R6
UniRef90_A0RM88
UniRef90_C3XJC4
UniRef90_K4RLT5
UniRef90_X2H624
UniRef90_UPI0003752D87
UniRef90_Q65VI4
UniRef90_S2ZRD4
UniRef90_Q7MQP3
UniRef90_M8DQQ3
UniRef90_D4YES2
UniRef90_Q0TUQ5
UniRef90_D7BBC0
UniRef90_R7FSM8
UniRef90_S3Z4X4
UniRef90_UPI0003B35DCD
UniRef90_UPI000471F152
UniRef90_R2THK1
UniRef90_A5EVY3
UniRef90_D9QR17
UniRef90_E0UR25
UniRef90_UPI0003655F73
UniRef90_C2GLB2
UniRef90_R5BXH2
UniRef90_K0B0F1
UniRef90_E8NGC1
UniRef90_I3DJA1
UniRef90_B2UWX8
UniRef90_D5V4X1
UniRef90_H0IXG7
UniRef90_G9PGC9
UniRef90_M1S712
UniRef90_A1SZZ2
UniRef90_UPI0002558F7A
UniRef90_R5GZ39
UniRef90_T1DVB8
UniRef90_H7EGW6
UniRef90_C5R8X5
UniRef90_M2D659
UniRef90_R2SR64
UniRef90_UPI00020D9B19
UniRef90_Z9JRC0
UniRef90_A6Q5E8
UniRef90_UPI00036FD96D
UniRef90_G7HW59
UniRef90_E8LLB3
UniRef90_Q7VNV8
UniRef90_B7A6N5
UniRef90_R5ZCW6
UniRef90_D0BKZ5
UniRef90_C0BWV1
UniRef90_UPI0003FA767B
UniRef90_C0W4M4
UniRef90_UPI000462C237
UniRef90_UPI000319A535
UniRef90_Q086L5
UniRef90_C8PFC7
UniRef90_D2U034
UniRef90_UPI00046EE56E
UniRef90_E4UA16
UniRef90_R7IRY5
UniRef90_B0NCW2
UniRef90_C0WI46
UniRef90_F3B9D8
UniRef90_V8BW40
UniRef90_F3YAW5
UniRef90_B1YKZ3
UniRef90_E0QL09
UniRef90_UPI0004792010
UniRef90_UPI000370FC13
UniRef90_R5D5F7
UniRef90_C4L419
UniRef90_R9MDH0
UniRef90_R5IHR6
UniRef90_W1TQR5
UniRef90_G2DRF5
UniRef90_C2CR51
UniRef90_I2K589
UniRef90_D5UC86
UniRef90_K1M6B3
UniRef90_R5EUY8
UniRef90_D0YP33
UniRef90_B1QYI0

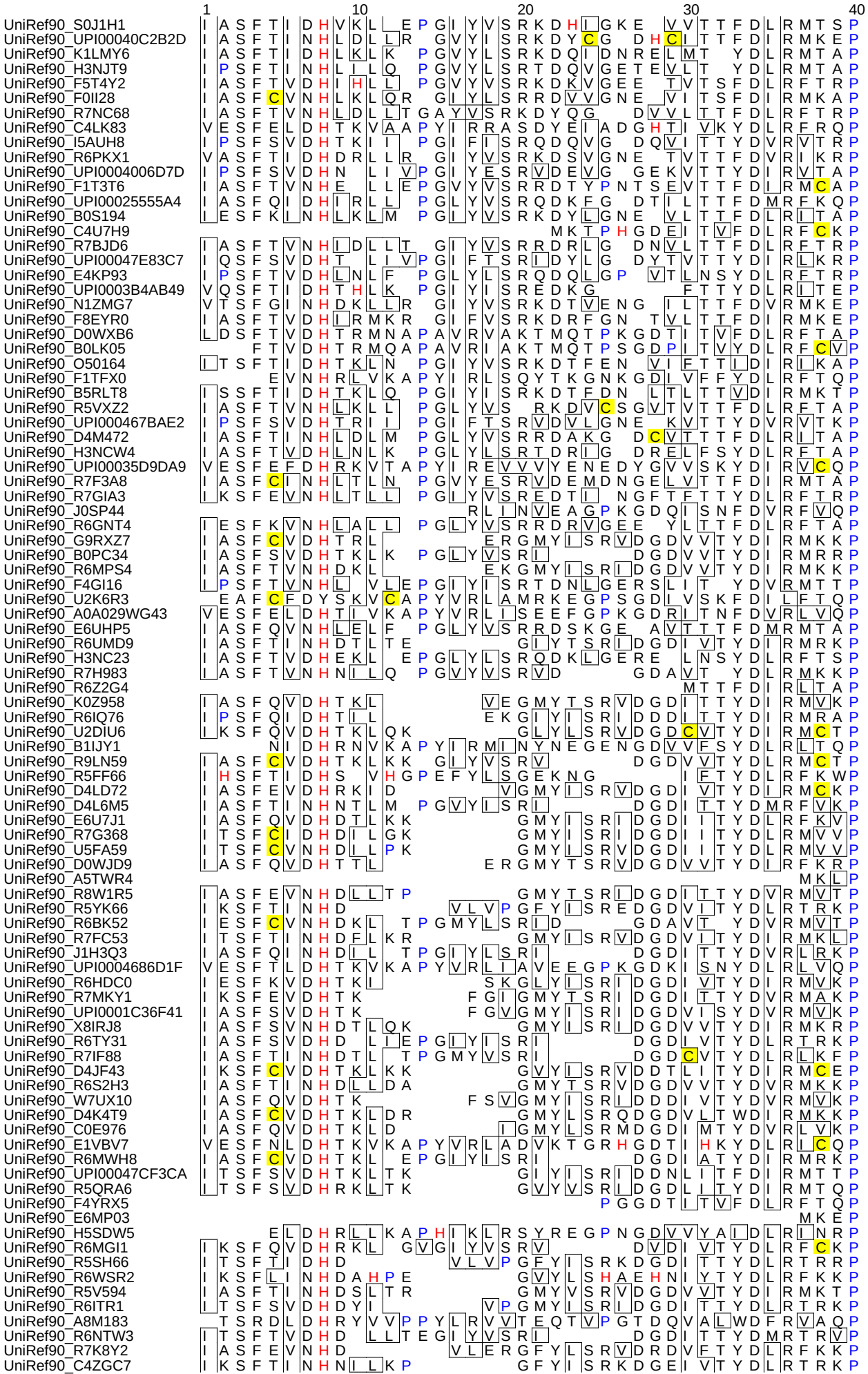

130
140
150
UniRef90_F2NTN2 V E C G N Y K D H D L E G A K K F A A R W V K E I R E
UniRef90_F7Q1F0 V Q C G N Y K D L S L F G A K E Y A K E V V K K L E D K Y K
UniRef90_U1RBV0 E T C G N Y K D H S L F T A R E W C K L I L S Q
UniRef90_S0P792 E S C G N Y R D H S L F G A K E Y A K L V I D E G I S E
UniRef90_M7NFE1 L E C G N Y R D H S L F A A K E Y S K Q V L D
UniRef90_D3PQU0 L E C G N Y R D H D P Q S A K A W A E R L L H S N L
UniRef90_UPI0003B471B5 V Q C G W G A D H D L E G A K K W A R Y F L D H K D G W R Q V M A
UniRef90_W6T468 Y S C G N Y K D H S L F S A K E W A Q K I V T E
UniRef90_N9XUG0 I Q C G N Y K D L S L F G A Q E Y A K E A L K K G F S L N I Y G
UniRef90_L0K9R6 K E C G N Y R D H S L F G A K E Y A Q Q V L A G F K E
UniRef90_A0RM88 Y Q C G T C T L H S L D E A Q D I A R N I L A K
UniRef90_C3XJC4 Y Q C G T A K M H S L H N A Q K I A Q D M L D K
UniRef90_K4RLT5 I Q C G F A A S H S L E G A Q G L A R E F L A K R A E W
UniRef90_X2H624 Y Q C G T Y K M H S L D E A K A I A E E I I
UniRef90_UPI0003752D87 V Q C G W G A N H S L E Q A Q E A A R A F L A K R D E W E T V
UniRef90_Q65VI4 Y Q C G T Y T E H S L A D A H E T A R H V I E K
UniRef90_S2ZRD4 Y S C G N Y R D H S L F S A R E W S R A I L E Q
UniRef90_Q7MQP3 Y Q C G T A C M H S L K E A Q E I A R T V L D R
UniRef90_M8DQQ3 V Q C G N F R D H S L F S A K E Y A K M I L E K
UniRef90_D4YES2 V E C G N F R D H S L W G A Q Q Y A K D V L E
UniRef90_Q0TUQ5 L Q C G S A K L H S L E L A K S H A K Q V L E N
UniRef90_D7BBC0 L E C G N Y R N H D L T L A K D W A R R V L D K G L
UniRef90_R7FSM8 K D C G N Y L D M N L P M A K Y L S K K Y L T E V L E N I T
UniRef90_S3Z4X4 I Q C G W G A H H S L E G A K R A A Q S F L E K K S E W L Q V E A
UniRef90_UPI0003B35DCD V S C G N Y V D H S L F S A K E V S K H V L E K
UniRef90_UPI000471F152 K E C G N Y R D H S L F A A K E Y A K I V L E H
UniRef90_R2THK1 K E C G N Y K D H S L F S A Q E Y A K L V L E K
UniRef90_A5EVY3 E Q C G F A A N H S L S G A Q E I A R Y L L A H R N K W E Q V F
UniRef90_D9QR17 R E C G N Y R D H S L F G A K E Y A E E V L A G F K E
UniRef90_E0UR25 Y Q C G S Y K M H S L K N A K K I A S D I L S H
UniRef90_UPI0003655F73 L E C G N W R D H D L A T A R E L A R E V L E R
UniRef90_C2GLB2 K Q C G W G Q N H S L K G A Q E A V E K M L A K R D E W G T V F A
UniRef90_R5BXH2 K D C G N Y L D M N L G M A K Y L A K K Y L D D V L Y Q I T E
UniRef90_K0B0F1 I Q C G N Y K E H S L E E A I E Y A E S F V K N I
UniRef90_E8NGC1 F S C G N Y R D H S L H S A R E W S K V V L E K
UniRef90_I3DJA1 Y Q C G T Y T E H S L A E A Q I A A R H V I E K G I G I N K N
UniRef90_B2UWX8 I Q C G N Y R D L S L F G A K E Y A K E A L E R
UniRef90_D5V4X1 Y Q C G T C N M H S L E E A K D I A K D I L S H
UniRef90_H0IXG7 F Q C G T F V M H S L N D A Q Q I A Q S I I D Q G I G I N K N
UniRef90_G9PGC9 V Q C G W G A N H S L E A A Q Q A V S Q F L A Q R A V W G Q V M A
UniRef90_M1S712 Y Q C G T Y K M H S L E E A H Q I A K N I I E R D V R V N K N
UniRef90_A1SZZ2 Y Q C G T Y A M H S L A E A K T I A Q A V I D
UniRef90_UPI0002558F7A Y Q C G T F M M H S L E E A K E I A Q S I L D H
UniRef90_R5GZ39 K D C G N Y L D M N L P M A N Y L G K R Y L E Q V L Y N I K E
UniRef90_T1DVB8 F Q C G T F A M H S L D E A K Q I A C N V L D R
UniRef90_H7EGW6 I Q C G N W R D M D L D G A K E F A R K W I E E T K G W N
UniRef90_C5R8X5 K E C G N Y K D H S L H S A K E W S K I I L E Q
UniRef90_M2D659 K E C G N Y R D H S L F T A K G W A K
UniRef90_R2SR64 K E C G N Y R D H S L F S A Q E Y A R Q V L Q Q
UniRef90_UPI00020D9B19 E S C G N Y K D H S L F S A K E W A K L I L S E
UniRef90_Z9JRC0 V Q C G W G A H H T L E G A Q T A A R A F L D R R D E W E D V
UniRef90_A6Q5E8 Y Q C G S C Y M H S L N E A Q K I A K H I V E N
UniRef90_UPI00036FD96D V Q C G R A A S H S L D G A K A I A N D M L E K W G S W S T V F
UniRef90_G7HW59 V Q C G W G E S H S L E G A Q E A A R A L L A K R D E W A Q V M A
UniRef90_E8LLB3 Y Q C G S C Q M H S L H E A K E I A K E V L K H
UniRef90_Q7VNV8 Y Q C G T F S E H S L E D A H Q I A R D V L A K
UniRef90_B7A6N5 R E C G N Y R D H D L E G A K A W A E K V L
UniRef90_R5ZCW6 R D C G N Y L D M N L P L A K I V A R R Y L D H T L N H L T E
UniRef90_D0BKZ5 V Q C G N Y K D H S L F G A K E Y A K Q V L E Q
UniRef90_C0BWV1 K D C G N C L D M N L P M A K Y L A G R Y L K E V L E Q I T
UniRef90_UPI0003FA767B I Q C G W G A N H S L E D A Q A A V R S F L E A R D Q W Q I V M
UniRef90_C0W4M4 V Q C G W G A N H C L T A A Q D A V R A F L D A R E E W D Q V L A
UniRef90_UPI000462C237 V Q C G W G A N H S L E G A Q K A V R A F L A E R E S W E E V
UniRef90_UPI000319A535 T Q C G W A A S H S L E G A K T A V R D F L A K R G E W D Q V F A
UniRef90_Q086L5 Y Q C G T Y E M H S L E Q A Q D I A R M I I A
UniRef90_C8PFC7 F Q C G T F A M H S L A E A K Q I A Q N V L N K G I G V I K N
UniRef90_D2U034 Y Q C G T Y E M H S L A E A Q Q I A R N V I E
UniRef90_UPI00046EE56E Y Q C G T Y T M H S L T E A K N I A K S I I N
UniRef90_E4UA16 L E C G N Y R D H D L E E A K Y W S R R V L E K G L
UniRef90_R7IRY5 R D C G N Y L D M N L P M A N Y L A K K Y L T E V L D H I S
UniRef90_B0NCW2 R D C G N Y L D M N L P M A N Y L A R K Y L N E V L E S I T E
UniRef90_C0WI46 E Q C G W G A H H S L K G A K D A A R K F L D A K P E W L E V M A
UniRef90_F3B9D8 K D C G N Y L D M N L P M A N Y I A K K Y L H D V L E N I T Q
UniRef90_V8BW40 K D C G N Y L L H D L P M A R W E A R K F L E E V L E N I T
UniRef90_F3YAW5 K E C G N Y K D H S L F G A K E Y V K M V L A
UniRef90_B1YKZ3 V Q C G F A S A H D L K G A K H Y A E K M L A G R D E W D I V F G
UniRef90_E0QL09 I G C G N F R D M N L P M A K Y L A N K F L E E V L Y N I D E
UniRef90_UPI0004792010 K D C G N Y L D M N L P M A K Y V A R K Y L N E V L L N I S E
UniRef90_UPI000370FC13 V Q C G W G A N H S L N D A Q Q A V R S F L E H R S E W
UniRef90_R5D5F7 R D C G N Y L D M N L P M A N Y L A K K Y L T E V L D H I T
UniRef90_C4L419 V Q C G N A N H H D F E G A K K L A A D M L A K R D E W H I V F
UniRef90_R9MDH0 K D C G N Y L D M N L P M A K Y L S R K Y L D E V L D E Q L N Y P A
UniRef90_R5IHR6 K D C G N Y L D M N L G M A K Y L A A K Y L K V L T H I D E
UniRef90_W1TQR5 R Q C G W G A H H S L K G A Q E A T A H F L A A R E S W N Q V Y
UniRef90_G2DRF5 Y Q C G T Y Q M H S L I E A Q D I A R N I L A R D I R V N K N
UniRef90_C2CR51 R Q C G W G A S H C L E G A Q A A R E Y L A H K D E W L E V M A
UniRef90_I2K589 Y Q C G T Y K M H S L D E A Q A I A H T V L D R
UniRef90_D5UC86 V Q C G W G A H H T L A G A Q D V A R T F L A A R D G W S T V T A
UniRef90_K1M6B3 K E C G N Y R D H S L F S A K I Y A Q Q V L D Q
UniRef90_R5EUY8 Y Q C G S C K L H S L E E A K D I A K E V L D K
UniRef90_D0YP33 I Q C G W G A S H S L S G A Q Q A A Q T M L N H R E E W D K I Y S
UniRef90_B1QYI0 K D C G N Y L D M N L P M A R Y V A G K F V R E V L D N I S N

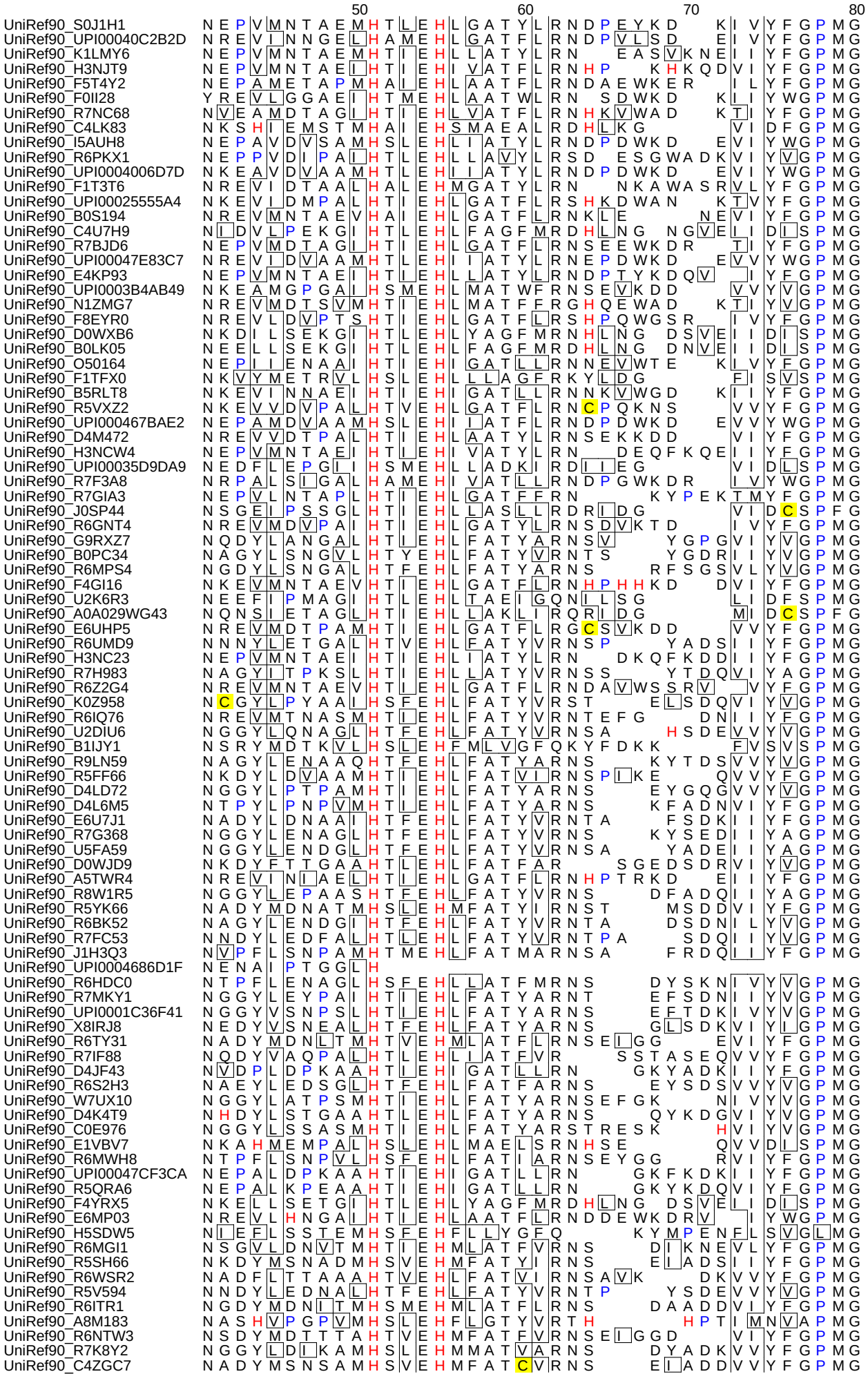

1
10
20
30
40
UniRef90_D9RYS3
UniRef90_R6G2E9
UniRef90_D7BLS9
UniRef90_UPI00047C7DB7
UniRef90_L8XXP8
UniRef90_R7A8T7
UniRef90_R6GXR5
UniRef90_F0Z4F8
UniRef90_D3ILE9
UniRef90_R5AY78
UniRef90_UPI000255646A
UniRef90_R5JK98
UniRef90_I0R7R3
UniRef90_R5QFC8
UniRef90_L0A238
UniRef90_H1HU78
UniRef90_R6JUB9
UniRef90_C5WDI8
UniRef90_R6RZY0
UniRef90_E9SK35
UniRef90_R6YLM9
UniRef90_UPI0003B5D55A
UniRef90_R5NSS3
UniRef90_UPI000379C752
UniRef90_R6A2L5
UniRef90_UPI000468B2A4
UniRef90_R6RGY7
UniRef90_R5CNL9
UniRef90_UPI00046497C9
UniRef90_R9LQZ0
UniRef90_B9L8B0
UniRef90_R9R9Z5
UniRef90_R5KBK1
UniRef90_R7PPC1
UniRef90_W4TVU6
UniRef90_C9LH93
UniRef90_R6EXC6
UniRef90_R7HNK7
UniRef90_U2NK85
UniRef90_H1PZV3
UniRef90_R5UP43
UniRef90_B9E1X5
UniRef90_R6B7D1
UniRef90_R6A5W4
UniRef90_J0UXC9
UniRef90_U2UAP4
UniRef90_V2Y817
UniRef90_R6QIG9
UniRef90_R5U9A0
UniRef90_R6DHS7
UniRef90_D1AKY0
UniRef90_E3HCL4
UniRef90_G4L3V1
UniRef90_Q97F13
UniRef90_UPI00036EC63D
UniRef90_UPI00035EE5BF
UniRef90_U2UU24
UniRef90_F4LMA9
UniRef90_D1XZ01
UniRef90_F7JQ94
UniRef90_R5YRN6
UniRef90_G5GFW9
UniRef90_E1QWQ6
UniRef90_R5L929
UniRef90_E7MQI4
UniRef90_D4MX38
UniRef90_E3GFJ9
UniRef90_R7J0C3
UniRef90_R5EUU6
UniRef90_R5PFW0
UniRef90_D4W5H6
UniRef90_G1WF18
UniRef90_V5WDC5
UniRef90_L1MLI8
UniRef90_R6HYL9
UniRef90_U2V3R0
UniRef90_E9S8V0
UniRef90_C7MPF8
UniRef90_UPI0004702DD2
UniRef90_G5HI61
UniRef90_W3ANS7
UniRef90_F2JMN8
UniRef90_R5LJC5
UniRef90_R6R1H2
UniRef90_UPI00047D63E5
UniRef90_C6LEP1
UniRef90_S2ZW26
UniRef90_F4KL61
UniRef90_C6BU86
UniRef90_UPI00046F70A3
UniRef90_Q6AQW6
UniRef90_F5YFP3

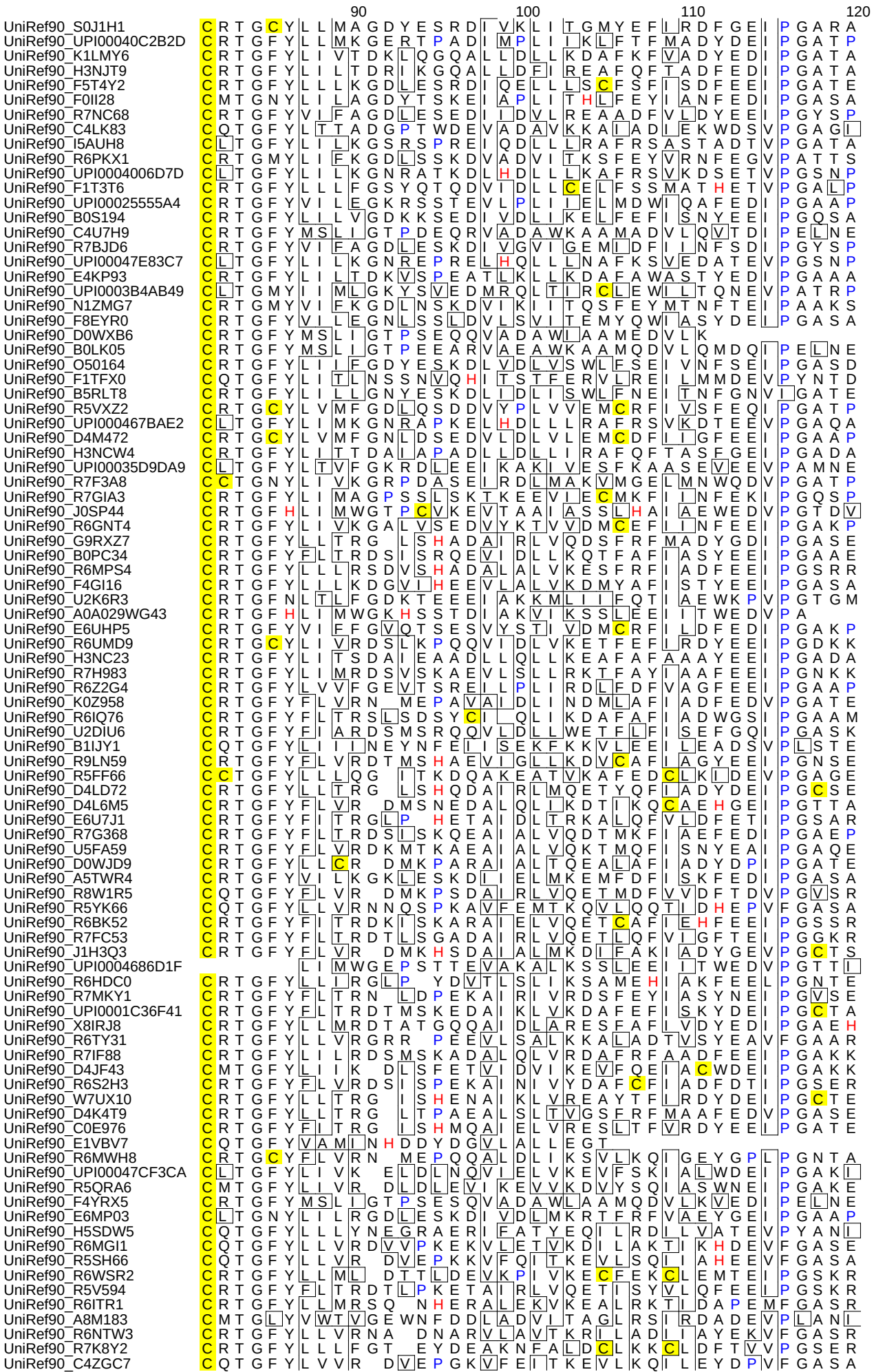

50
60
70
80
UniRef90_D9RYS3
UniRef90_R6G2E9
UniRef90_D7BLS9
UniRef90_UPI00047C7DB7
UniRef90_L8XXP8
UniRef90_R7A8T7
UniRef90_R6GXR5
UniRef90_F0Z4F8
UniRef90_D3ILE9
UniRef90_R5AY78
UniRef90_UPI000255646A
UniRef90_R5JK98
UniRef90_I0R7R3
UniRef90_R5QFC8
UniRef90_L0A238
UniRef90_H1HU78
UniRef90_R6JUB9
UniRef90_C5WDI8
UniRef90_R6RZY0
UniRef90_E9SK35
UniRef90_R6YLM9
UniRef90_UPI0003B5D55A
UniRef90_R5NSS3
UniRef90_UPI000379C752
UniRef90_R6A2L5
UniRef90_UPI000468B2A4
UniRef90_R6RGY7
UniRef90_R5CNL9
UniRef90_UPI00046497C9
UniRef90_R9LQZ0
UniRef90_B9L8B0
UniRef90_R9R9Z5
UniRef90_R5KBK1
UniRef90_R7PPC1
UniRef90_W4TVU6
UniRef90_C9LH93
UniRef90_R6EXC6
UniRef90_R7HNK7
UniRef90_U2NK85
UniRef90_H1PZV3
UniRef90_R5UP43
UniRef90_B9E1X5
UniRef90_R6B7D1
UniRef90_R6A5W4
UniRef90_J0UXC9
UniRef90_U2UAP4
UniRef90_V2Y817
UniRef90_R6QIG9
UniRef90_R5U9A0
UniRef90_R6DHS7
UniRef90_D1AKY0
UniRef90_E3HCL4
UniRef90_G4L3V1
UniRef90_Q97F13
UniRef90_UPI00036EC63D
UniRef90_UPI00035EE5BF
UniRef90_U2UU24
UniRef90_F4LMA9
UniRef90_D1XZ01
UniRef90_F7JQ94
UniRef90_R5YRN6
UniRef90_G5GFW9
UniRef90_E1QWQ6
UniRef90_R5L929
UniRef90_E7MQI4
UniRef90_D4MX38
UniRef90_E3GFJ9
UniRef90_R7J0C3
UniRef90_R5EUU6
UniRef90_R5PFW0
UniRef90_D4W5H6
UniRef90_G1WF18
UniRef90_V5WDC5
UniRef90_L1MLI8
UniRef90_R6HYL9
UniRef90_U2V3R0
UniRef90_E9S8V0
UniRef90_C7MPF8
UniRef90_UPI0004702DD2
UniRef90_G5HI61
UniRef90_W3ANS7
UniRef90_F2JMN8
UniRef90_R5LJC5
UniRef90_R6R1H2
UniRef90_UPI00047D63E5
UniRef90_C6LEP1
UniRef90_S2ZW26
UniRef90_F4KL61
UniRef90_C6BU86
UniRef90_UPI00046F70A3
UniRef90_Q6AQW6
UniRef90_F5YFP3

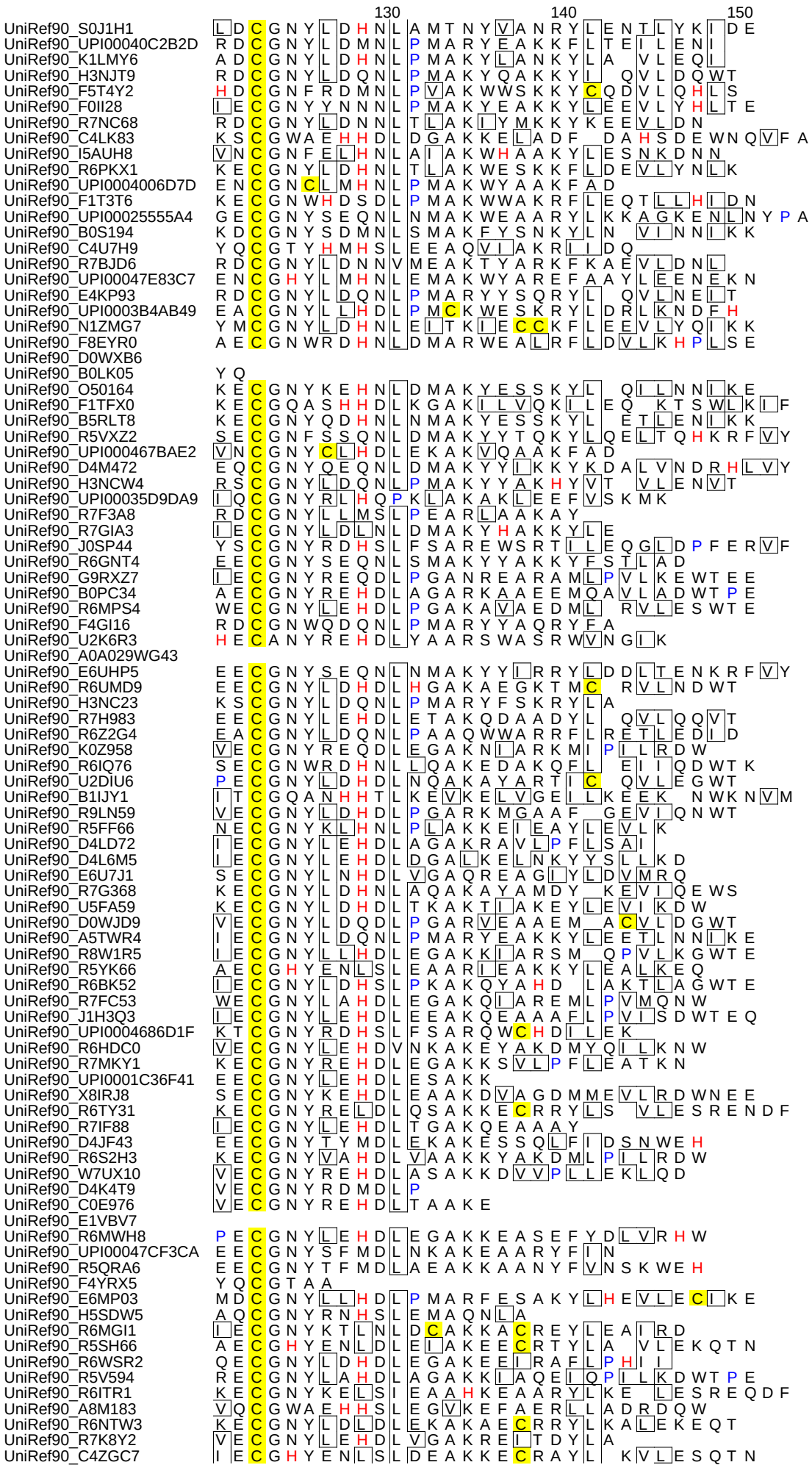

90
100
110
120
UniRef90_D9RYS3
UniRef90_R6G2E9
UniRef90_D7BLS9
UniRef90_UPI00047C7DB7
UniRef90_L8XXP8
UniRef90_R7A8T7
UniRef90_R6GXR5
UniRef90_F0Z4F8
UniRef90_D3ILE9
UniRef90_R5AY78
UniRef90_UPI000255646A
UniRef90_R5JK98
UniRef90_I0R7R3
UniRef90_R5QFC8
UniRef90_L0A238
UniRef90_H1HU78
UniRef90_R6JUB9
UniRef90_C5WDI8
UniRef90_R6RZY0
UniRef90_E9SK35
UniRef90_R6YLM9
UniRef90_UPI0003B5D55A
UniRef90_R5NSS3
UniRef90_UPI000379C752
UniRef90_R6A2L5
UniRef90_UPI000468B2A4
UniRef90_R6RGY7
UniRef90_R5CNL9
UniRef90_UPI00046497C9
UniRef90_R9LQZ0
UniRef90_B9L8B0
UniRef90_R9R9Z5
UniRef90_R5KBK1
UniRef90_R7PPC1
UniRef90_W4TVU6
UniRef90_C9LH93
UniRef90_R6EXC6
UniRef90_R7HNK7
UniRef90_U2NK85
UniRef90_H1PZV3
UniRef90_R5UP43
UniRef90_B9E1X5
UniRef90_R6B7D1
UniRef90_R6A5W4
UniRef90_J0UXC9
UniRef90_U2UAP4
UniRef90_V2Y817
UniRef90_R6QIG9
UniRef90_R5U9A0
UniRef90_R6DHS7
UniRef90_D1AKY0
UniRef90_E3HCL4
UniRef90_G4L3V1
UniRef90_Q97F13
UniRef90_UPI00036EC63D
UniRef90_UPI00035EE5BF
UniRef90_U2UU24
UniRef90_F4LMA9
UniRef90_D1XZ01
UniRef90_F7JQ94
UniRef90_R5YRN6
UniRef90_G5GFW9
UniRef90_E1QWQ6
UniRef90_R5L929
UniRef90_E7MQI4
UniRef90_D4MX38
UniRef90_E3GFJ9
UniRef90_R7J0C3
UniRef90_R5EUU6
UniRef90_R5PFW0
UniRef90_D4W5H6
UniRef90_G1WF18
UniRef90_V5WDC5
UniRef90_L1MLI8
UniRef90_R6HYL9
UniRef90_U2V3R0
UniRef90_E9S8V0
UniRef90_C7MPF8
UniRef90_UPI0004702DD2
UniRef90_G5HI61
UniRef90_W3ANS7
UniRef90_F2JMN8
UniRef90_R5LJC5
UniRef90_R6R1H2
UniRef90_UPI00047D63E5
UniRef90_C6LEP1
UniRef90_S2ZW26
UniRef90_F4KL61
UniRef90_C6BU86
UniRef90_UPI00046F70A3
UniRef90_Q6AQW6
UniRef90_F5YFP3

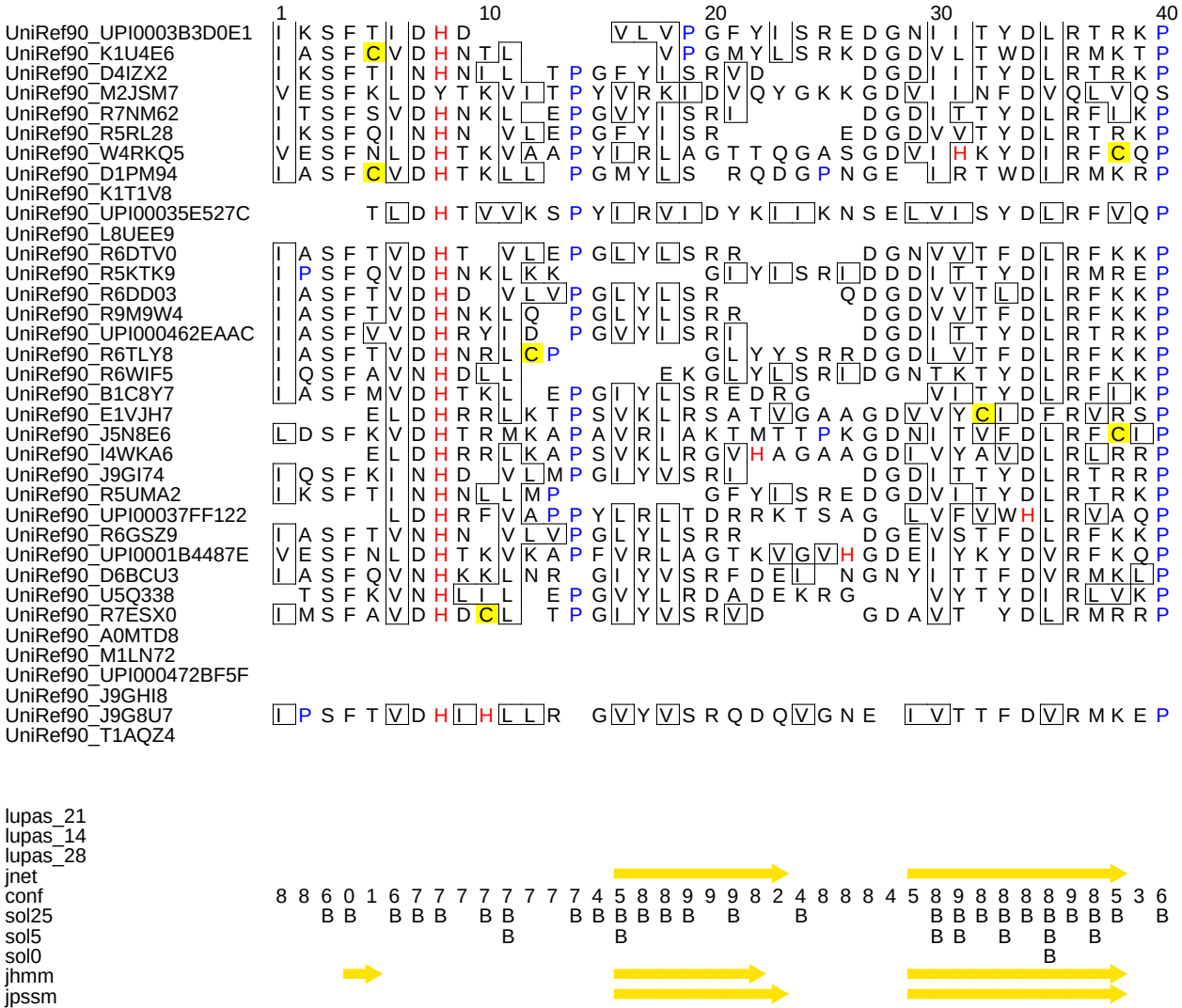

130
140
150
UniRef90_D9RYS3
UniRef90_R6G2E9
UniRef90_D7BLS9
UniRef90_UPI00047C7DB7
UniRef90_L8XXP8
UniRef90_R7A8T7
UniRef90_R6GXR5
UniRef90_F0Z4F8
UniRef90_D3ILE9
UniRef90_R5AY78
UniRef90_UPI000255646A
UniRef90_R5JK98
UniRef90_I0R7R3
UniRef90_R5QFC8
UniRef90_L0A238
UniRef90_H1HU78
UniRef90_R6JUB9
UniRef90_C5WDI8
UniRef90_R6RZY0
UniRef90_E9SK35
UniRef90_R6YLM9
UniRef90_UPI0003B5D55A
UniRef90_R5NSS3
UniRef90_UPI000379C752
UniRef90_R6A2L5
UniRef90_UPI000468B2A4
UniRef90_R6RGY7
UniRef90_R5CNL9
UniRef90_UPI00046497C9
UniRef90_R9LQZ0
UniRef90_B9L8B0
UniRef90_R9R9Z5
UniRef90_R5KBK1
UniRef90_R7PPC1
UniRef90_W4TVU6
UniRef90_C9LH93
UniRef90_R6EXC6
UniRef90_R7HNK7
UniRef90_U2NK85
UniRef90_H1PZV3
UniRef90_R5UP43
UniRef90_B9E1X5
UniRef90_R6B7D1
UniRef90_R6A5W4
UniRef90_J0UXC9
UniRef90_U2UAP4
UniRef90_V2Y817
UniRef90_R6QIG9
UniRef90_R5U9A0
UniRef90_R6DHS7
UniRef90_D1AKY0
UniRef90_E3HCL4
UniRef90_G4L3V1
UniRef90_Q97F13
UniRef90_UPI00036EC63D
UniRef90_UPI00035EE5BF
UniRef90_U2UU24
UniRef90_F4LMA9
UniRef90_D1XZ01
UniRef90_F7JQ94
UniRef90_R5YRN6
UniRef90_G5GFW9
UniRef90_E1QWQ6
UniRef90_R5L929
UniRef90_E7MQI4
UniRef90_D4MX38
UniRef90_E3GFJ9
UniRef90_R7J0C3
UniRef90_R5EUU6
UniRef90_R5PFW0
UniRef90_D4W5H6
UniRef90_G1WF18
UniRef90_V5WDC5
UniRef90_L1MLI8
UniRef90_R6HYL9
UniRef90_U2V3R0
UniRef90_E9S8V0
UniRef90_C7MPF8
UniRef90_UPI0004702DD2
UniRef90_G5HI61
UniRef90_W3ANS7
UniRef90_F2JMN8
UniRef90_R5LJC5
UniRef90_R6R1H2
UniRef90_UPI00047D63E5
UniRef90_C6LEP1
UniRef90_S2ZW26
UniRef90_F4KL61
UniRef90_C6BU86
UniRef90_UPI00046F70A3
UniRef90_Q6AQW6
UniRef90_F5YFP3

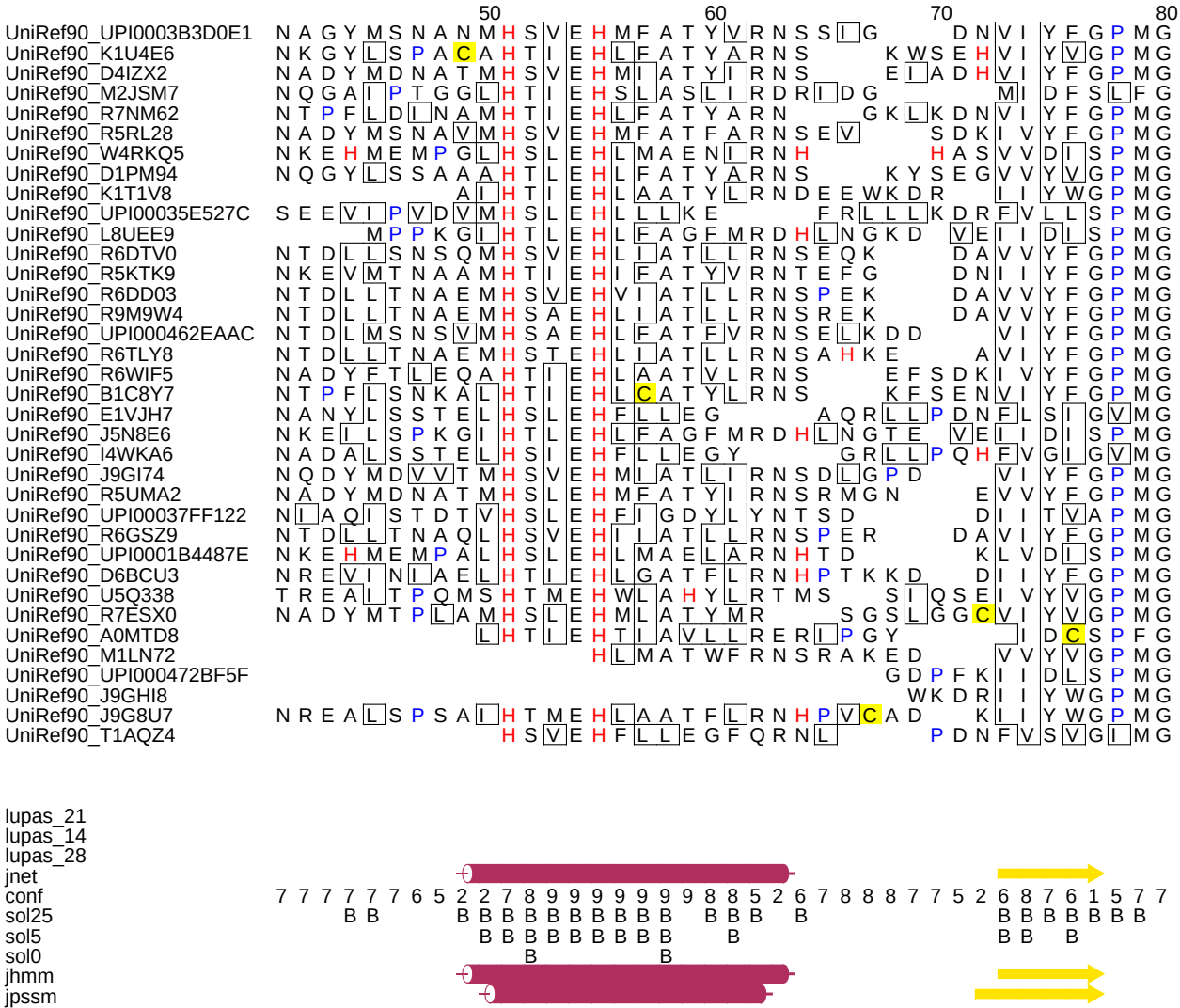

1
10
20
30
40
UniRef90_S0J1H1
UniRef90_UPI00040C2B2D
UniRef90_K1LMY6
UniRef90_H3NJT9
UniRef90_F5T4Y2
UniRef90_F0II28
UniRef90_R7NC68
UniRef90_C4LK83
UniRef90_I5AUH8
UniRef90_R6PKX1
UniRef90_UPI0004006D7D
UniRef90_F1T3T6
UniRef90_UPI00025555A4
UniRef90_B0S194
UniRef90_C4U7H9
UniRef90_R7BJD6
UniRef90_UPI00047E83C7
UniRef90_E4KP93
UniRef90_UPI0003B4AB49
UniRef90_N1ZMG7
UniRef90_F8EYR0
UniRef90_D0WXB6
UniRef90_B0LK05
UniRef90_O50164
UniRef90_F1TFX0
UniRef90_B5RLT8
UniRef90_R5VXZ2
UniRef90_UPI000467BAE2
UniRef90_D4M472
UniRef90_H3NCW4
UniRef90_UPI00035D9DA9
UniRef90_R7F3A8
UniRef90_R7GIA3
UniRef90_J0SP44
UniRef90_R6GNT4
UniRef90_G9RXZ7
UniRef90_B0PC34
UniRef90_R6MPS4
UniRef90_F4GI16
UniRef90_U2K6R3
UniRef90_A0A029WG43
UniRef90_E6UHP5
UniRef90_R6UMD9
UniRef90_H3NC23
UniRef90_R7H983
UniRef90_R6Z2G4
UniRef90_K0Z958
UniRef90_R6IQ76
UniRef90_U2DIU6
UniRef90_B1IJY1
UniRef90_R9LN59
UniRef90_R5FF66
UniRef90_D4LD72
UniRef90_D4L6M5
UniRef90_E6U7J1
UniRef90_R7G368
UniRef90_U5FA59
UniRef90_D0WJD9
UniRef90_A5TWR4
UniRef90_R8W1R5
UniRef90_R5YK66
UniRef90_R6BK52
UniRef90_R7FC53
UniRef90_J1H3Q3
UniRef90_UPI0004686D1F
UniRef90_R6HDC0
UniRef90_R7MKY1
UniRef90_UPI0001C36F41
UniRef90_X8IRJ8
UniRef90_R6TY31
UniRef90_R7IF88
UniRef90_D4JF43
UniRef90_R6S2H3
UniRef90_W7UX10
UniRef90_D4K4T9
UniRef90_C0E976
UniRef90_E1VBV7
UniRef90_R6MWH8
UniRef90_UPI00047CF3CA
UniRef90_R5QRA6
UniRef90_F4YRX5
UniRef90_E6MP03
UniRef90_H5SDW5
UniRef90_R6MGI1
UniRef90_R5SH66
UniRef90_R6WSR2
UniRef90_R5V594
UniRef90_R6ITR1
UniRef90_A8M183
UniRef90_R6NTW3
UniRef90_R7K8Y2
UniRef90_C4ZGC7

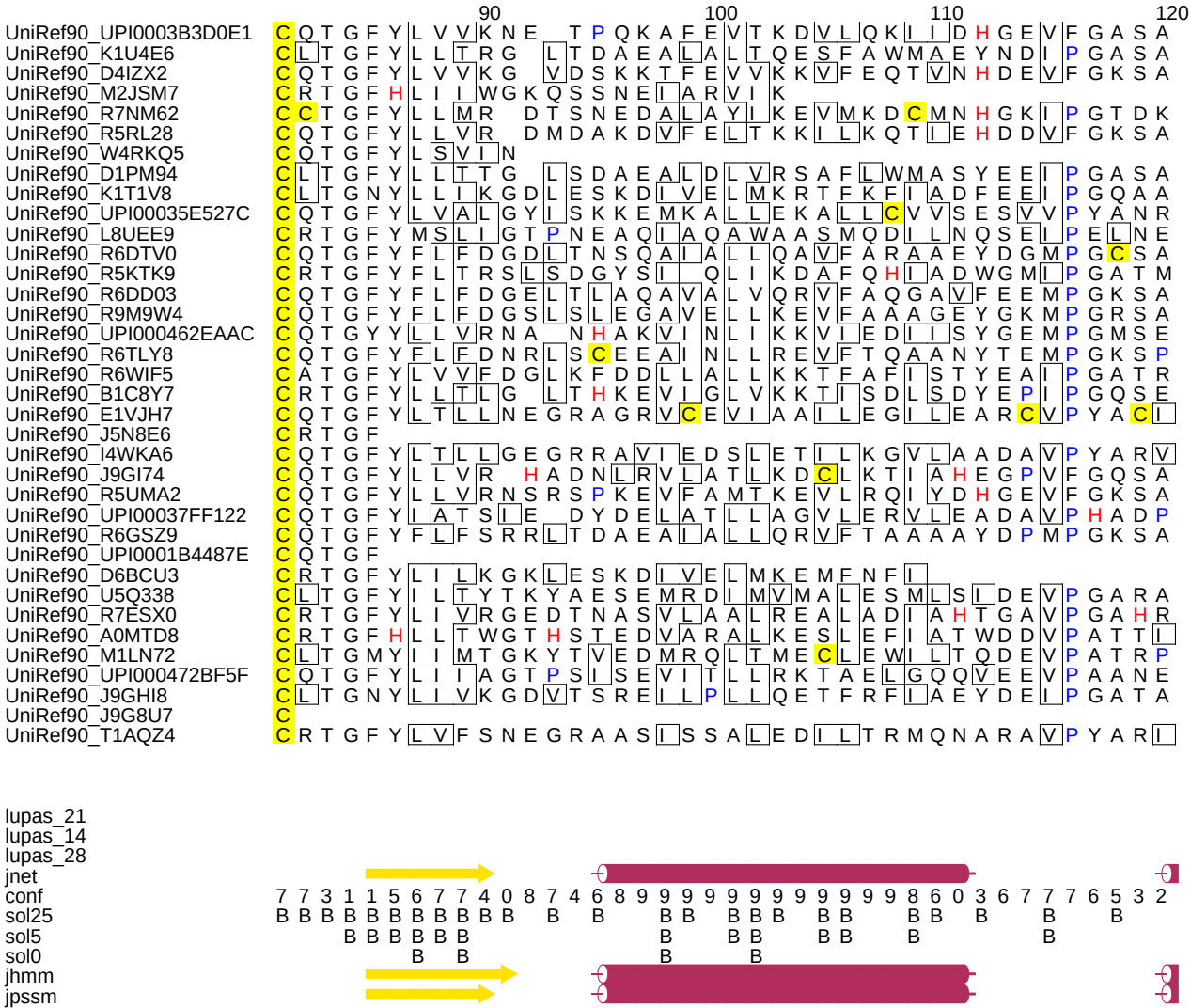

50
60
70
80
UniRef90_S0J1H1
UniRef90_UPI00040C2B2D
UniRef90_K1LMY6
UniRef90_H3NJT9
UniRef90_F5T4Y2
UniRef90_F0II28
UniRef90_R7NC68
UniRef90_C4LK83
UniRef90_I5AUH8
UniRef90_R6PKX1
UniRef90_UPI0004006D7D
UniRef90_F1T3T6
UniRef90_UPI00025555A4
UniRef90_B0S194
UniRef90_C4U7H9
UniRef90_R7BJD6
UniRef90_UPI00047E83C7
UniRef90_E4KP93
UniRef90_UPI0003B4AB49
UniRef90_N1ZMG7
UniRef90_F8EYR0
UniRef90_D0WXB6
UniRef90_B0LK05
UniRef90_O50164
UniRef90_F1TFX0
UniRef90_B5RLT8
UniRef90_R5VXZ2
UniRef90_UPI000467BAE2
UniRef90_D4M472
UniRef90_H3NCW4
UniRef90_UPI00035D9DA9
UniRef90_R7F3A8
UniRef90_R7GIA3
UniRef90_J0SP44
UniRef90_R6GNT4
UniRef90_G9RXZ7
UniRef90_B0PC34
UniRef90_R6MPS4
UniRef90_F4GI16
UniRef90_U2K6R3
UniRef90_A0A029WG43
UniRef90_E6UHP5
UniRef90_R6UMD9
UniRef90_H3NC23
UniRef90_R7H983
UniRef90_R6Z2G4
UniRef90_K0Z958
UniRef90_R6IQ76
UniRef90_U2DIU6
UniRef90_B1IJY1
UniRef90_R9LN59
UniRef90_R5FF66
UniRef90_D4LD72
UniRef90_D4L6M5
UniRef90_E6U7J1
UniRef90_R7G368
UniRef90_U5FA59
UniRef90_D0WJD9
UniRef90_A5TWR4
UniRef90_R8W1R5
UniRef90_R5YK66
UniRef90_R6BK52
UniRef90_R7FC53
UniRef90_J1H3Q3
UniRef90_UPI0004686D1F
UniRef90_R6HDC0
UniRef90_R7MKY1
UniRef90_UPI0001C36F41
UniRef90_X8IRJ8
UniRef90_R6TY31
UniRef90_R7IF88
UniRef90_D4JF43
UniRef90_R6S2H3
UniRef90_W7UX10
UniRef90_D4K4T9
UniRef90_C0E976
UniRef90_E1VBV7
UniRef90_R6MWH8
UniRef90_UPI00047CF3CA
UniRef90_R5QRA6
UniRef90_F4YRX5
UniRef90_E6MP03
UniRef90_H5SDW5
UniRef90_R6MGI1
UniRef90_R5SH66
UniRef90_R6WSR2
UniRef90_R5V594
UniRef90_R6ITR1
UniRef90_A8M183
UniRef90_R6NTW3
UniRef90_R7K8Y2
UniRef90_C4ZGC7

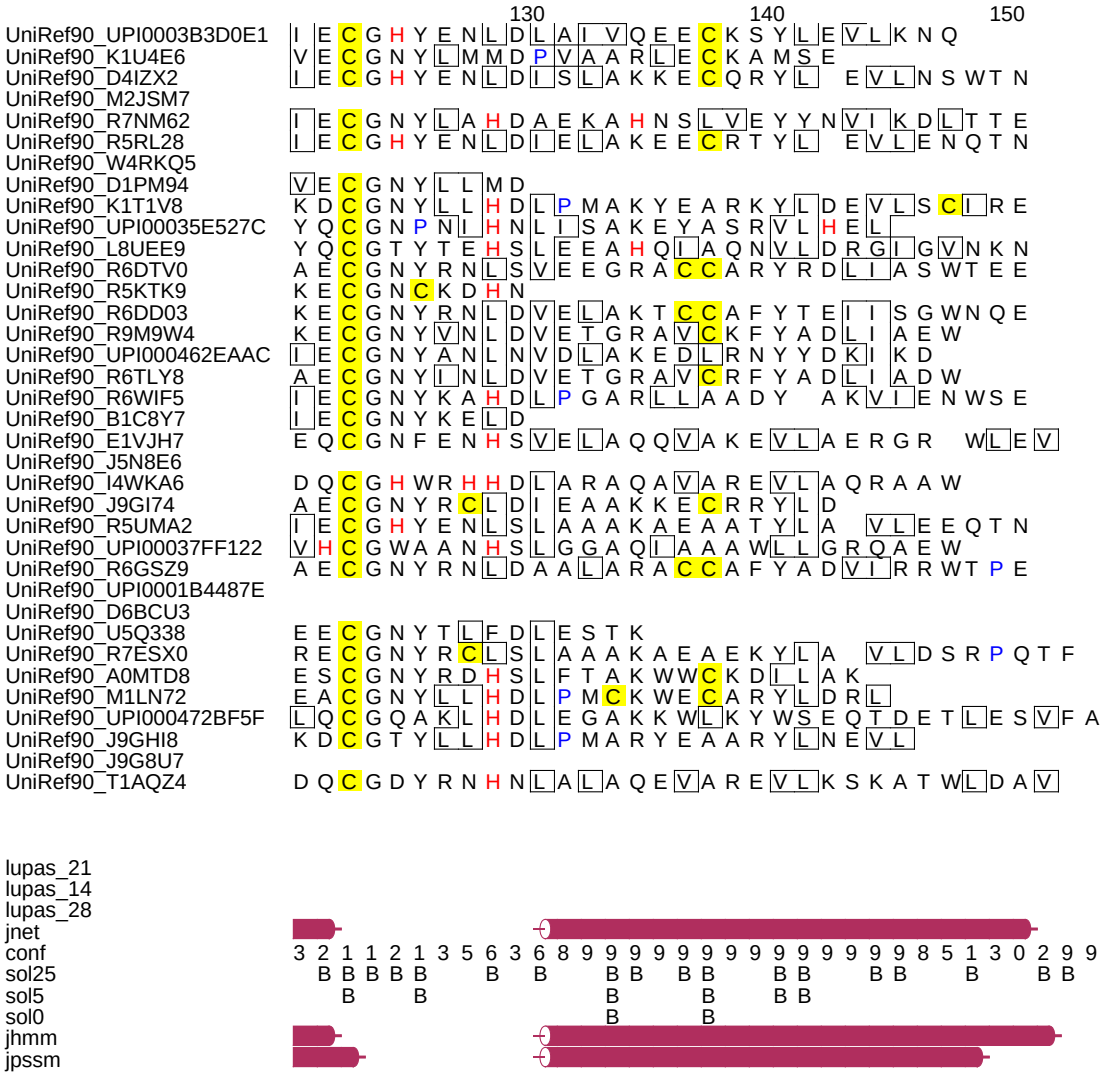

90
100
110
120
UniRef90_S0J1H1
UniRef90_UPI00040C2B2D
UniRef90_K1LMY6
UniRef90_H3NJT9
UniRef90_F5T4Y2
UniRef90_F0II28
UniRef90_R7NC68
UniRef90_C4LK83
UniRef90_I5AUH8
UniRef90_R6PKX1
UniRef90_UPI0004006D7D
UniRef90_F1T3T6
UniRef90_UPI00025555A4
UniRef90_B0S194
UniRef90_C4U7H9
UniRef90_R7BJD6
UniRef90_UPI00047E83C7
UniRef90_E4KP93
UniRef90_UPI0003B4AB49
UniRef90_N1ZMG7
UniRef90_F8EYR0
UniRef90_D0WXB6
UniRef90_B0LK05
UniRef90_O50164
UniRef90_F1TFX0
UniRef90_B5RLT8
UniRef90_R5VXZ2
UniRef90_UPI000467BAE2
UniRef90_D4M472
UniRef90_H3NCW4
UniRef90_UPI00035D9DA9
UniRef90_R7F3A8
UniRef90_R7GIA3
UniRef90_J0SP44
UniRef90_R6GNT4
UniRef90_G9RXZ7
UniRef90_B0PC34
UniRef90_R6MPS4
UniRef90_F4GI16
UniRef90_U2K6R3
UniRef90_A0A029WG43
UniRef90_E6UHP5
UniRef90_R6UMD9
UniRef90_H3NC23
UniRef90_R7H983
UniRef90_R6Z2G4
UniRef90_K0Z958
UniRef90_R6IQ76
UniRef90_U2DIU6
UniRef90_B1IJY1
UniRef90_R9LN59
UniRef90_R5FF66
UniRef90_D4LD72
UniRef90_D4L6M5
UniRef90_E6U7J1
UniRef90_R7G368
UniRef90_U5FA59
UniRef90_D0WJD9
UniRef90_A5TWR4
UniRef90_R8W1R5
UniRef90_R5YK66
UniRef90_R6BK52
UniRef90_R7FC53
UniRef90_J1H3Q3
UniRef90_UPI0004686D1F
UniRef90_R6HDC0
UniRef90_R7MKY1
UniRef90_UPI0001C36F41
UniRef90_X8IRJ8
UniRef90_R6TY31
UniRef90_R7IF88
UniRef90_D4JF43
UniRef90_R6S2H3
UniRef90_W7UX10
UniRef90_D4K4T9
UniRef90_C0E976
UniRef90_E1VBV7
UniRef90_R6MWH8
UniRef90_UPI00047CF3CA
UniRef90_R5QRA6
UniRef90_F4YRX5
UniRef90_E6MP03
UniRef90_H5SDW5
UniRef90_R6MGI1
UniRef90_R5SH66
UniRef90_R6WSR2
UniRef90_R5V594
UniRef90_R6ITR1
UniRef90_A8M183
UniRef90_R6NTW3
UniRef90_R7K8Y2
UniRef90_C4ZGC7


130
140
150
UniRef90_S0J1H1
UniRef90_UPI00040C2B2D
UniRef90_K1LMY6
UniRef90_H3NJT9
UniRef90_F5T4Y2
UniRef90_F0II28
UniRef90_R7NC68
UniRef90_C4LK83
UniRef90_I5AUH8
UniRef90_R6PKX1
UniRef90_UPI0004006D7D
UniRef90_F1T3T6
UniRef90_UPI00025555A4
UniRef90_B0S194
UniRef90_C4U7H9
UniRef90_R7BJD6
UniRef90_UPI00047E83C7
UniRef90_E4KP93
UniRef90_UPI0003B4AB49
UniRef90_N1ZMG7
UniRef90_F8EYR0
UniRef90_D0WXB6
UniRef90_B0LK05
UniRef90_O50164
UniRef90_F1TFX0
UniRef90_B5RLT8
UniRef90_R5VXZ2
UniRef90_UPI000467BAE2
UniRef90_D4M472
UniRef90_H3NCW4
UniRef90_UPI00035D9DA9
UniRef90_R7F3A8
UniRef90_R7GIA3
UniRef90_J0SP44
UniRef90_R6GNT4
UniRef90_G9RXZ7
UniRef90_B0PC34
UniRef90_R6MPS4
UniRef90_F4GI16
UniRef90_U2K6R3
UniRef90_A0A029WG43
UniRef90_E6UHP5
UniRef90_R6UMD9
UniRef90_H3NC23
UniRef90_R7H983
UniRef90_R6Z2G4
UniRef90_K0Z958
UniRef90_R6IQ76
UniRef90_U2DIU6
UniRef90_B1IJY1
UniRef90_R9LN59
UniRef90_R5FF66
UniRef90_D4LD72
UniRef90_D4L6M5
UniRef90_E6U7J1
UniRef90_R7G368
UniRef90_U5FA59
UniRef90_D0WJD9
UniRef90_A5TWR4
UniRef90_R8W1R5
UniRef90_R5YK66
UniRef90_R6BK52
UniRef90_R7FC53
UniRef90_J1H3Q3
UniRef90_UPI0004686D1F
UniRef90_R6HDC0
UniRef90_R7MKY1
UniRef90_UPI0001C36F41
UniRef90_X8IRJ8
UniRef90_R6TY31
UniRef90_R7IF88
UniRef90_D4JF43
UniRef90_R6S2H3
UniRef90_W7UX10
UniRef90_D4K4T9
UniRef90_C0E976
UniRef90_E1VBV7
UniRef90_R6MWH8
UniRef90_UPI00047CF3CA
UniRef90_R5QRA6
UniRef90_F4YRX5
UniRef90_E6MP03
UniRef90_H5SDW5
UniRef90_R6MGI1
UniRef90_R5SH66
UniRef90_R6WSR2
UniRef90_R5V594
UniRef90_R6ITR1
UniRef90_A8M183
UniRef90_R6NTW3
UniRef90_R7K8Y2
UniRef90_C4ZGC7


1 10 20 30 40
UniRef90_UPI0003B3D0E1
UniRef90_K1U4E6
UniRef90_D4IZX2
UniRef90_M2JSM7
UniRef90_R7NM62
UniRef90_R5RL28
UniRef90_W4RKQ5
UniRef90_D1PM94
UniRef90_K1T1V8
UniRef90_UPI00035E527C
UniRef90_L8UEE9
UniRef90_R6DTV0
UniRef90_R5KTK9
UniRef90_R6DD03
UniRef90_R9M9W4
UniRef90_UPI000462EAAC
UniRef90_R6TLY8
UniRef90_R6WIF5
UniRef90_B1C8Y7
UniRef90_E1VJH7
UniRef90_J5N8E6
UniRef90_I4WKA6
UniRef90_J9GI74
UniRef90_R5UMA2
UniRef90_UPI00037FF122
UniRef90_R6GSZ9
UniRef90_UPI0001B4487E
UniRef90_D6BCU3
UniRef90_U5Q338
UniRef90_R7ESX0
UniRef90_A0MTD8
UniRef90_M1LN72
UniRef90_UPI000472BF5F
UniRef90_J9GHI8
UniRef90_J9G8U7
UniRef90_T1AQZ4
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


50
60
70
80
UniRef90_UPI0003B3D0E1
UniRef90_K1U4E6
UniRef90_D4IZX2
UniRef90_M2JSM7
UniRef90_R7NM62
UniRef90_R5RL28
UniRef90_W4RKQ5
UniRef90_D1PM94
UniRef90_K1T1V8
UniRef90_UPI00035E527C
UniRef90_L8UEE9
UniRef90_R6DTV0
UniRef90_R5KTK9
UniRef90_R6DD03
UniRef90_R9M9W4
UniRef90_UPI000462EAAC
UniRef90_R6TLY8
UniRef90_R6WIF5
UniRef90_B1C8Y7
UniRef90_E1VJH7
UniRef90_J5N8E6
UniRef90_I4WKA6
UniRef90_J9GI74
UniRef90_R5UMA2
UniRef90_UPI00037FF122
UniRef90_R6GSZ9
UniRef90_UPI0001B4487E
UniRef90_D6BCU3
UniRef90_U5Q338
UniRef90_R7ESX0
UniRef90_A0MTD8
UniRef90_M1LN72
UniRef90_UPI000472BF5F
UniRef90_J9GHI8
UniRef90_J9G8U7
UniRef90_T1AQZ4
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


90
100
110
120
UniRef90_UPI0003B3D0E1
UniRef90_K1U4E6
UniRef90_D4IZX2
UniRef90_M2JSM7
UniRef90_R7NM62
UniRef90_R5RL28
UniRef90_W4RKQ5
UniRef90_D1PM94
UniRef90_K1T1V8
UniRef90_UPI00035E527C
UniRef90_L8UEE9
UniRef90_R6DTV0
UniRef90_R5KTK9
UniRef90_R6DD03
UniRef90_R9M9W4
UniRef90_UPI000462EAAC
UniRef90_R6TLY8
UniRef90_R6WIF5
UniRef90_B1C8Y7
UniRef90_E1VJH7
UniRef90_J5N8E6
UniRef90_I4WKA6
UniRef90_J9GI74
UniRef90_R5UMA2
UniRef90_UPI00037FF122
UniRef90_R6GSZ9
UniRef90_UPI0001B4487E
UniRef90_D6BCU3
UniRef90_U5Q338
UniRef90_R7ESX0
UniRef90_A0MTD8
UniRef90_M1LN72
UniRef90_UPI000472BF5F
UniRef90_J9GHI8
UniRef90_J9G8U7
UniRef90_T1AQZ4
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


130
140
150
UniRef90_UPI0003B3D0E1
UniRef90_K1U4E6
UniRef90_D4IZX2
UniRef90_M2JSM7
UniRef90_R7NM62
UniRef90_R5RL28
UniRef90_W4RKQ5
UniRef90_D1PM94
UniRef90_K1T1V8
UniRef90_UPI00035E527C
UniRef90_L8UEE9
UniRef90_R6DTV0
UniRef90_R5KTK9
UniRef90_R6DD03
UniRef90_R9M9W4
UniRef90_UPI000462EAAC
UniRef90_R6TLY8
UniRef90_R6WIF5
UniRef90_B1C8Y7
UniRef90_E1VJH7
UniRef90_J5N8E6
UniRef90_I4WKA6
UniRef90_J9GI74
UniRef90_R5UMA2
UniRef90_UPI00037FF122
UniRef90_R6GSZ9
UniRef90_UPI0001B4487E
UniRef90_D6BCU3
UniRef90_U5Q338
UniRef90_R7ESX0
UniRef90_A0MTD8
UniRef90_M1LN72
UniRef90_UPI000472BF5F
UniRef90_J9GHI8
UniRef90_J9G8U7
UniRef90_T1AQZ4
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm