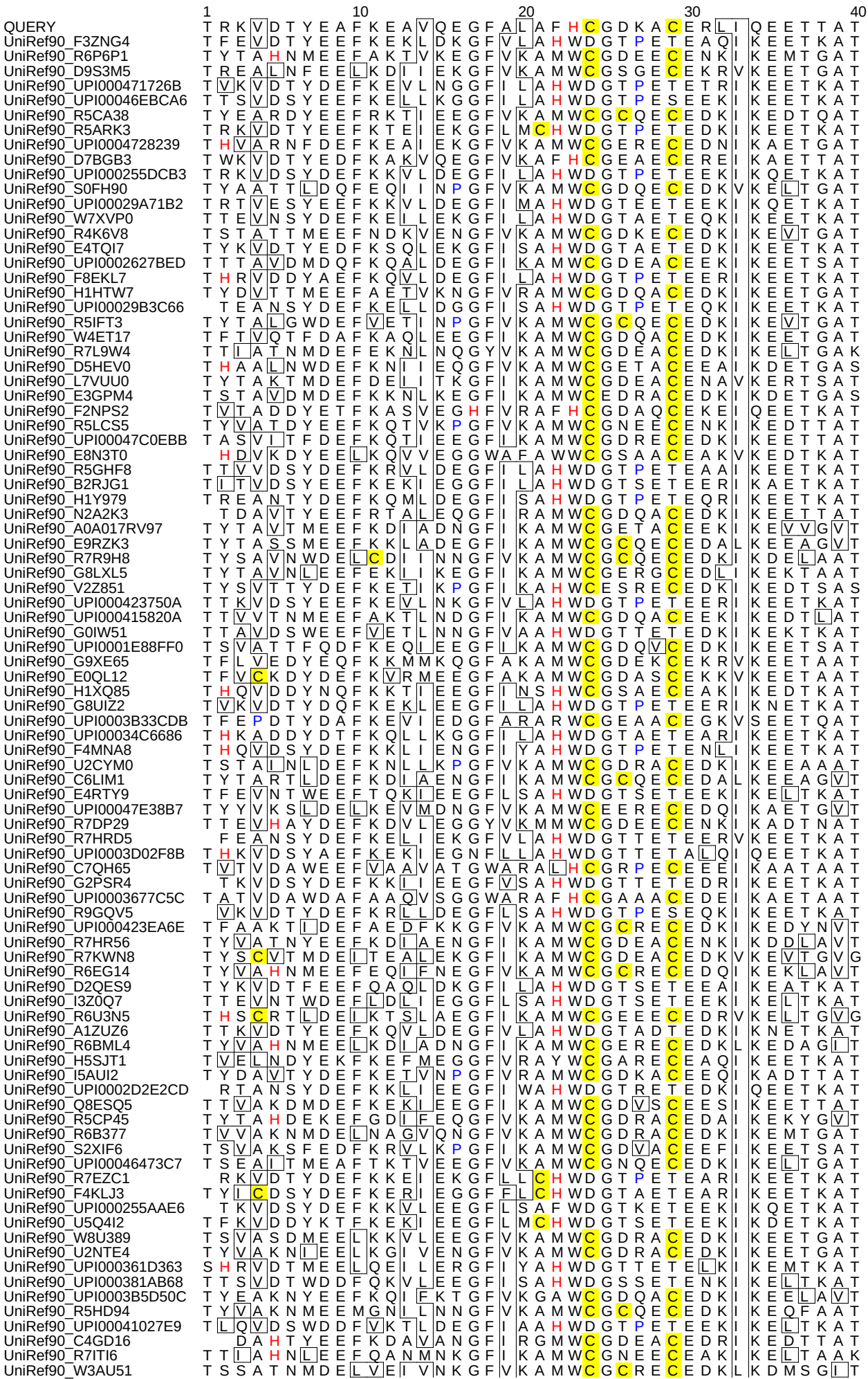
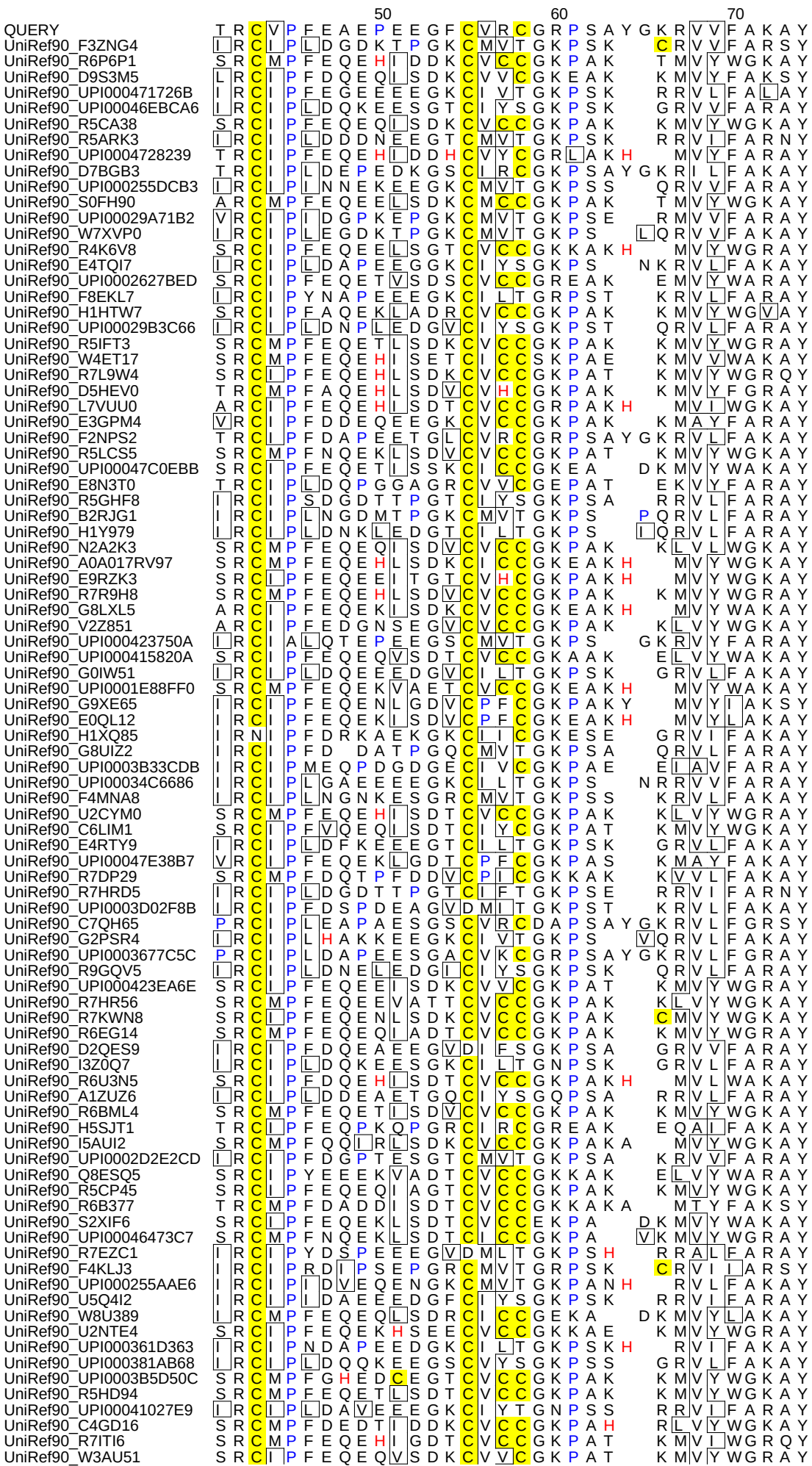
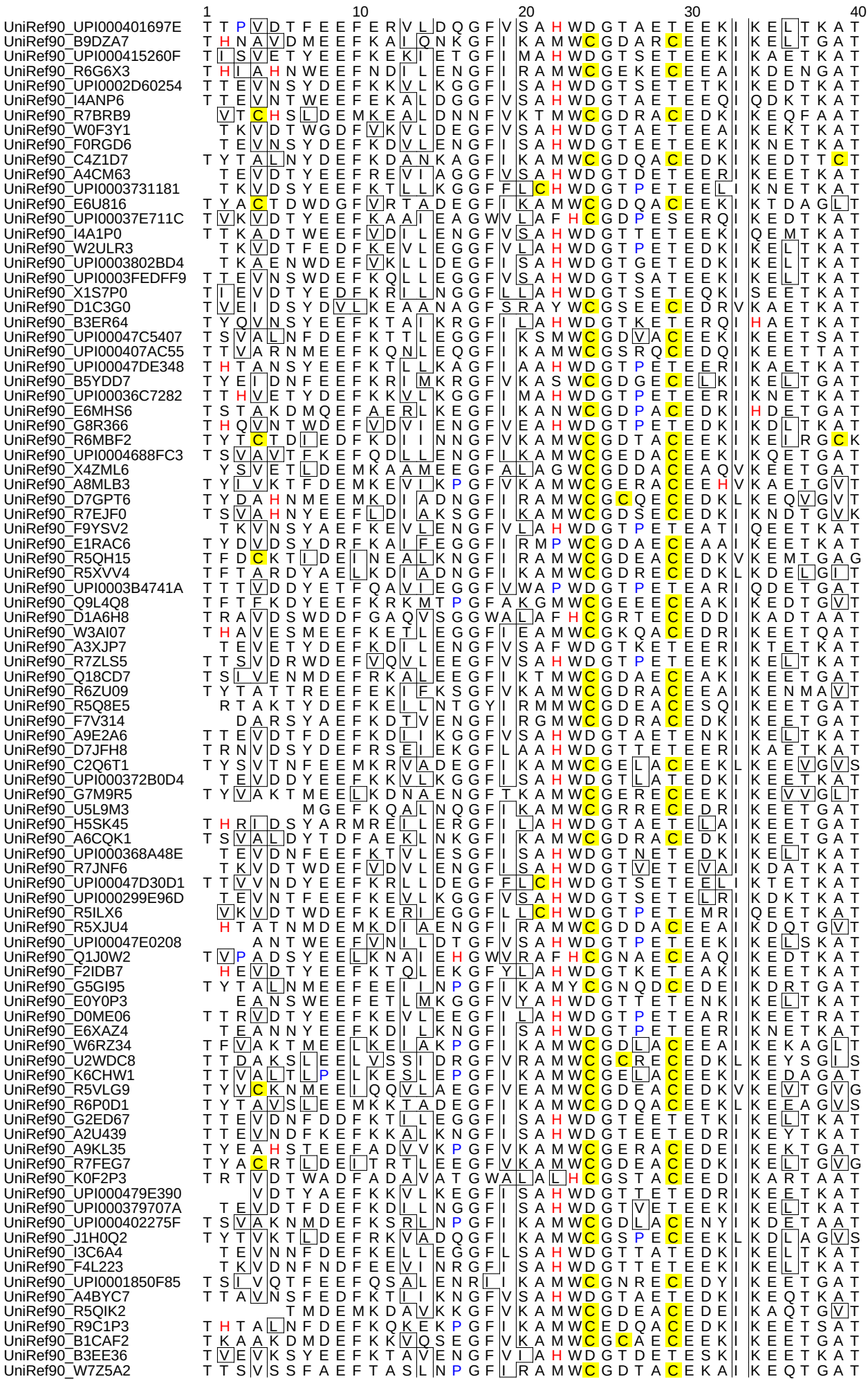
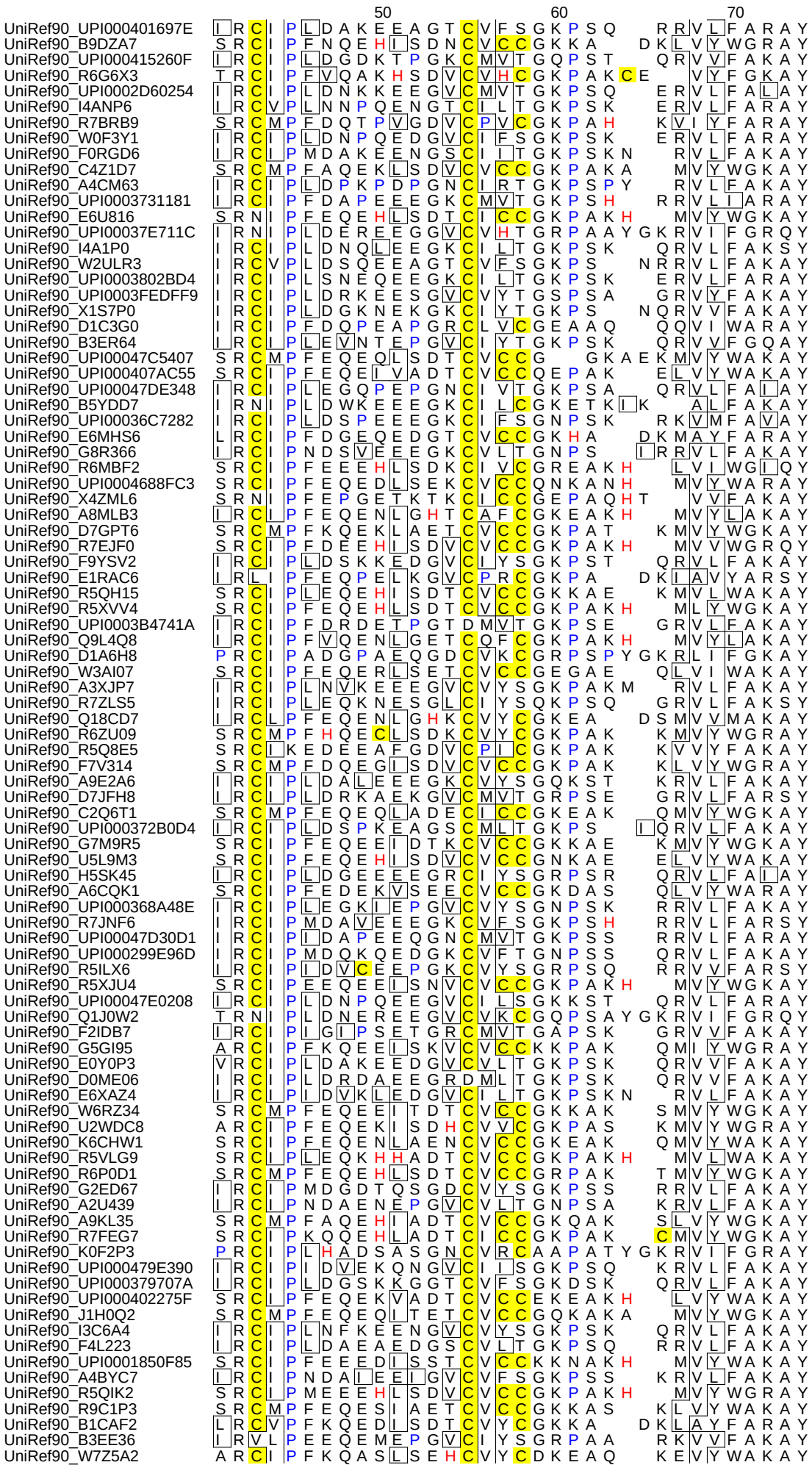
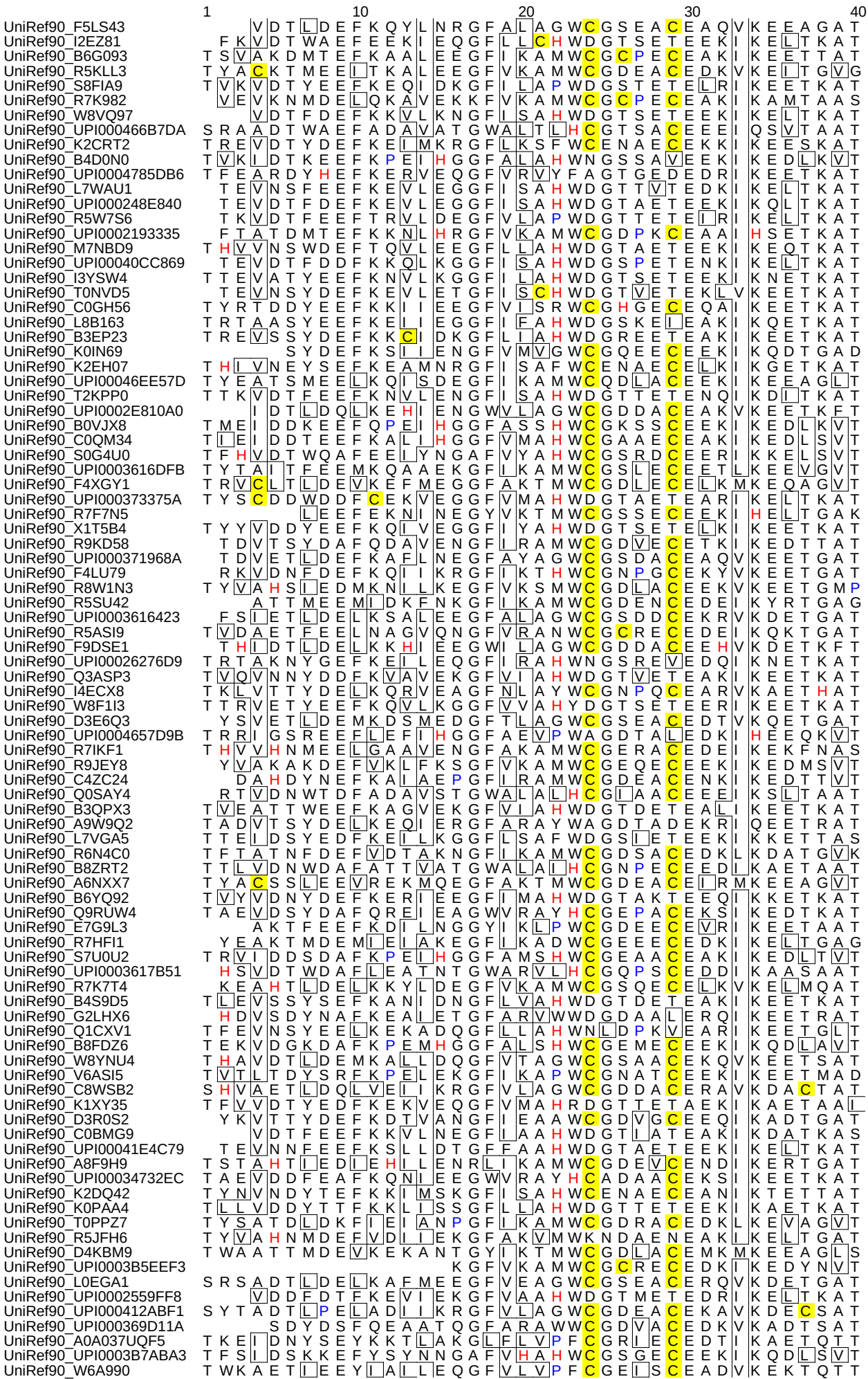
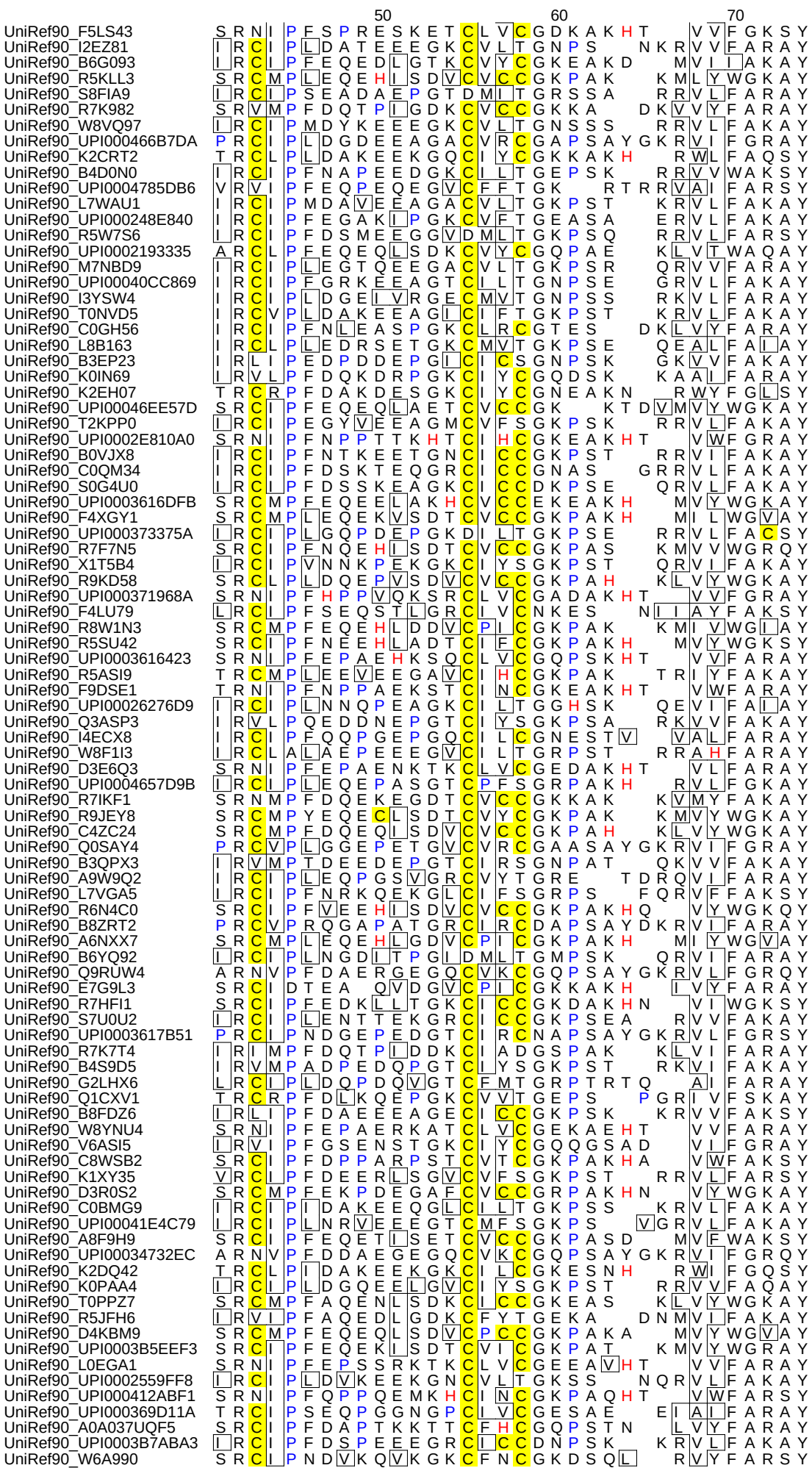

1 10 20 30 40
QUERY T R K V D T Y E A F K E A V Q E G F A L A F H C G D K A C E R L I Q E E T T A T
UniRef90_F3ZNG4 T F E V D T Y E E F K E K L D K G F V L A H W D G T P E T E A Q I K E E T K A T
UniRef90_R6P6P1 T Y T A H N M E E F A K T V K E G F V K A M W C G D E E C E N K I K E M T G A T
UniRef90_D9S3M5 T R E A L N F E E L K D I I E K G F V K A M W C G S G E C E K R V K E E T G A T
UniRef90_UPI000471726B T V K V D T Y D E F K E V L N G G F I L A H W D G T P E T E T R I K E E T K A T
UniRef90_UPI00046EBCA6 T T S V D S Y E E F K E L L K G G F I L A H W D G T P E S E E K I K E E T K A T
UniRef90_R5CA38 T Y E A R D Y E E F R K T I E E G F V K A M W C G C Q E C E D K I K E D T Q A T
UniRef90_R5ARK3 T R K V D T Y E E F K T E I E K G F L M C H W D G T P E T E D K I K E E T K A T
UniRef90_UPI0004728239 T H V A R N F D E F K E A I E K G F V K A M W C G E R E C E D N I K A E T G A T
UniRef90_D7BGB3 T W K V D T Y E D F K A K V Q E G F V K A F H C G E A E C E R E I K A E T T A T
UniRef90_UPI000255DCB3 T R K V D S Y D E F K K V L D E G F I L A H W D G T P E T E E K I K Q E T K A T
UniRef90_S0FH90 T Y A A T T L D Q F E Q I I N P G F V K A M W C G D Q E C E D K V K E L T G A T
UniRef90_UPI00029A71B2 T R T V E S Y E E F K K V L D E G F I M A H W D G T E E T E E K I K Q E T K A T
UniRef90_W7XVP0 T T E V N S Y D E F K E I L E K G F I L A H W D G T A E T E Q K I K E E T K A T
UniRef90_R4K6V8 T S T A T T M E E F N D K V E N G F V K A M W C G D K E C E D K I K E V T G A T
UniRef90_E4TQI7 T Y K V D T Y E D F K S Q L E K G F I S A H W D G T A E T E D K I K E E T K A T
UniRef90_UPI0002627BED T T T A V D M D Q F K Q A L D E G F I K A M W C G D E A C E E K I K E E T S A T
UniRef90_F8EKL7 T H R V D D Y A E F K Q V L D E G F I L A H W D G T P E T E E R I K E E T K A T
UniRef90_H1HTW7 T Y D V T T M E E F A E T V K N G F V R A M W C G D Q A C E D K I K E E T G A T
UniRef90_UPI00029B3C66 T E A N S Y D E F K E L L D G G F I S A H W D G T P E T E Q K I K E E T K A T
UniRef90_R5IFT3 T Y T A L G W D E F V E T I N P G F V K A M W C G C Q E C E D K I K E V T G A T
UniRef90_W4ET17 T F T V Q T F D A F K A Q L E E G F I K A M W C G D Q A C E D K I K E E T G A T
UniRef90_R7L9W4 T T I A T N M D E F E K N L N Q G Y V K A M W C G D E A C E D K I K E L T G A K
UniRef90_D5HEV0 T H A A L N W D E F K N I I E Q G F V K A M W C G E T A C E E A I K D E T G A S
UniRef90_L7VUU0 T Y T A K T M D E F D E I I T K G F I K A M W C G D E A C E N A V K E R T S A T
UniRef90_E3GPM4 T S T A V D M D E F K K N L K E G F I K A M W C E D R A C E D K I K D E T G A S
UniRef90_F2NPS2 T V T A D D Y E T F K A S V E G H F V R A F H C G D A Q C E K E I Q E E T K A T
UniRef90_R5LCS5 T Y V A T D Y E E F K Q T V K P G F V K A M W C G N E E C E N K I K E D T T A T
UniRef90_UPI00047C0EBB T A S V I T F D E F K Q T I E E G F I K A M W C G D R E C E D K I K E E T T A T
UniRef90_E8N3T0 H D V K D Y E E L K Q V V E G G W A F A W W C G S A A C E A K V K E D T K A T
UniRef90_R5GHF8 T T V V D S Y D E F K R V L D E G F I L A H W D G T P E T E A A I K E E T K A T
UniRef90_B2RJG1 T I T V D S Y E E F K E K I E G G F I L A H W D G T S E T E E R I K A E T K A T
UniRef90_H1Y979 T R E A N T Y D E F K Q M L D E G F I S A H W D G T P E T E Q R I K E E T K A T
UniRef90_N2A2K3 T D A V T Y E E F R T A L E Q G F I R A M W C G D Q A C E D K I K E E T T A T
UniRef90_A0A017RV97 T Y T A V T M E E F K D I A D N G F I K A M W C G E T A C E E K I K E V V G V T
UniRef90_E9RZK3 T Y T A S S M E E F K K L A D E G F I K A M W C G C Q E C E D A L K E E A G V T
UniRef90_R7R9H8 T Y S A V N W D E L C D I I N N G F V K A M W C G C Q E C E D K I K D E L A A T
UniRef90_G8LXL5 T Y T A V N L E E F E K I I K E G F I K A M W C G E R G C E D L I K E K T A A T
UniRef90_V2Z851 T Y S V T T Y D E F K E T I K P G F I K A H W C E S R E C E D K I K E D T S A S
UniRef90_UPI000423750A T T K V D S Y E E F K E V L N K G F V L A H W D G T P E T E E R I K E E T K A T
UniRef90_UPI000415820A T T V V T N M E E F A K T L N D G F I K A M W C G D Q A C E E K I K E D T L A T
UniRef90_G0IW51 T T A V D S W E E F V E T L N N G F V A A H W D G T T E T E D K I K E K T K A T
UniRef90_UPI0001E88FF0 T S V A T T F Q D F K E Q I E E G F I K A M W C G D Q V C E D K I K E E T S A T
UniRef90_G9XE65 T F L V E D Y E Q F K K M M K Q G E F A K A M W C G D E K C E K R V K E E T A A T
UniRef90_E0QL12 T F V C K D Y D E F K V R M E E G F A K A M W C G D A S C E K K V K E E T A A T
UniRef90_H1XQ85 T H Q V D D Y N Q F K K T I E E G F I N S H W C G S A E C E A K I K E D T K A T
UniRef90_G8UIZ2 T V K V D T Y D Q F K E K L E E G F I L A H W D G T P E T E E R I K N E T K A T
UniRef90_UPI0003B33CDB T F E P D T Y D A F K E V I E D G F A R A R W C G E A A C E G K V S E E T Q A T
UniRef90_UPI00034C6686 T H K A D D Y D T F K Q L L K G G F I L A H W D G T A E T E A R I K E E T K A T
UniRef90_F4MNA8 T H Q V D S Y D E F K K L I E N G F I Y A H W D G T P E T E N L I K E E T K A T
UniRef90_U2CYM0 T S T A I N L D E F K N L L K P G F V K A M W C G D R A C E D K I K E E A A A T
UniRef90_C6LIM1 T Y T A R T L D E F K D I A E N G F I K A M W C G C Q E C E D A L K E E A G V T
UniRef90_E4RTY9 T F E V N T W E E F T Q K I E E G F L S A H W D G T S E T E E K I K E L T K A T
UniRef90_UPI00047E38B7 T Y Y V K S L D E L K E V M D N G F V K A M W C E E R E C E D Q I K A E T G V T
UniRef90_R7DP29 T T E V H A Y D E F K D V L E G G Y V K M M W C G D E E C E N K I K A D T N A T
UniRef90_R7HRD5 F E A N S Y D E F K E L I E K G F V L A H W D G T T E T E E R V K E E T K A T
UniRef90_UPI0003D02F8B T H K V D S Y A E F K E K I E G N F L L A H W D G T T E T A L Q I Q E E T K A T
UniRef90_C7QH65 T V T V D A W E E F V A A V A T G W A R A L H C G R P E C E E E I K A A T A A T
UniRef90_G2PSR4 T K V D S Y D E F K K I I E E G F V S A H W D G T T E T E D R I K E E T K A T
UniRef90_UPI0003677C5C T A T V D A W D A F A A Q V S G G W A R A F H C G A A A C E D E I K A E T A A T
UniRef90_R9GQV5 V K V D T Y D E F K R L L D E G F L S A H W D G T P E S E Q K I K E E T K A T
UniRef90_UPI000423EA6E T F A A K T I D E F A E D F K K G F V K A M W C G C R E C E D K I K E D Y N V T
UniRef90_R7HR56 T Y V A T N Y E E F K D I A E N G F I K A M W C G D E A C E N K I K D D L A V T
UniRef90_R7KWN8 T Y S C V T M D E I T E A L E K G F I K A M W C G D E A C E D K V K E V T G V G
UniRef90_R6EG14 T Y V A H N M E E F E Q I F N E G F V K A M W C G C R E C E D Q I K E K L A V T
UniRef90_D2QES9 T Y K V D T F E E F Q A Q L D K G F I L A H W D G T S E T E E A I K E A T K A T
UniRef90_I3Z0Q7 T T E V N T W D E F L D L I E G G F L S A H W D G T S E T E E K I K E L T K A T
UniRef90_R6U3N5 T H S C R T L D E I K T S L A E G F I K A M W C G E E E C E D R V K E L T G V G
UniRef90_A1ZUZ6 T T K V D T Y E E F K Q V L D E G F V L A H W D G T A D T E D K I K N E T K A T
UniRef90_R6BML4 T Y V A H N M E E L K D I A D N G F I K A M W C G E R E C E D K L K E D A G I T
UniRef90_H5SJT1 T V E L N D Y E K F K E F M E G G F V R A Y W C G A R E C E A Q I K E E T K A T
UniRef90_I5AUI2 T Y D A V T Y D E F K E T V N P G F V R A M W C G D K A C E E Q I K A D T T A T
UniRef90_UPI0002D2E2CD R T A N S Y D E F K K L I E E G F I W A H W D G T R E T E D K I Q E E T K A T
UniRef90_Q8ESQ5 T T V A K D M D E F K E K I E E G F I K A M W C G D V S C E E S I K E E T T A T
UniRef90_R5CP45 T Y T A H D E K E F G D I F E Q G F V K A M W C G D R A C E D A I K E K Y G V T
UniRef90_R6B377 T V V A K N M D E L N A G V Q N G F V K A M W C G D R A C E D K I K E M T G A T
UniRef90_S2XIF6 T S V A K S F E D F K R V L K P G F I K A M W C G D V A C E E F I K E E T S A T
UniRef90_UPI00046473C7 T S E A I T M E A F T K T V E E G F V K A M W C G N Q E C E D K I K E L T G A T
UniRef90_R7EZC1 R K V D T Y D E F K K E I E K G F L L C H W D G T P E T E A R I K E E T K A T
UniRef90_F4KLJ3 T Y I C D S Y D E F K E R I E G G F F L C H W D G T A E T E A R I K E E T K A T
UniRef90_UPI000255AAE6 T K V D S Y D E F K K V L E E G F L S A F W D G T K E T E E K I K Q E T K A T
UniRef90_U5Q4I2 T F K V D D Y K T F K E K I E E G F L M C H W D G T S E T E E K I K D E T K A T
UniRef90_W8U389 T S V A S D M E E L K K V L E E G F V K A M W C G D R A C E D K I K E E T G A T
UniRef90_U2NTE4 T Y V A K N I E E L K G I V E N G F V K A M W C G D R A C E D K I K E E T G A T
UniRef90_UPI000361D363 S H R V D T M E E L Q E I L E R G F I Y A H W D G T T E T E L K I K E M T K A T
UniRef90_UPI000381AB68 T T S V D T W D D F Q K V L E E G F I S A H W D G S S E T E N K I K E L T K A T
UniRef90_UPI0003B5D50C T Y E A K N Y E E F K Q I F K T G F V K G A W C G D Q A C E D K I K E E L A V T
UniRef90_R5HD94 T Y V A K N M E E M G N I L N N G F V K A M W C G C Q E C E D K I K E Q F A A T
UniRef90_UPI00041027E9 T L Q V D S W D D F V K T L D E G F I A A H W D G T P E T E E K I K E L T K A T
UniRef90_C4GD16 D A H T Y E E F K D A V A N G F I R G M W C G D E A C E D R I K E D T A T
UniRef90_R7ITI6 T T I A H N L E E F Q A N M N K G F I K A M W C G N E E C E A K I K E L T A A K
UniRef90_W3AU51 T S S A T N M D E L V E I V N K G F V K A M W C G C R E C E D K L K D M S G I T

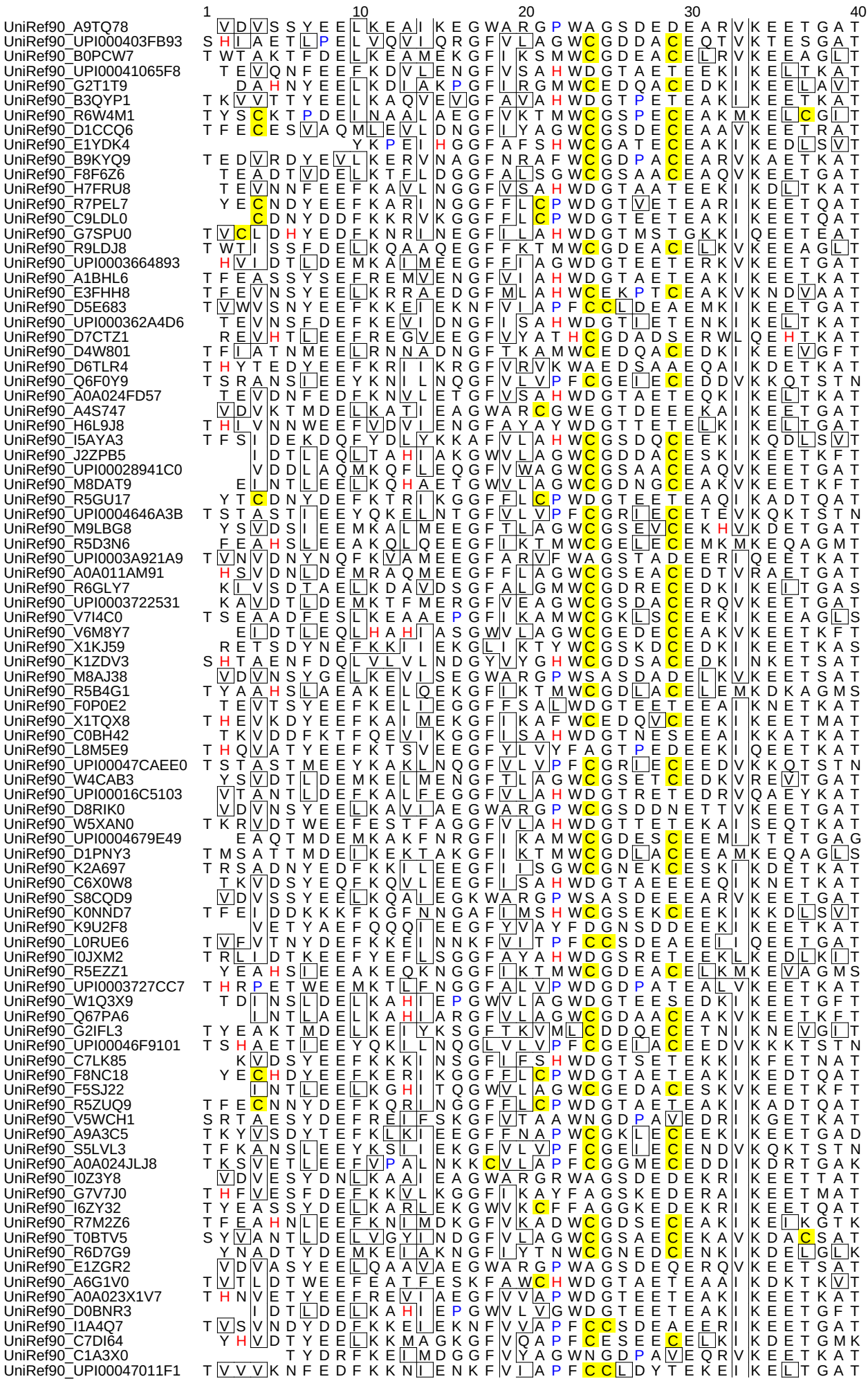

50
60
70
QUERY T R C V P F E A E P E E G F C V R C G R P S A Y G K R V V F A K A Y
UniRef90_F3ZNG4 I R C I P L D G D K T P G K C M V T G K P S K C R V V F A R S Y
UniRef90_R6P6P1 S R C M P F E Q E H I D D K C V C C G K P A K T M V Y W G K A Y
UniRef90_D9S3M5 L R C I P F D Q E Q I S D K C V V C G K E A K K M V Y F A K S Y
UniRef90_UPI000471726B I R C I P F E G E E E E G K C I V T G K P S K R R V L F A L A Y
UniRef90_UPI00046EBCA6 I R C I P L D Q K E E S G T C I Y S G K P S K G R V V F A R A Y
UniRef90_R5CA38 S R C I P F E Q E Q I S D K C V C C G K P A K K M V Y W G K A Y
UniRef90_R5ARK3 I R C I P L D D D N E E G T C M V T G K P S K R R V I F A R N Y
UniRef90_UPI0004728239 T R C I P F E Q E H I D D H C V Y C G R L A K H M V Y F A R A Y
UniRef90_D7BGB3 T R C I P L D E P E D K G S C I R C G K P S A Y G K R I L F A K A Y
UniRef90_UPI000255DCB3 I R C I P I N N E K E E G K C M V T G K P S S Q R V V F A R A Y
UniRef90_S0FH90 A R C M P F E Q E E L S D K C M C C G K P A K T M V Y W G K A Y
UniRef90_UPI00029A71B2 V R C I P I D G P K E P G K C M V T G K P S E R M V V F A R A Y
UniRef90_W7XVP0 I R C I P L E G D K T P G K C M V T G K P S L Q R V V F A K A Y
UniRef90_R4K6V8 S R C I P F E Q E E L S G T C V C C G K K A K H M V Y W G R A Y
UniRef90_E4TQI7 I R C I P L D A P E E G G K C I Y S G K P S N K R V L F A K A Y
UniRef90_UPI0002627BED S R C I P F E Q E T V S D S C V C C G R E A K E M V Y W A R A Y
UniRef90_F8EKL7 I R C I P Y N A P E E E G K C I L T G R P S T K R V L F A R A Y
UniRef90_H1HTW7 S R C I P F A Q E K L A D R C V C C G K P A K K M V Y W G V A Y
UniRef90_UPI00029B3C66 I R C I P L D N P L E D G V C I Y S G K P S T Q R V L F A R A Y
UniRef90_R5IFT3 S R C M P F E Q E T L S D K C V C C G K P A K K M V Y W G R A Y
UniRef90_W4ET17 S R C M P F E Q E H I S E T C I C C S K P A E K M V V W A K A Y
UniRef90_R7L9W4 S R C I P F E Q E H L S D K C V C C G K P A T K M V Y W G R Q Y
UniRef90_D5HEV0 T R C M P F A Q E H L S D V C V H C G K P A K K M V Y F G R A Y
UniRef90_L7VUU0 A R C I P F E Q E H I S D T C V C C G R P A K H M V I W G K A Y
UniRef90_E3GPM4 V R C I P F D D E Q E E G K C V C C G K P A K K M A Y F A R A Y
UniRef90_F2NPS2 T R C I P F D A P E E T G L C V R C G R P S A Y G K R V L F A K A Y
UniRef90_R5LCS5 S R C M P F N Q E K L S D V C V C C G K P A T K M V Y W G K A Y
UniRef90_UPI00047C0EBB S R C I P F E Q E T I S S K C I C C G K E A D K M V Y W A K A Y
UniRef90_E8N3T0 T R C I P L D Q P G G A G R C V V C G E P A T E K V Y F A R A Y
UniRef90_R5GHF8 I R C I P S D G D T T P G T C I Y S G K P S A R R V L F A R A Y
UniRef90_B2RJG1 I R C I P L N G D M T P G K C M V T G K P S P Q R V L F A R A Y
UniRef90_H1Y979 I R C I P L D N K L E D G T C I L T G K P S I Q R V L F A R A Y
UniRef90_N2A2K3 S R C M P F E Q E Q I S D V C V C C G K P A K K L V L W G K A Y
UniRef90_A0A017RV97 S R C M P F E Q E H L S D K C I C C G K E A K H M V Y W G K A Y
UniRef90_E9RZK3 S R C I P F E Q E E I T G T C V H C G K P A K H M V Y W G K A Y
UniRef90_R7R9H8 S R C M P F E Q E H L S D V C V C C G K P A K K M V Y W G R A Y
UniRef90_G8LXL5 A R C I P F E Q E K I S D K C V C C G K E A K H M V Y W A K A Y
UniRef90_V2Z851 A R C I P F E D G N S E G V C V C C G K P A K K L V Y W G K A Y
UniRef90_UPI000423750A I R C I A L Q T E P E E G S C M V T G K P S G K R V Y F A R A Y
UniRef90_UPI000415820A S R C I P F E Q E Q V S D T C V C C G K A A K E L V Y W A K A Y
UniRef90_G0IW51 I R C I P L D Q E E E D G V C I L T G K P S K G R V L F A K A Y
UniRef90_UPI0001E88FF0 S R C M P F E Q E K V A E T C V C C G K E A K H M V Y W A K A Y
UniRef90_G9XE65 I R C I P F E Q E N L G D V C P F C G K P A K Y M V Y I A K S Y
UniRef90_E0QL12 I R C I P F E Q E K I S D V C P F C G K E A K H M V Y L A K A Y
UniRef90_H1XQ85 I R N I P F D R K A E K G K C I I C G K E S E G R V I F A K A Y
UniRef90_G8UIZ2 I R C I P F D D A T P G Q C M V T G K P S A Q R V L F A R A Y
UniRef90_UPI0003B33CDB I R C I P M E Q P D G D G E C I V C G K P A E E I A V F A R A Y
UniRef90_UPI00034C6686 I R C I P L G A E E E E G K C I L T G K P S N R R V V F A R A Y
UniRef90_F4MNA8 I R C I P L N G N K E S G R C M V T G K P S S K R V L F A K A Y
UniRef90_U2CYM0 S R C M P F E Q E H I S D T C V C C G K P A K K L V Y W G R A Y
UniRef90_C6LIM1 S R C I P F V Q E Q I S D T C I Y C G K P A T K M V Y W G K A Y
UniRef90_E4RTY9 I R C I P L D F K E E G T C I L T G K P S K G R V L F A K A Y
UniRef90_UPI00047E38B7 V R C I P F E Q E K L G D T C P F C G K P A S K M A Y F A K A Y
UniRef90_R7DP29 S R C M P F D Q T P F D D V C P I C G K K A K K V V L F A K A Y
UniRef90_R7HRD5 I R C I P L D G D T T P G T C I F T G K P S E R R V I F A R N Y
UniRef90_UPI0003D02F8B I R C I P F D S P D E A G V D M I T G K P S T K R V L F A K A Y
UniRef90_C7QH65 P R C I P L E A P A E S G S C V R C D A P S A Y G K R V L F G R S Y
UniRef90_G2PSR4 I R C I P L H A K K E E G K C I V T G K P S V Q R V L F A K A Y
UniRef90_UPI0003677C5C P R C I P L D A P E E S G A C V K C G R P S A Y G K R V L F G R A Y
UniRef90_R9GQV5 I R C I P L D N E L E D G I C I Y S G K P S K Q R V L F A R A Y
UniRef90_UPI000423EA6E S R C I P F E Q E E I S D K C V V C G K P A T K M V Y W G R A Y
UniRef90_R7HR56 S R C M P F E Q E E V A T T C V C C G K P A K K L V Y W G K A Y
UniRef90_R7KWN8 S R C I P F E Q E N L S D K C V C C G K P A K C M V Y W G K A Y
UniRef90_R6EG14 S R C M P F E Q E Q I A D T C V C C G K P A K K M V Y W G R A Y
UniRef90_D2QES9 I R C I P F D Q E A E E G V D I F S G K P S A G R V V F A R A Y
UniRef90_I3Z0Q7 I R C I P L D Q K E E S G K C I L T G N P S K G R V L F A R A Y
UniRef90_R6U3N5 S R C I P F D Q E H I S D T C V C C G K P A K H M V L W A K A Y
UniRef90_A1ZUZ6 I R C I P L D D E A E T G Q C I Y S G Q P S A R R V L F A R A Y
UniRef90_R6BML4 S R C M P F E Q E T I S D V C V C C G K P A K K M V Y W G K A Y
UniRef90_H5SJT1 T R C I P F E Q P K Q P G R C I R C G R E A K E Q A I F A K A Y
UniRef90_I5AUI2 S R C M P F Q Q I R L S D K C V C C G K P A K A M V Y W G K A Y
UniRef90_UPI0002D2E2CD I R C I P F D G P T E S G T C M V T G K P S A K R V V F A R A Y
UniRef90_Q8ESQ5 S R C I P Y E E E K V A D T C V C C G K K A K E L V Y W A R A Y
UniRef90_R5CP45 S R C I P F E Q E Q I A G T C V C C G K P A K K M V Y W G K A Y
UniRef90_R6B377 T R C M P F D A D D I S D T C V C C G K K A K A M T Y F A K S Y
UniRef90_S2XIF6 S R C I P F E Q E K L S D T C V C C E K P A D K M V Y W A K A Y
UniRef90_UPI00046473C7 S R C M P F N Q E K L S D T C I C C G K P A V K M V Y W G R A Y
UniRef90_R7EZC1 I R C I P Y D S P E E E G V D M L T G K P S H R R A L F A R A Y
UniRef90_F4KLJ3 I R C I P R D I P S E P G R C M V T G R P S K C R V I I A R S Y
UniRef90_UPI000255AAE6 I R C I P I D V E Q E N G K C M V T G K P A N H R V L F A K A Y
UniRef90_U5Q4I2 I R C I P I D A E E E D G F C I Y S G K P S K R R V I F A R A Y
UniRef90_W8U389 I R C M P F E Q E Q L S D R C I C C G E K A D K M V Y L A K A Y
UniRef90_U2NTE4 S R C I P F E Q E K H S E E C V C C G K K A E K M V Y W G R A Y
UniRef90_UPI000361D363 I R C I P N D A P E E D G K C I L T G K P S K H R V I F A K A Y
UniRef90_UPI000381AB68 I R C I P L D Q Q K E E G S C V Y S G K P S S G R V L F A K A Y
UniRef90_UPI0003B5D50C S R C M P F G H E D C E G T C V C C G K P A K K M V Y W G K A Y
UniRef90_R5HD94 S R C M P F E Q E T L S D T C V C C G K P A K K M V Y W G K A Y
UniRef90_UPI00041027E9 I R C I P L D A V E E E G K C I Y T G N P S S R R V I F A R A Y
UniRef90_C4GD16 S R C M P F D E D T I I D D K C V C C G K P A H R L V Y W G K A Y
UniRef90_R7ITI6 S R C M P F E Q E H I G D T C V C C G K P A T K M V I W G R Q Y
UniRef90_W3AU51 S R C I P F E Q E Q V S D K C V V C G K P A T K M V Y W G R A Y

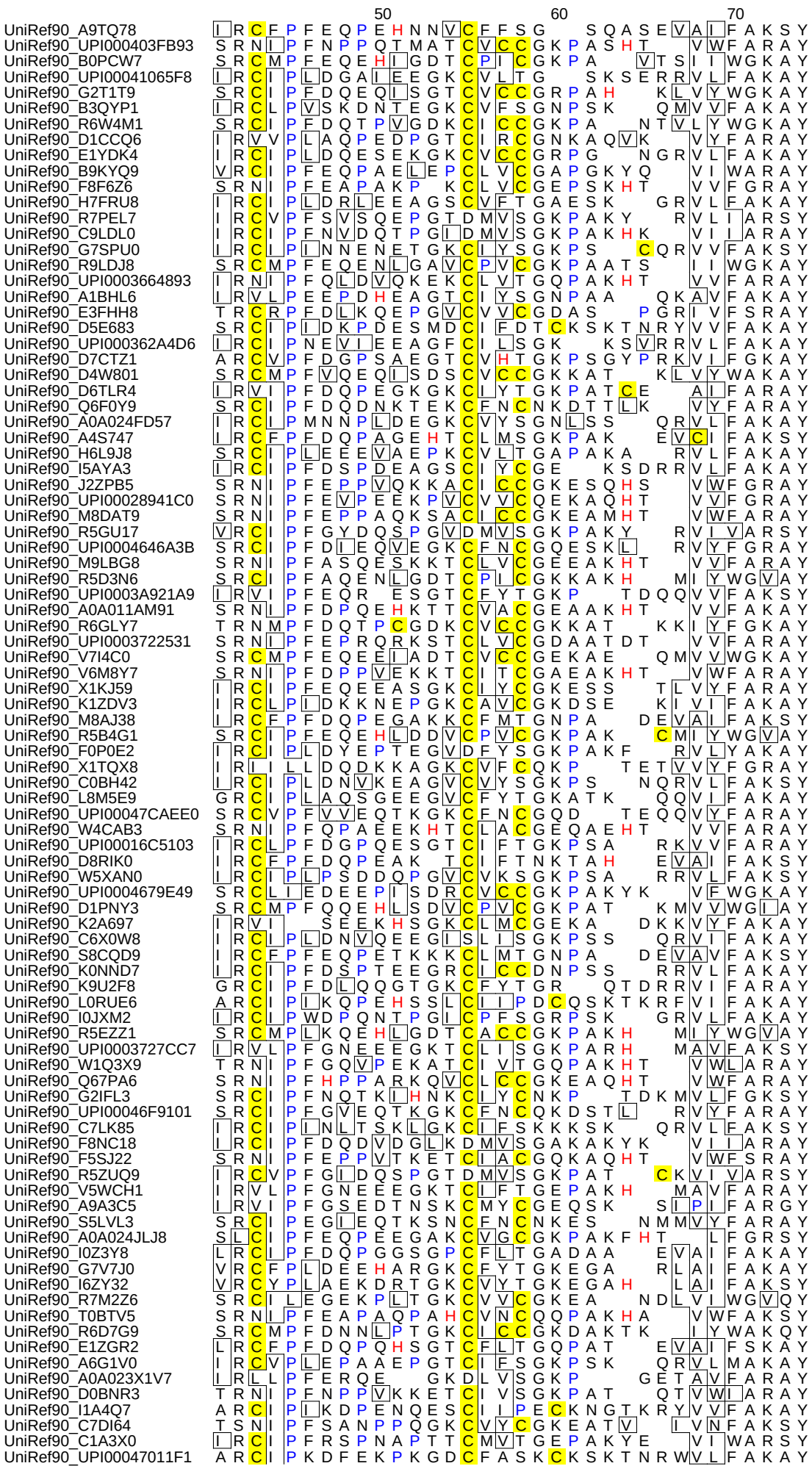

1
10
20
30
40
UniRef90_UPI000401697E
UniRef90_B9DZA7
UniRef90_UPI000415260F
UniRef90_R6G6X3
UniRef90_UPI0002D60254
UniRef90_I4ANP6
UniRef90_R7BRB9
UniRef90_W0F3Y1
UniRef90_F0RGD6
UniRef90_C4Z1D7
UniRef90_A4CM63
UniRef90_UPI0003731181
UniRef90_E6U816
UniRef90_UPI00037E711C
UniRef90_I4A1P0
UniRef90_W2ULR3
UniRef90_UPI0003802BD4
UniRef90_UPI0003FEDFF9
UniRef90_X1S7P0
UniRef90_D1C3G0
UniRef90_B3ER64
UniRef90_UPI00047C5407
UniRef90_UPI000407AC55
UniRef90_UPI00047DE348
UniRef90_B5YDD7
UniRef90_UPI00036C7282
UniRef90_E6MHS6
UniRef90_G8R366
UniRef90_R6MBF2
UniRef90_UPI0004688FC3
UniRef90_X4ZML6
UniRef90_A8MLB3
UniRef90_D7GPT6
UniRef90_R7EJF0
UniRef90_F9YSV2
UniRef90_E1RAC6
UniRef90_R5QH15
UniRef90_R5XVV4
UniRef90_UPI0003B4741A
UniRef90_Q9L4Q8
UniRef90_D1A6H8
UniRef90_W3AI07
UniRef90_A3XJP7
UniRef90_R7ZLS5
UniRef90_Q18CD7
UniRef90_R6ZU09
UniRef90_R5Q8E5
UniRef90_F7V314
UniRef90_A9E2A6
UniRef90_D7JFH8
UniRef90_C2Q6T1
UniRef90_UPI000372B0D4
UniRef90_G7M9R5
UniRef90_U5L9M3
UniRef90_H5SK45
UniRef90_A6CQK1
UniRef90_UPI000368A48E
UniRef90_R7JNF6
UniRef90_UPI00047D30D1
UniRef90_UPI000299E96D
UniRef90_R5ILX6
UniRef90_R5XJU4
UniRef90_UPI00047E0208
UniRef90_Q1J0W2
UniRef90_F2IDB7
UniRef90_G5GI95
UniRef90_E0Y0P3
UniRef90_D0ME06
UniRef90_E6XAZ4
UniRef90_W6RZ34
UniRef90_U2WDC8
UniRef90_K6CHW1
UniRef90_R5VLG9
UniRef90_R6P0D1
UniRef90_G2ED67
UniRef90_A2U439
UniRef90_A9KL35
UniRef90_R7FEG7
UniRef90_K0F2P3
UniRef90_UPI000479E390
UniRef90_UPI000379707A
UniRef90_UPI000402275F
UniRef90_J1H0Q2
UniRef90_I3C6A4
UniRef90_F4L223
UniRef90_UPI0001850F85
UniRef90_A4BYC7
UniRef90_R5QIK2
UniRef90_R9C1P3
UniRef90_B1CAF2
UniRef90_B3EE36
UniRef90_W7Z5A2

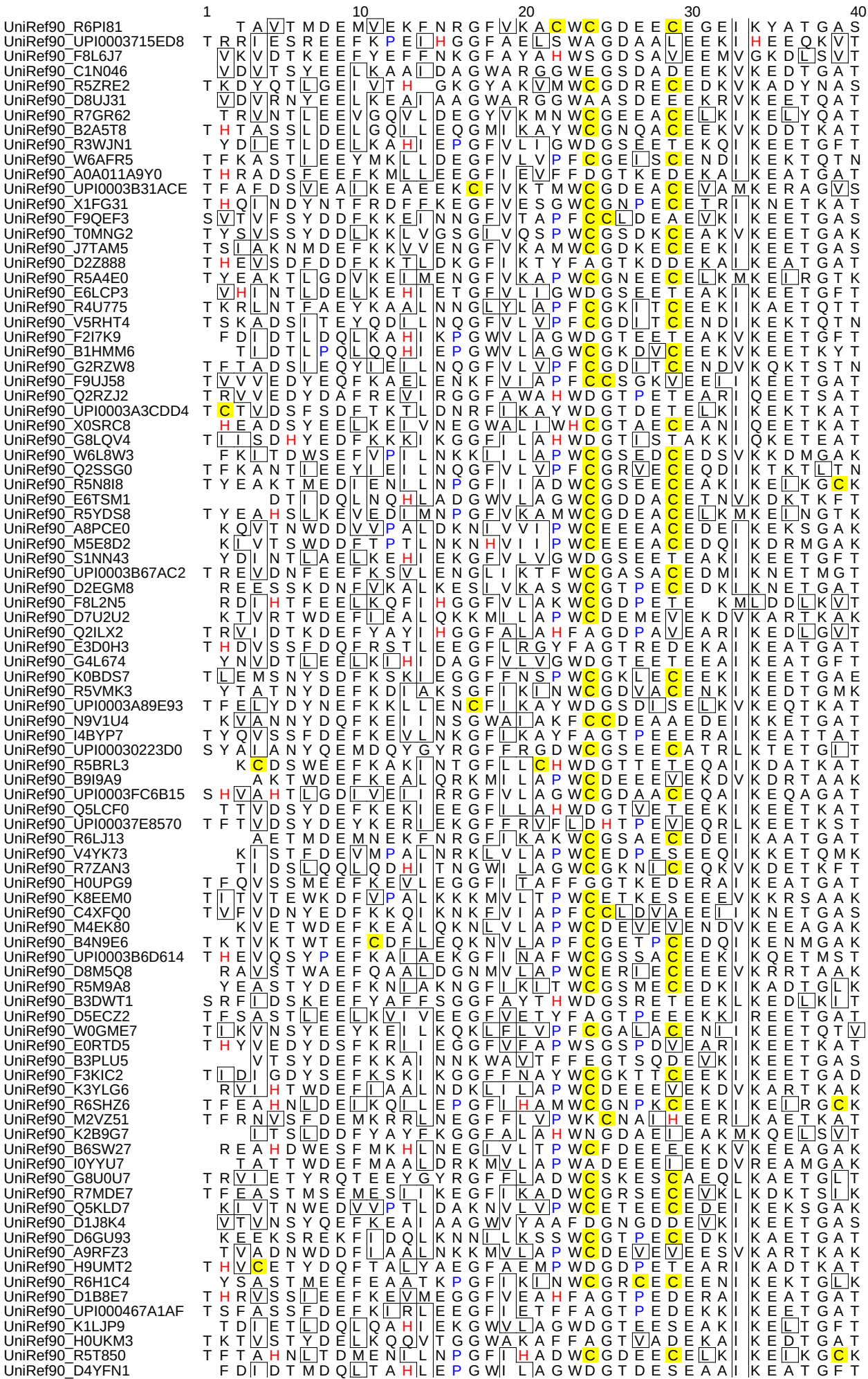

50
60
70
UniRef90_UPI000401697E
UniRef90_B9DZA7
UniRef90_UPI000415260F
UniRef90_R6G6X3
UniRef90_UPI0002D60254
UniRef90_I4ANP6
UniRef90_R7BRB9
UniRef90_W0F3Y1
UniRef90_F0RGD6
UniRef90_C4Z1D7
UniRef90_A4CM63
UniRef90_UPI0003731181
UniRef90_E6U816
UniRef90_UPI00037E711C
UniRef90_I4A1P0
UniRef90_W2ULR3
UniRef90_UPI0003802BD4
UniRef90_UPI0003FEDFF9
UniRef90_X1S7P0
UniRef90_D1C3G0
UniRef90_B3ER64
UniRef90_UPI00047C5407
UniRef90_UPI000407AC55
UniRef90_UPI00047DE348
UniRef90_B5YDD7
UniRef90_UPI00036C7282
UniRef90_E6MHS6
UniRef90_G8R366
UniRef90_R6MBF2
UniRef90_UPI0004688FC3
UniRef90_X4ZML6
UniRef90_A8MLB3
UniRef90_D7GPT6
UniRef90_R7EJF0
UniRef90_F9YSV2
UniRef90_E1RAC6
UniRef90_R5QH15
UniRef90_R5XVV4
UniRef90_UPI0003B4741A
UniRef90_Q9L4Q8
UniRef90_D1A6H8
UniRef90_W3AI07
UniRef90_A3XJP7
UniRef90_R7ZLS5
UniRef90_Q18CD7
UniRef90_R6ZU09
UniRef90_R5Q8E5
UniRef90_F7V314
UniRef90_A9E2A6
UniRef90_D7JFH8
UniRef90_C2Q6T1
UniRef90_UPI000372B0D4
UniRef90_G7M9R5
UniRef90_U5L9M3
UniRef90_H5SK45
UniRef90_A6CQK1
UniRef90_UPI000368A48E
UniRef90_R7JNF6
UniRef90_UPI00047D30D1
UniRef90_UPI000299E96D
UniRef90_R5ILX6
UniRef90_R5XJU4
UniRef90_UPI00047E0208
UniRef90_Q1J0W2
UniRef90_F2IDB7
UniRef90_G5GI95
UniRef90_E0Y0P3
UniRef90_D0ME06
UniRef90_E6XAZ4
UniRef90_W6RZ34
UniRef90_U2WDC8
UniRef90_K6CHW1
UniRef90_R5VLG9
UniRef90_R6P0D1
UniRef90_G2ED67
UniRef90_A2U439
UniRef90_A9KL35
UniRef90_R7FEG7
UniRef90_K0F2P3
UniRef90_UPI000479E390
UniRef90_UPI000379707A
UniRef90_UPI000402275F
UniRef90_J1H0Q2
UniRef90_I3C6A4
UniRef90_F4L223
UniRef90_UPI0001850F85
UniRef90_A4BYC7
UniRef90_R5QIK2
UniRef90_R9C1P3
UniRef90_B1CAF2
UniRef90_B3EE36
UniRef90_W7Z5A2

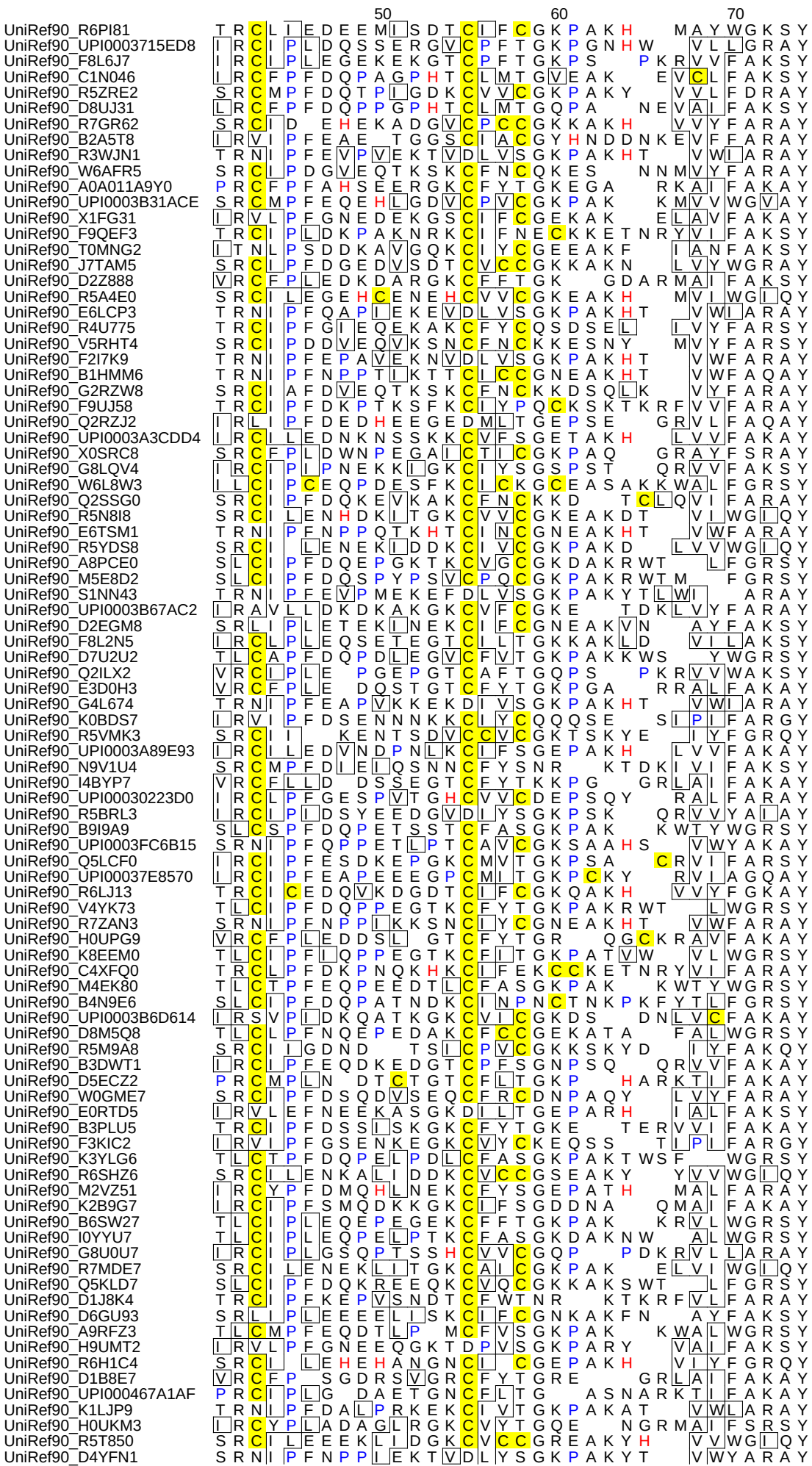

1
10
20
30
40
UniRef90_F5LS43
UniRef90_I2EZ81
UniRef90_B6G093
UniRef90_R5KLL3
UniRef90_S8FIA9
UniRef90_R7K982
UniRef90_W8VQ97
UniRef90_UPI000466B7DA
UniRef90_K2CRT2
UniRef90_B4D0N0
UniRef90_UPI0004785DB6
UniRef90_L7WAU1
UniRef90_UPI000248E840
UniRef90_R5W7S6
UniRef90_UPI0002193335
UniRef90_M7NBD9
UniRef90_UPI00040CC869
UniRef90_I3YSW4
UniRef90_T0NVD5
UniRef90_C0GH56
UniRef90_L8B163
UniRef90_B3EP23
UniRef90_K0IN69
UniRef90_K2EH07
UniRef90_UPI00046EE57D
UniRef90_T2KPP0
UniRef90_UPI0002E810A0
UniRef90_B0VJX8
UniRef90_C0QM34
UniRef90_S0G4U0
UniRef90_UPI0003616DFB
UniRef90_F4XGY1
UniRef90_UPI000373375A
UniRef90_R7F7N5
UniRef90_X1T5B4
UniRef90_R9KD58
UniRef90_UPI000371968A
UniRef90_F4LU79
UniRef90_R8W1N3
UniRef90_R5SU42
UniRef90_UPI0003616423
UniRef90_R5ASI9
UniRef90_F9DSE1
UniRef90_UPI00026276D9
UniRef90_Q3ASP3
UniRef90_I4ECX8
UniRef90_W8F1I3
UniRef90_D3E6Q3
UniRef90_UPI0004657D9B
UniRef90_R7IKF1
UniRef90_R9JEY8
UniRef90_C4ZC24
UniRef90_Q0SAY4
UniRef90_B3QPX3
UniRef90_A9W9Q2
UniRef90_L7VGA5
UniRef90_R6N4C0
UniRef90_B8ZRT2
UniRef90_A6NXX7
UniRef90_B6YQ92
UniRef90_Q9RUW4
UniRef90_E7G9L3
UniRef90_R7HFI1
UniRef90_S7U0U2
UniRef90_UPI0003617B51
UniRef90_R7K7T4
UniRef90_B4S9D5
UniRef90_G2LHX6
UniRef90_Q1CXV1
UniRef90_B8FDZ6
UniRef90_W8YNU4
UniRef90_V6ASI5
UniRef90_C8WSB2
UniRef90_K1XY35
UniRef90_D3R0S2
UniRef90_C0BMG9
UniRef90_UPI00041E4C79
UniRef90_A8F9H9
UniRef90_UPI00034732EC
UniRef90_K2DQ42
UniRef90_K0PAA4
UniRef90_T0PPZ7
UniRef90_R5JFH6
UniRef90_D4KBM9
UniRef90_UPI0003B5EEF3
UniRef90_L0EGA1
UniRef90_UPI0002559FF8
UniRef90_UPI000412ABF1
UniRef90_UPI000369D11A
UniRef90_A0A037UQF5
UniRef90_UPI0003B7ABA3
UniRef90_W6A990

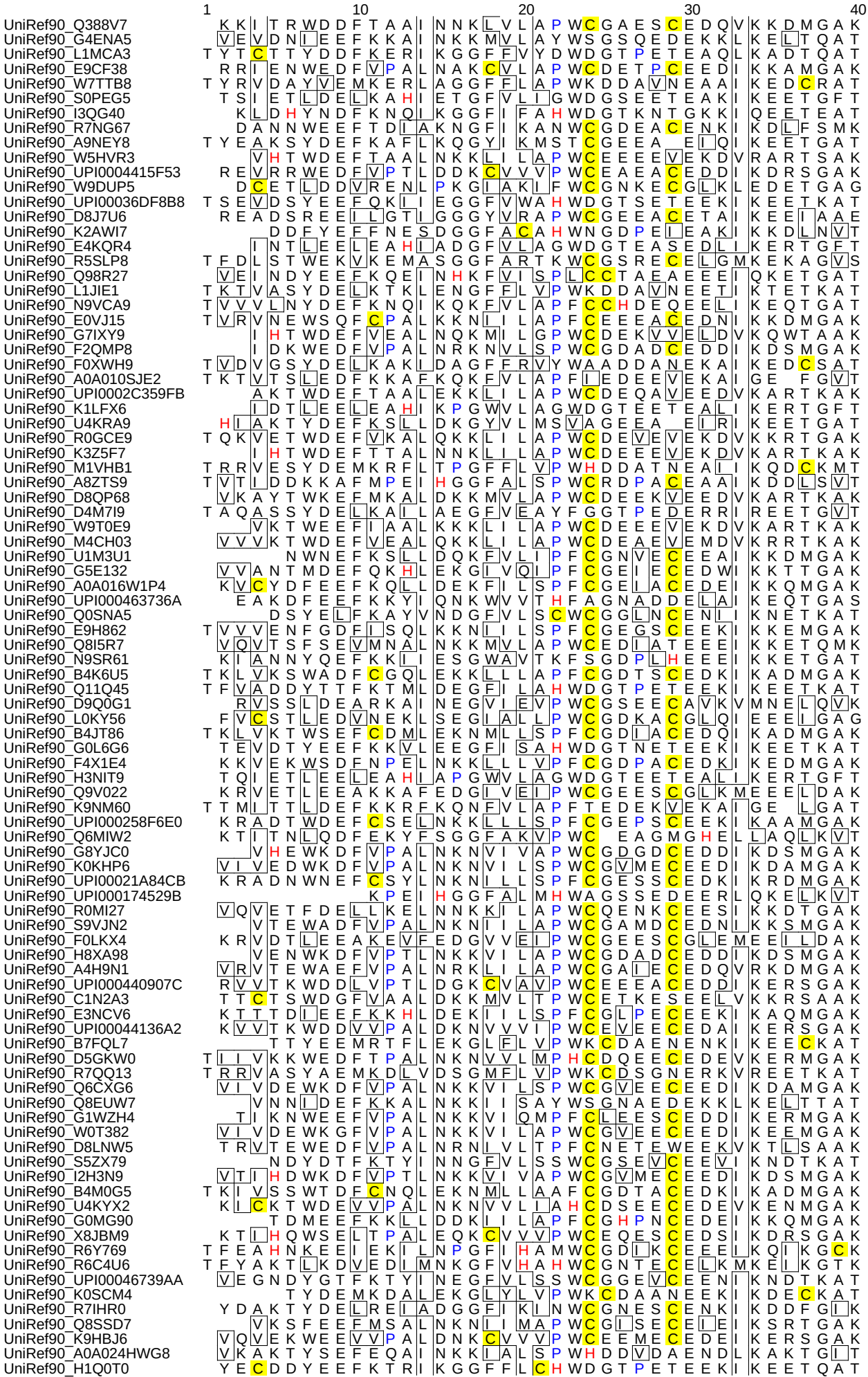

50
60
70
UniRef90_F5LS43
UniRef90_I2EZ81
UniRef90_B6G093
UniRef90_R5KLL3
UniRef90_S8FIA9
UniRef90_R7K982
UniRef90_W8VQ97
UniRef90_UPI000466B7DA
UniRef90_K2CRT2
UniRef90_B4D0N0
UniRef90_UPI0004785DB6
UniRef90_L7WAU1
UniRef90_UPI000248E840
UniRef90_R5W7S6
UniRef90_UPI0002193335
UniRef90_M7NBD9
UniRef90_UPI00040CC869
UniRef90_I3YSW4
UniRef90_T0NVD5
UniRef90_C0GH56
UniRef90_L8B163
UniRef90_B3EP23
UniRef90_K0IN69
UniRef90_K2EH07
UniRef90_UPI00046EE57D
UniRef90_T2KPP0
UniRef90_UPI0002E810A0
UniRef90_B0VJX8
UniRef90_C0QM34
UniRef90_S0G4U0
UniRef90_UPI0003616DFB
UniRef90_F4XGY1
UniRef90_UPI000373375A
UniRef90_R7F7N5
UniRef90_X1T5B4
UniRef90_R9KD58
UniRef90_UPI000371968A
UniRef90_F4LU79
UniRef90_R8W1N3
UniRef90_R5SU42
UniRef90_UPI0003616423
UniRef90_R5ASI9
UniRef90_F9DSE1
UniRef90_UPI00026276D9
UniRef90_Q3ASP3
UniRef90_I4ECX8
UniRef90_W8F1I3
UniRef90_D3E6Q3
UniRef90_UPI0004657D9B
UniRef90_R7IKF1
UniRef90_R9JEY8
UniRef90_C4ZC24
UniRef90_Q0SAY4
UniRef90_B3QPX3
UniRef90_A9W9Q2
UniRef90_L7VGA5
UniRef90_R6N4C0
UniRef90_B8ZRT2
UniRef90_A6NXX7
UniRef90_B6YQ92
UniRef90_Q9RUW4
UniRef90_E7G9L3
UniRef90_R7HFI1
UniRef90_S7U0U2
UniRef90_UPI0003617B51
UniRef90_R7K7T4
UniRef90_B4S9D5
UniRef90_G2LHX6
UniRef90_Q1CXV1
UniRef90_B8FDZ6
UniRef90_W8YNU4
UniRef90_V6ASI5
UniRef90_C8WSB2
UniRef90_K1XY35
UniRef90_D3R0S2
UniRef90_C0BMG9
UniRef90_UPI00041E4C79
UniRef90_A8F9H9
UniRef90_UPI00034732EC
UniRef90_K2DQ42
UniRef90_K0PAA4
UniRef90_T0PPZ7
UniRef90_R5JFH6
UniRef90_D4KBM9
UniRef90_UPI0003B5EEF3
UniRef90_L0EGA1
UniRef90_UPI0002559FF8
UniRef90_UPI000412ABF1
UniRef90_UPI000369D11A
UniRef90_A0A037UQF5
UniRef90_UPI0003B7ABA3
UniRef90_W6A990

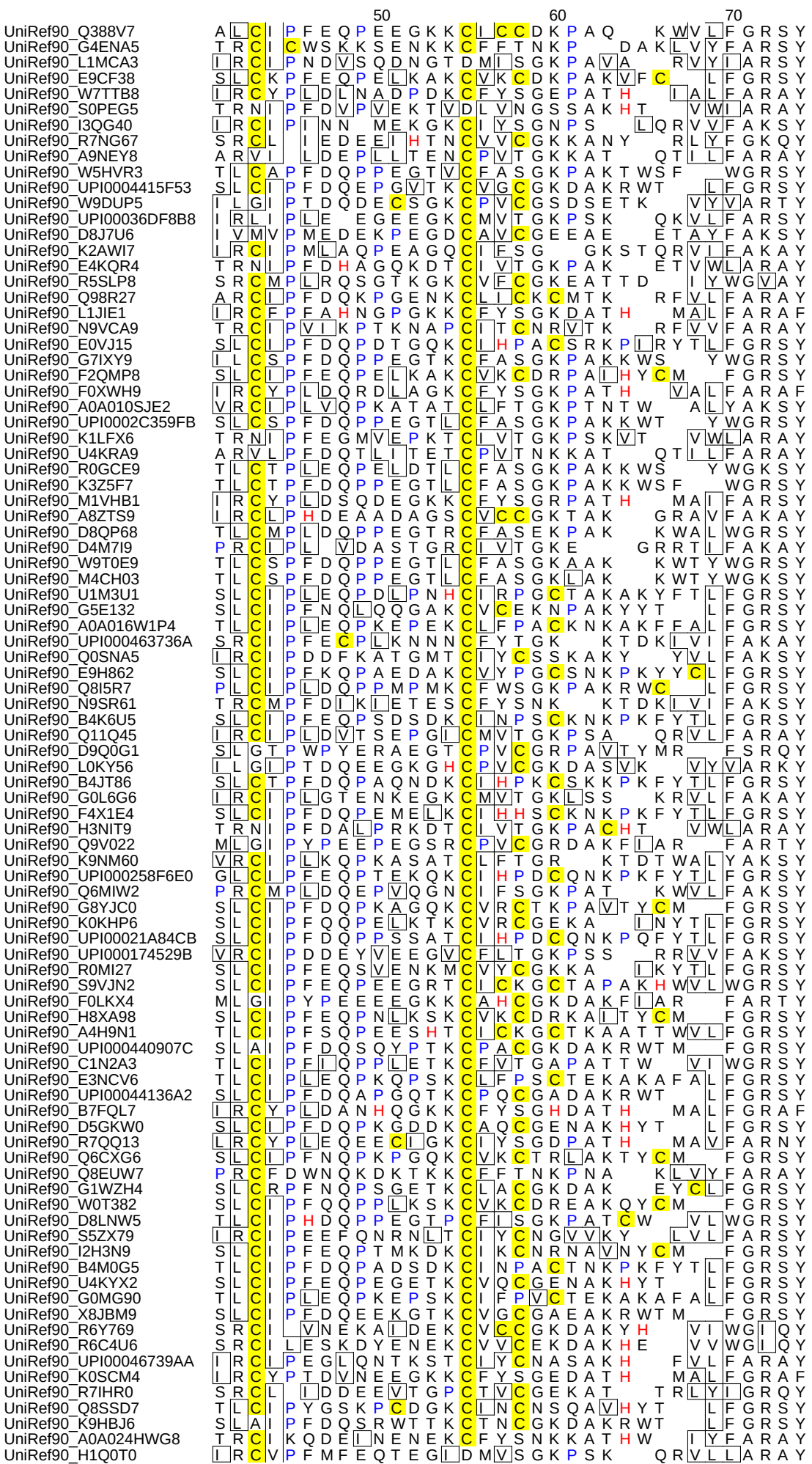

1
10
20
30
40
UniRef90_A9TQ78
UniRef90_UPI000403FB93
UniRef90_B0PCW7
UniRef90_UPI00041065F8
UniRef90_G2T1T9
UniRef90_B3QYP1
UniRef90_R6W4M1
UniRef90_D1CCQ6
UniRef90_E1YDK4
UniRef90_B9KYQ9
UniRef90_F8F6Z6
UniRef90_H7FRU8
UniRef90_R7PEL7
UniRef90_C9LDL0
UniRef90_G7SPU0
UniRef90_R9LDJ8
UniRef90_UPI0003664893
UniRef90_A1BHL6
UniRef90_E3FHH8
UniRef90_D5E683
UniRef90_UPI000362A4D6
UniRef90_D7CTZ1
UniRef90_D4W801
UniRef90_D6TLR4
UniRef90_Q6F0Y9
UniRef90_A0A024FD57
UniRef90_A4S747
UniRef90_H6L9J8
UniRef90_I5AYA3
UniRef90_J2ZPB5
UniRef90_UPI00028941C0
UniRef90_M8DAT9
UniRef90_R5GU17
UniRef90_UPI0004646A3B
UniRef90_M9LBG8
UniRef90_R5D3N6
UniRef90_UPI0003A921A9
UniRef90_A0A011AM91
UniRef90_R6GLY7
UniRef90_UPI0003722531
UniRef90_V7I4C0
UniRef90_V6M8Y7
UniRef90_X1KJ59
UniRef90_K1ZDV3
UniRef90_M8AJ38
UniRef90_R5B4G1
UniRef90_F0P0E2
UniRef90_X1TQX8
UniRef90_C0BH42
UniRef90_L8M5E9
UniRef90_UPI00047CAEE0
UniRef90_W4CAB3
UniRef90_UPI00016C5103
UniRef90_D8RIK0
UniRef90_W5XAN0
UniRef90_UPI0004679E49
UniRef90_D1PNY3
UniRef90_K2A697
UniRef90_C6X0W8
UniRef90_S8CQD9
UniRef90_K0NND7
UniRef90_K9U2F8
UniRef90_L0RUE6
UniRef90_I0JXM2
UniRef90_R5EZZ1
UniRef90_UPI0003727CC7
UniRef90_W1Q3X9
UniRef90_Q67PA6
UniRef90_G2IFL3
UniRef90_UPI00046F9101
UniRef90_C7LK85
UniRef90_F8NC18
UniRef90_F5SJ22
UniRef90_R5ZUQ9
UniRef90_V5WCH1
UniRef90_A9A3C5
UniRef90_S5LVL3
UniRef90_A0A024JLJ8
UniRef90_I0Z3Y8
UniRef90_G7V7J0
UniRef90_I6ZY32
UniRef90_R7M2Z6
UniRef90_T0BTV5
UniRef90_R6D7G9
UniRef90_E1ZGR2
UniRef90_A6G1V0
UniRef90_A0A023X1V7
UniRef90_D0BNR3
UniRef90_I1A4Q7
UniRef90_C7DI64
UniRef90_C1A3X0
UniRef90_UPI00047011F1

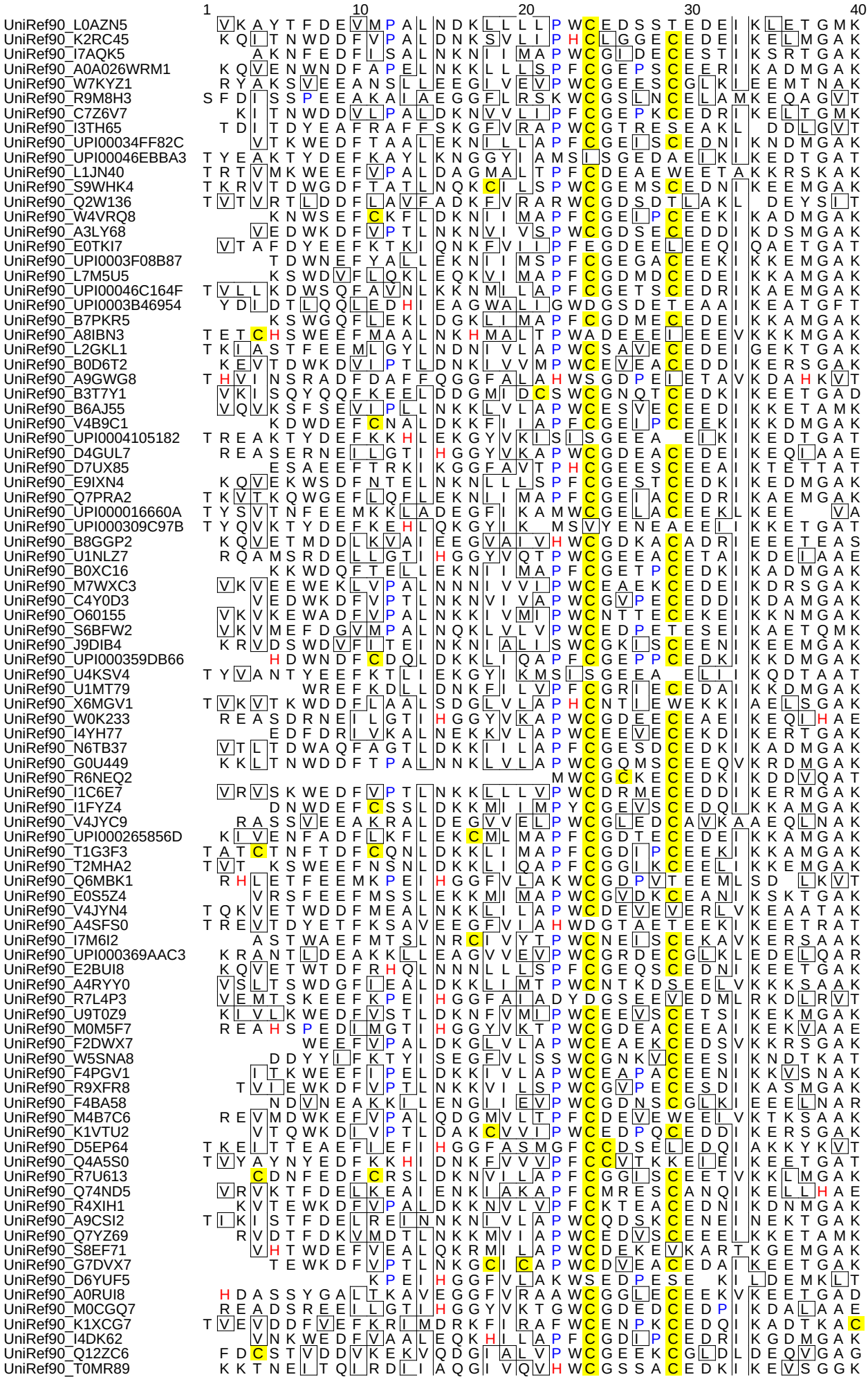

50
60
70
UniRef90_A9TQ78
UniRef90_UPI000403FB93
UniRef90_B0PCW7
UniRef90_UPI00041065F8
UniRef90_G2T1T9
UniRef90_B3QYP1
UniRef90_R6W4M1
UniRef90_D1CCQ6
UniRef90_E1YDK4
UniRef90_B9KYQ9
UniRef90_F8F6Z6
UniRef90_H7FRU8
UniRef90_R7PEL7
UniRef90_C9LDL0
UniRef90_G7SPU0
UniRef90_R9LDJ8
UniRef90_UPI0003664893
UniRef90_A1BHL6
UniRef90_E3FHH8
UniRef90_D5E683
UniRef90_UPI000362A4D6
UniRef90_D7CTZ1
UniRef90_D4W801
UniRef90_D6TLR4
UniRef90_Q6F0Y9
UniRef90_A0A024FD57
UniRef90_A4S747
UniRef90_H6L9J8
UniRef90_I5AYA3
UniRef90_J2ZPB5
UniRef90_UPI00028941C0
UniRef90_M8DAT9
UniRef90_R5GU17
UniRef90_UPI0004646A3B
UniRef90_M9LBG8
UniRef90_R5D3N6
UniRef90_UPI0003A921A9
UniRef90_A0A011AM91
UniRef90_R6GLY7
UniRef90_UPI0003722531
UniRef90_V7I4C0
UniRef90_V6M8Y7
UniRef90_X1KJ59
UniRef90_K1ZDV3
UniRef90_M8AJ38
UniRef90_R5B4G1
UniRef90_F0P0E2
UniRef90_X1TQX8
UniRef90_C0BH42
UniRef90_L8M5E9
UniRef90_UPI00047CAEE0
UniRef90_W4CAB3
UniRef90_UPI00016C5103
UniRef90_D8RIK0
UniRef90_W5XAN0
UniRef90_UPI0004679E49
UniRef90_D1PNY3
UniRef90_K2A697
UniRef90_C6X0W8
UniRef90_S8CQD9
UniRef90_K0NND7
UniRef90_K9U2F8
UniRef90_L0RUE6
UniRef90_I0JXM2
UniRef90_R5EZZ1
UniRef90_UPI0003727CC7
UniRef90_W1Q3X9
UniRef90_Q67PA6
UniRef90_G2IFL3
UniRef90_UPI00046F9101
UniRef90_C7LK85
UniRef90_F8NC18
UniRef90_F5SJ22
UniRef90_R5ZUQ9
UniRef90_V5WCH1
UniRef90_A9A3C5
UniRef90_S5LVL3
UniRef90_A0A024JLJ8
UniRef90_I0Z3Y8
UniRef90_G7V7J0
UniRef90_I6ZY32
UniRef90_R7M2Z6
UniRef90_T0BTV5
UniRef90_R6D7G9
UniRef90_E1ZGR2
UniRef90_A6G1V0
UniRef90_A0A023X1V7
UniRef90_D0BNR3
UniRef90_I1A4Q7
UniRef90_C7DI64
UniRef90_C1A3X0
UniRef90_UPI00047011F1

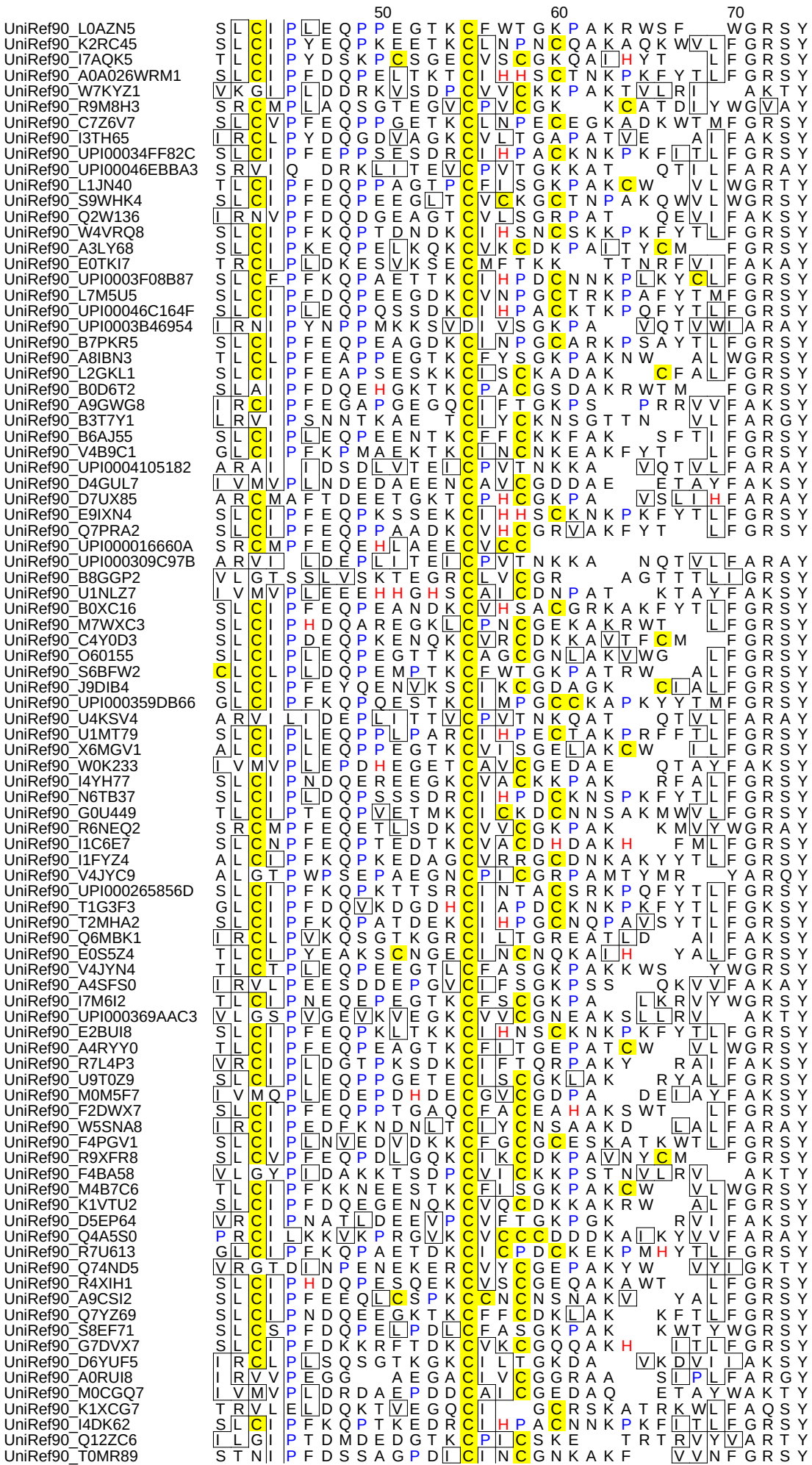

1
10
20
30
40
UniRef90_R6PI81
UniRef90_UPI0003715ED8
UniRef90_F8L6J7
UniRef90_C1N046
UniRef90_R5ZRE2
UniRef90_D8UJ31
UniRef90_R7GR62
UniRef90_B2A5T8
UniRef90_R3WJN1
UniRef90_W6AFR5
UniRef90_A0A011A9Y0
UniRef90_UPI0003B31ACE
UniRef90_X1FG31
UniRef90_F9QEF3
UniRef90_T0MNG2
UniRef90_J7TAM5
UniRef90_D2Z888
UniRef90_R5A4E0
UniRef90_E6LCP3
UniRef90_R4U775
UniRef90_V5RHT4
UniRef90_F2I7K9
UniRef90_B1HMM6
UniRef90_G2RZW8
UniRef90_F9UJ58
UniRef90_Q2RZJ2
UniRef90_UPI0003A3CDD4
UniRef90_X0SRC8
UniRef90_G8LQV4
UniRef90_W6L8W3
UniRef90_Q2SSG0
UniRef90_R5N8I8
UniRef90_E6TSM1
UniRef90_R5YDS8
UniRef90_A8PCE0
UniRef90_M5E8D2
UniRef90_S1NN43
UniRef90_UPI0003B67AC2
UniRef90_D2EGM8
UniRef90_F8L2N5
UniRef90_D7U2U2
UniRef90_Q2ILX2
UniRef90_E3D0H3
UniRef90_G4L674
UniRef90_K0BDS7
UniRef90_R5VMK3
UniRef90_UPI0003A89E93
UniRef90_N9V1U4
UniRef90_I4BYP7
UniRef90_UPI00030223D0
UniRef90_R5BRL3
UniRef90_B9I9A9
UniRef90_UPI0003FC6B15
UniRef90_Q5LCF0
UniRef90_UPI00037E8570
UniRef90_R6LJ13
UniRef90_V4YK73
UniRef90_R7ZAN3
UniRef90_H0UPG9
UniRef90_K8EEM0
UniRef90_C4XFQ0
UniRef90_M4EK80
UniRef90_B4N9E6
UniRef90_UPI0003B6D614
UniRef90_D8M5Q8
UniRef90_R5M9A8
UniRef90_B3DWT1
UniRef90_D5ECZ2
UniRef90_W0GME7
UniRef90_E0RTD5
UniRef90_B3PLU5
UniRef90_F3KIC2
UniRef90_K3YLG6
UniRef90_R6SHZ6
UniRef90_M2VZ51
UniRef90_K2B9G7
UniRef90_B6SW27
UniRef90_I0YYU7
UniRef90_G8U0U7
UniRef90_R7MDE7
UniRef90_Q5KLD7
UniRef90_D1J8K4
UniRef90_D6GU93
UniRef90_A9RFZ3
UniRef90_H9UMT2
UniRef90_R6H1C4
UniRef90_D1B8E7
UniRef90_UPI000467A1AF
UniRef90_K1LJP9
UniRef90_H0UKM3
UniRef90_R5T850
UniRef90_D4YFN1

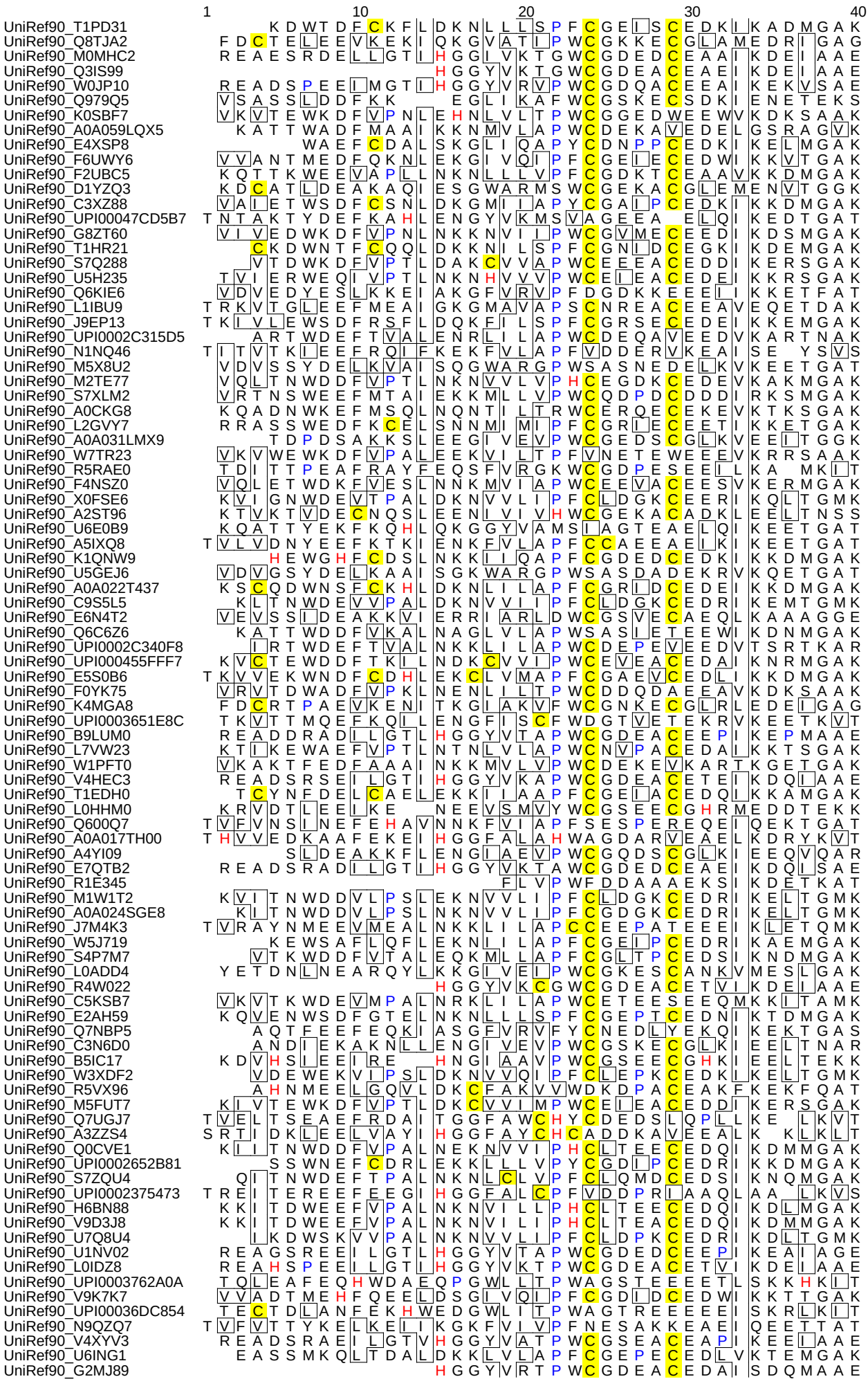

50
60
70
UniRef90_R6PI81
UniRef90_UPI0003715ED8
UniRef90_F8L6J7
UniRef90_C1N046
UniRef90_R5ZRE2
UniRef90_D8UJ31
UniRef90_R7GR62
UniRef90_B2A5T8
UniRef90_R3WJN1
UniRef90_W6AFR5
UniRef90_A0A011A9Y0
UniRef90_UPI0003B31ACE
UniRef90_X1FG31
UniRef90_F9QEF3
UniRef90_T0MNG2
UniRef90_J7TAM5
UniRef90_D2Z888
UniRef90_R5A4E0
UniRef90_E6LCP3
UniRef90_R4U775
UniRef90_V5RHT4
UniRef90_F2I7K9
UniRef90_B1HMM6
UniRef90_G2RZW8
UniRef90_F9UJ58
UniRef90_Q2RZJ2
UniRef90_UPI0003A3CDD4
UniRef90_X0SRC8
UniRef90_G8LQV4
UniRef90_W6L8W3
UniRef90_Q2SSG0
UniRef90_R5N8I8
UniRef90_E6TSM1
UniRef90_R5YDS8
UniRef90_A8PCE0
UniRef90_M5E8D2
UniRef90_S1NN43
UniRef90_UPI0003B67AC2
UniRef90_D2EGM8
UniRef90_F8L2N5
UniRef90_D7U2U2
UniRef90_Q2ILX2
UniRef90_E3D0H3
UniRef90_G4L674
UniRef90_K0BDS7
UniRef90_R5VMK3
UniRef90_UPI0003A89E93
UniRef90_N9V1U4
UniRef90_I4BYP7
UniRef90_UPI00030223D0
UniRef90_R5BRL3
UniRef90_B9I9A9
UniRef90_UPI0003FC6B15
UniRef90_Q5LCF0
UniRef90_UPI00037E8570
UniRef90_R6LJ13
UniRef90_V4YK73
UniRef90_R7ZAN3
UniRef90_H0UPG9
UniRef90_K8EEM0
UniRef90_C4XFQ0
UniRef90_M4EK80
UniRef90_B4N9E6
UniRef90_UPI0003B6D614
UniRef90_D8M5Q8
UniRef90_R5M9A8
UniRef90_B3DWT1
UniRef90_D5ECZ2
UniRef90_W0GME7
UniRef90_E0RTD5
UniRef90_B3PLU5
UniRef90_F3KIC2
UniRef90_K3YLG6
UniRef90_R6SHZ6
UniRef90_M2VZ51
UniRef90_K2B9G7
UniRef90_B6SW27
UniRef90_I0YYU7
UniRef90_G8U0U7
UniRef90_R7MDE7
UniRef90_Q5KLD7
UniRef90_D1J8K4
UniRef90_D6GU93
UniRef90_A9RFZ3
UniRef90_H9UMT2
UniRef90_R6H1C4
UniRef90_D1B8E7
UniRef90_UPI000467A1AF
UniRef90_K1LJP9
UniRef90_H0UKM3
UniRef90_R5T850
UniRef90_D4YFN1

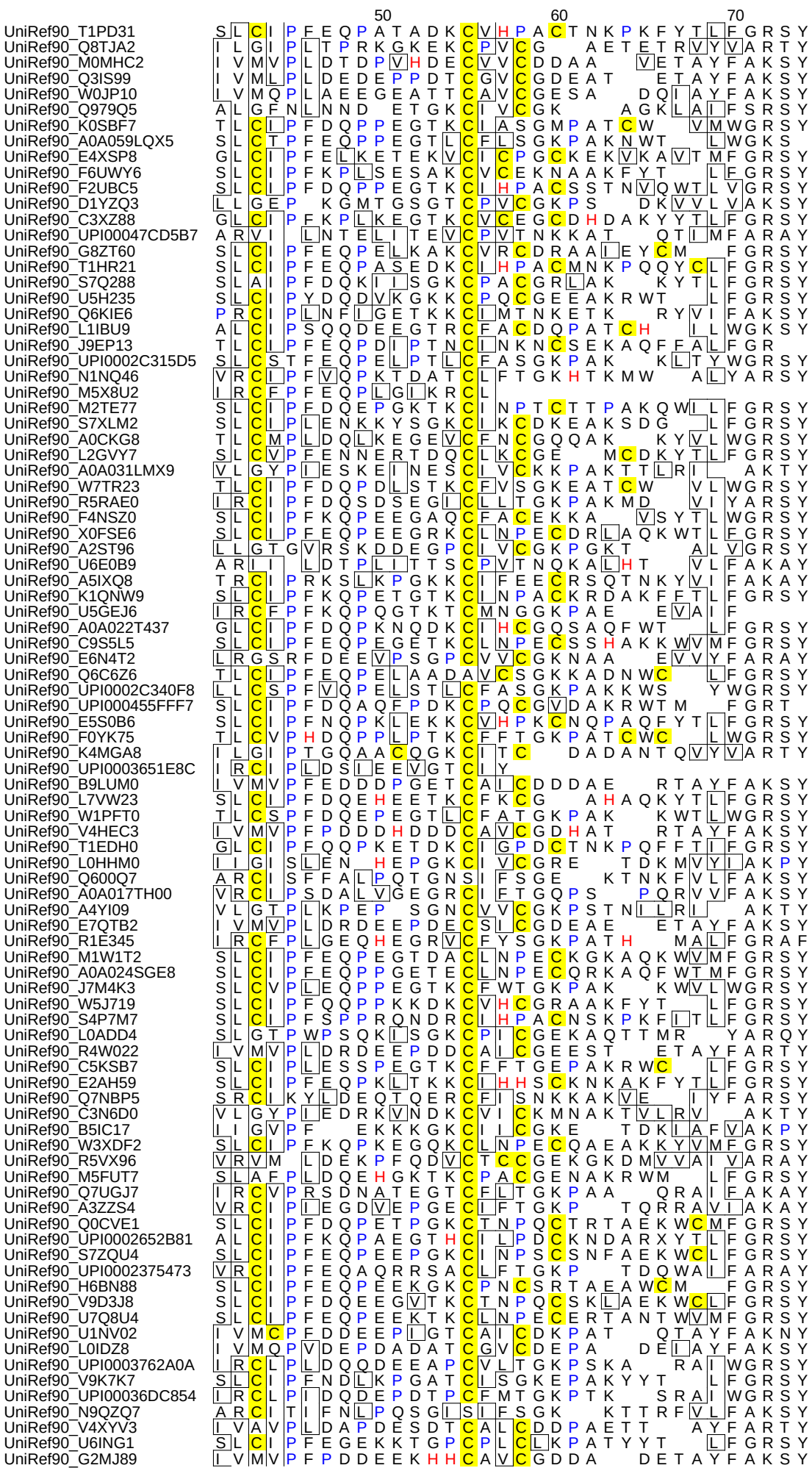

1
10
20
30
40
UniRef90_Q388V7
UniRef90_G4ENA5
UniRef90_L1MCA3
UniRef90_E9CF38
UniRef90_W7TTB8
UniRef90_S0PEG5
UniRef90_I3QG40
UniRef90_R7NG67
UniRef90_A9NEY8
UniRef90_W5HVR3
UniRef90_UPI0004415F53
UniRef90_W9DUP5
UniRef90_UPI00036DF8B8
UniRef90_D8J7U6
UniRef90_K2AWI7
UniRef90_E4KQR4
UniRef90_R5SLP8
UniRef90_Q98R27
UniRef90_L1JIE1
UniRef90_N9VCA9
UniRef90_E0VJ15
UniRef90_G7IXY9
UniRef90_F2QMP8
UniRef90_F0XWH9
UniRef90_A0A010SJE2
UniRef90_UPI0002C359FB
UniRef90_K1LFX6
UniRef90_U4KRA9
UniRef90_R0GCE9
UniRef90_K3Z5F7
UniRef90_M1VHB1
UniRef90_A8ZTS9
UniRef90_D8QP68
UniRef90_D4M7I9
UniRef90_W9T0E9
UniRef90_M4CH03
UniRef90_U1M3U1
UniRef90_G5E132
UniRef90_A0A016W1P4
UniRef90_UPI000463736A
UniRef90_Q0SNA5
UniRef90_E9H862
UniRef90_Q8I5R7
UniRef90_N9SR61
UniRef90_B4K6U5
UniRef90_Q11Q45
UniRef90_D9Q0G1
UniRef90_L0KY56
UniRef90_B4JT86
UniRef90_G0L6G6
UniRef90_F4X1E4
UniRef90_H3NIT9
UniRef90_Q9V022
UniRef90_K9NM60
UniRef90_UPI000258F6E0
UniRef90_Q6MIW2
UniRef90_G8YJC0
UniRef90_K0KHP6
UniRef90_UPI00021A84CB
UniRef90_UPI000174529B
UniRef90_R0MI27
UniRef90_S9VJN2
UniRef90_F0LKX4
UniRef90_H8XA98
UniRef90_A4H9N1
UniRef90_UPI000440907C
UniRef90_C1N2A3
UniRef90_E3NCV6
UniRef90_UPI00044136A2
UniRef90_B7FQL7
UniRef90_D5GKW0
UniRef90_R7QQ13
UniRef90_Q6CXG6
UniRef90_Q8EUW7
UniRef90_G1WZH4
UniRef90_W0T382
UniRef90_D8LNW5
UniRef90_S5ZX79
UniRef90_I2H3N9
UniRef90_B4M0G5
UniRef90_U4KYX2
UniRef90_G0MG90
UniRef90_X8JBM9
UniRef90_R6Y769
UniRef90_R6C4U6
UniRef90_UPI00046739AA
UniRef90_K0SCM4
UniRef90_R7IHR0
UniRef90_Q8SSD7
UniRef90_K9HBJ6
UniRef90_A0A024HWG8
UniRef90_H1Q0T0

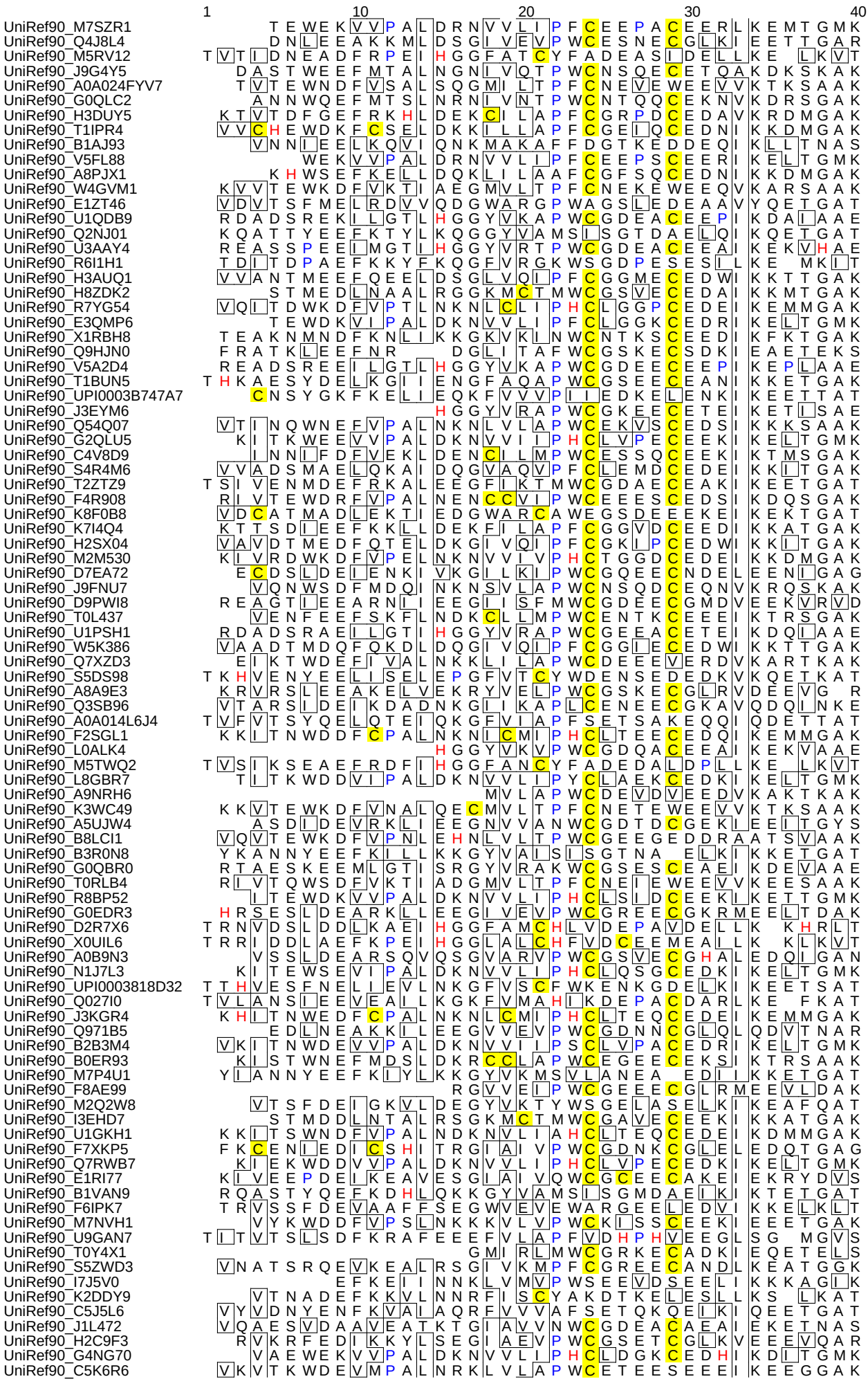

50
60
70
UniRef90_Q388V7
UniRef90_G4ENA5
UniRef90_L1MCA3
UniRef90_E9CF38
UniRef90_W7TTB8
UniRef90_S0PEG5
UniRef90_I3QG40
UniRef90_R7NG67
UniRef90_A9NEY8
UniRef90_W5HVR3
UniRef90_UPI0004415F53
UniRef90_W9DUP5
UniRef90_UPI00036DF8B8
UniRef90_D8J7U6
UniRef90_K2AWI7
UniRef90_E4KQR4
UniRef90_R5SLP8
UniRef90_Q98R27
UniRef90_L1JIE1
UniRef90_N9VCA9
UniRef90_E0VJ15
UniRef90_G7IXY9
UniRef90_F2QMP8
UniRef90_F0XWH9
UniRef90_A0A010SJE2
UniRef90_UPI0002C359FB
UniRef90_K1LFX6
UniRef90_U4KRA9
UniRef90_R0GCE9
UniRef90_K3Z5F7
UniRef90_M1VHB1
UniRef90_A8ZTS9
UniRef90_D8QP68
UniRef90_D4M7I9
UniRef90_W9T0E9
UniRef90_M4CH03
UniRef90_U1M3U1
UniRef90_G5E132
UniRef90_A0A016W1P4
UniRef90_UPI000463736A
UniRef90_Q0SNA5
UniRef90_E9H862
UniRef90_Q8I5R7
UniRef90_N9SR61
UniRef90_B4K6U5
UniRef90_Q11Q45
UniRef90_D9Q0G1
UniRef90_L0KY56
UniRef90_B4JT86
UniRef90_G0L6G6
UniRef90_F4X1E4
UniRef90_H3NIT9
UniRef90_Q9V022
UniRef90_K9NM60
UniRef90_UPI000258F6E0
UniRef90_Q6MIW2
UniRef90_G8YJC0
UniRef90_K0KHP6
UniRef90_UPI00021A84CB
UniRef90_UPI000174529B
UniRef90_R0MI27
UniRef90_S9VJN2
UniRef90_F0LKX4
UniRef90_H8XA98
UniRef90_A4H9N1
UniRef90_UPI000440907C
UniRef90_C1N2A3
UniRef90_E3NCV6
UniRef90_UPI00044136A2
UniRef90_B7FQL7
UniRef90_D5GKW0
UniRef90_R7QQ13
UniRef90_Q6CXG6
UniRef90_Q8EUW7
UniRef90_G1WZH4
UniRef90_W0T382
UniRef90_D8LNW5
UniRef90_S5ZX79
UniRef90_I2H3N9
UniRef90_B4M0G5
UniRef90_U4KYX2
UniRef90_G0MG90
UniRef90_X8JBM9
UniRef90_R6Y769
UniRef90_R6C4U6
UniRef90_UPI00046739AA
UniRef90_K0SCM4
UniRef90_R7IHR0
UniRef90_Q8SSD7
UniRef90_K9HBJ6
UniRef90_A0A024HWG8
UniRef90_H1Q0T0

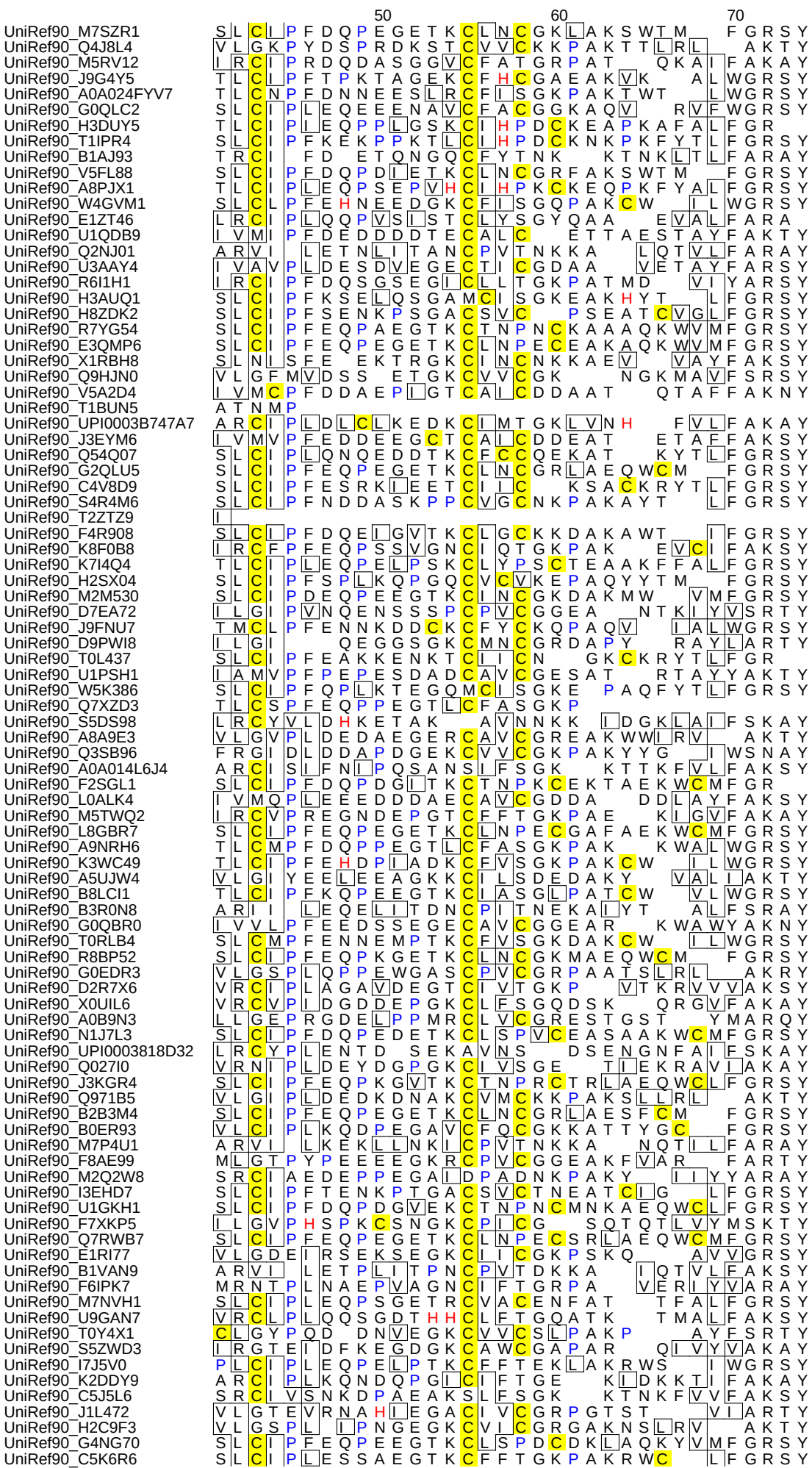

1
10
20
30
40
UniRef90_L0AZN5
UniRef90_K2RC45
UniRef90_I7AQK5
UniRef90_A0A026WRM1
UniRef90_W7KYZ1
UniRef90_R9M8H3
UniRef90_C7Z6V7
UniRef90_I3TH65
UniRef90_UPI00034FF82C
UniRef90_UPI00046EBBA3
UniRef90_L1JN40
UniRef90_S9WHK4
UniRef90_Q2W136
UniRef90_W4VRQ8
UniRef90_A3LY68
UniRef90_E0TKI7
UniRef90_UPI0003F08B87
UniRef90_L7M5U5
UniRef90_UPI00046C164F
UniRef90_UPI0003B46954
UniRef90_B7PKR5
UniRef90_A8IBN3
UniRef90_L2GKL1
UniRef90_B0D6T2
UniRef90_A9GWG8
UniRef90_B3T7Y1
UniRef90_B6AJ55
UniRef90_V4B9C1
UniRef90_UPI0004105182
UniRef90_D4GUL7
UniRef90_D7UX85
UniRef90_E9IXN4
UniRef90_Q7PRA2
UniRef90_UPI000016660A
UniRef90_UPI000309C97B
UniRef90_B8GGP2
UniRef90_U1NLZ7
UniRef90_B0XC16
UniRef90_M7WXC3
UniRef90_C4Y0D3
UniRef90_O60155
UniRef90_S6BFW2
UniRef90_J9DIB4
UniRef90_UPI000359DB66
UniRef90_U4KSV4
UniRef90_U1MT79
UniRef90_X6MGV1
UniRef90_W0K233
UniRef90_I4YH77
UniRef90_N6TB37
UniRef90_G0U449
UniRef90_R6NEQ2
UniRef90_I1C6E7
UniRef90_I1FYZ4
UniRef90_V4JYC9
UniRef90_UPI000265856D
UniRef90_T1G3F3
UniRef90_T2MHA2
UniRef90_Q6MBK1
UniRef90_E0S5Z4
UniRef90_V4JYN4
UniRef90_A4SFS0
UniRef90_I7M6I2
UniRef90_UPI000369AAC3
UniRef90_E2BUI8
UniRef90_A4RYY0
UniRef90_R7L4P3
UniRef90_U9T0Z9
UniRef90_M0M5F7
UniRef90_F2DWX7
UniRef90_W5SNA8
UniRef90_F4PGV1
UniRef90_R9XFR8
UniRef90_F4BA58
UniRef90_M4B7C6
UniRef90_K1VTU2
UniRef90_D5EP64
UniRef90_Q4A5S0
UniRef90_R7U613
UniRef90_Q74ND5
UniRef90_R4XIH1
UniRef90_A9CSI2
UniRef90_Q7YZ69
UniRef90_S8EF71
UniRef90_G7DVX7
UniRef90_D6YUF5
UniRef90_A0RUI8
UniRef90_M0CGQ7
UniRef90_K1XCG7
UniRef90_I4DK62
UniRef90_Q12ZC6
UniRef90_T0MR89

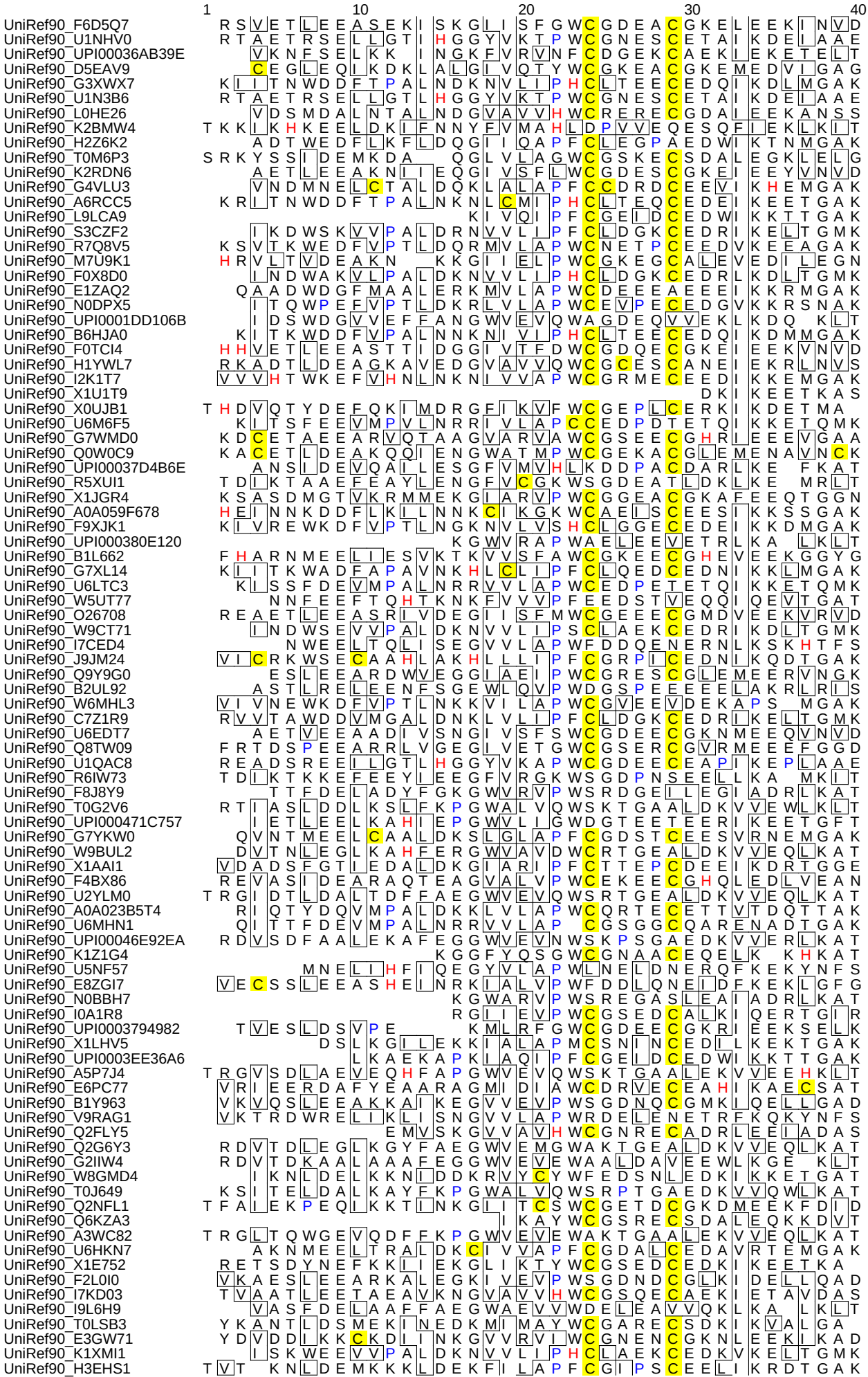

50
60
70
UniRef90_L0AZN5
UniRef90_K2RC45
UniRef90_I7AQK5
UniRef90_A0A026WRM1
UniRef90_W7KYZ1
UniRef90_R9M8H3
UniRef90_C7Z6V7
UniRef90_I3TH65
UniRef90_UPI00034FF82C
UniRef90_UPI00046EBBA3
UniRef90_L1JN40
UniRef90_S9WHK4
UniRef90_Q2W136
UniRef90_W4VRQ8
UniRef90_A3LY68
UniRef90_E0TKI7
UniRef90_UPI0003F08B87
UniRef90_L7M5U5
UniRef90_UPI00046C164F
UniRef90_UPI0003B46954
UniRef90_B7PKR5
UniRef90_A8IBN3
UniRef90_L2GKL1
UniRef90_B0D6T2
UniRef90_A9GWG8
UniRef90_B3T7Y1
UniRef90_B6AJ55
UniRef90_V4B9C1
UniRef90_UPI0004105182
UniRef90_D4GUL7
UniRef90_D7UX85
UniRef90_E9IXN4
UniRef90_Q7PRA2
UniRef90_UPI000016660A
UniRef90_UPI000309C97B
UniRef90_B8GGP2
UniRef90_U1NLZ7
UniRef90_B0XC16
UniRef90_M7WXC3
UniRef90_C4Y0D3
UniRef90_O60155
UniRef90_S6BFW2
UniRef90_J9DIB4
UniRef90_UPI000359DB66
UniRef90_U4KSV4
UniRef90_U1MT79
UniRef90_X6MGV1
UniRef90_W0K233
UniRef90_I4YH77
UniRef90_N6TB37
UniRef90_G0U449
UniRef90_R6NEQ2
UniRef90_I1C6E7
UniRef90_I1FYZ4
UniRef90_V4JYC9
UniRef90_UPI000265856D
UniRef90_T1G3F3
UniRef90_T2MHA2
UniRef90_Q6MBK1
UniRef90_E0S5Z4
UniRef90_V4JYN4
UniRef90_A4SFS0
UniRef90_I7M6I2
UniRef90_UPI000369AAC3
UniRef90_E2BUI8
UniRef90_A4RYY0
UniRef90_R7L4P3
UniRef90_U9T0Z9
UniRef90_M0M5F7
UniRef90_F2DWX7
UniRef90_W5SNA8
UniRef90_F4PGV1
UniRef90_R9XFR8
UniRef90_F4BA58
UniRef90_M4B7C6
UniRef90_K1VTU2
UniRef90_D5EP64
UniRef90_Q4A5S0
UniRef90_R7U613
UniRef90_Q74ND5
UniRef90_R4XIH1
UniRef90_A9CSI2
UniRef90_Q7YZ69
UniRef90_S8EF71
UniRef90_G7DVX7
UniRef90_D6YUF5
UniRef90_A0RUI8
UniRef90_M0CGQ7
UniRef90_K1XCG7
UniRef90_I4DK62
UniRef90_Q12ZC6
UniRef90_T0MR89

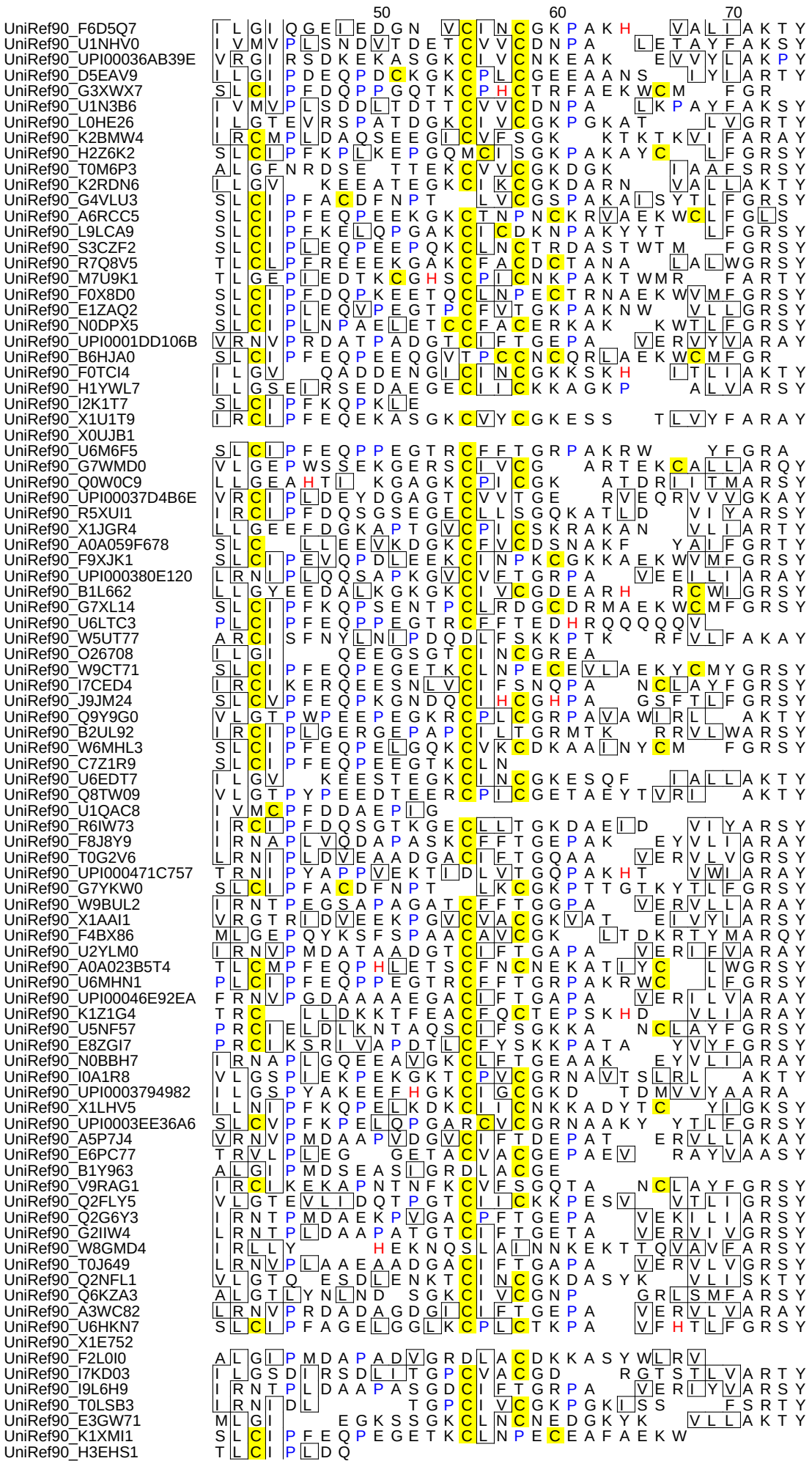

1
10
20
30
40
UniRef90_T1PD31
UniRef90_Q8TJA2
UniRef90_M0MHC2
UniRef90_Q3IS99
UniRef90_W0JP10
UniRef90_Q979Q5
UniRef90_K0SBF7
UniRef90_A0A059LQX5
UniRef90_E4XSP8
UniRef90_F6UWY6
UniRef90_F2UBC5
UniRef90_D1YZQ3
UniRef90_C3XZ88
UniRef90_UPI00047CD5B7
UniRef90_G8ZT60
UniRef90_T1HR21
UniRef90_S7Q288
UniRef90_U5H235
UniRef90_Q6KIE6
UniRef90_L1IBU9
UniRef90_J9EP13
UniRef90_UPI0002C315D5
UniRef90_N1NQ46
UniRef90_M5X8U2
UniRef90_M2TE77
UniRef90_S7XLM2
UniRef90_A0CKG8
UniRef90_L2GVY7
UniRef90_A0A031LMX9
UniRef90_W7TR23
UniRef90_R5RAE0
UniRef90_F4NSZ0
UniRef90_X0FSE6
UniRef90_A2ST96
UniRef90_U6E0B9
UniRef90_A5IXQ8
UniRef90_K1QNW9
UniRef90_U5GEJ6
UniRef90_A0A022T437
UniRef90_C9S5L5
UniRef90_E6N4T2
UniRef90_Q6C6Z6
UniRef90_UPI0002C340F8
UniRef90_UPI000455FFF7
UniRef90_E5S0B6
UniRef90_F0YK75
UniRef90_K4MGA8
UniRef90_UPI0003651E8C
UniRef90_B9LUM0
UniRef90_L7VW23
UniRef90_W1PFT0
UniRef90_V4HEC3
UniRef90_T1EDH0
UniRef90_L0HHM0
UniRef90_Q600Q7
UniRef90_A0A017TH00
UniRef90_A4YI09
UniRef90_E7QTB2
UniRef90_R1E345
UniRef90_M1W1T2
UniRef90_A0A024SGE8
UniRef90_J7M4K3
UniRef90_W5J719
UniRef90_S4P7M7
UniRef90_L0ADD4
UniRef90_R4W022
UniRef90_C5KSB7
UniRef90_E2AH59
UniRef90_Q7NBP5
UniRef90_C3N6D0
UniRef90_B5IC17
UniRef90_W3XDF2
UniRef90_R5VX96
UniRef90_M5FUT7
UniRef90_Q7UGJ7
UniRef90_A3ZZS4
UniRef90_Q0CVE1
UniRef90_UPI0002652B81
UniRef90_S7ZQU4
UniRef90_UPI0002375473
UniRef90_H6BN88
UniRef90_V9D3J8
UniRef90_U7Q8U4
UniRef90_U1NV02
UniRef90_L0IDZ8
UniRef90_UPI0003762A0A
UniRef90_V9K7K7
UniRef90_UPI00036DC854
UniRef90_N9QZQ7
UniRef90_V4XYV3
UniRef90_U6ING1
UniRef90_G2MJ89

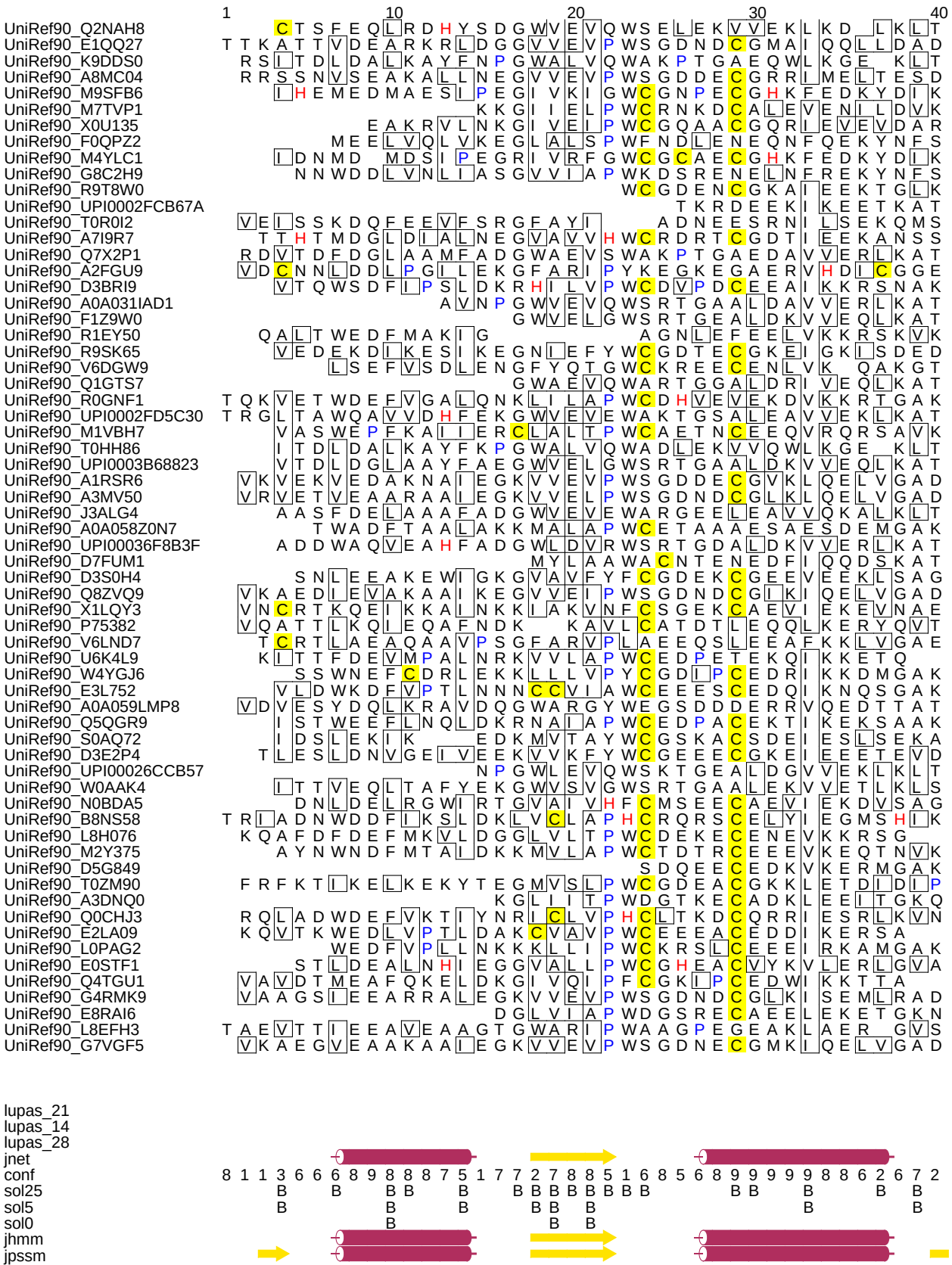

50
60
70
UniRef90_T1PD31
UniRef90_Q8TJA2
UniRef90_M0MHC2
UniRef90_Q3IS99
UniRef90_W0JP10
UniRef90_Q979Q5
UniRef90_K0SBF7
UniRef90_A0A059LQX5
UniRef90_E4XSP8
UniRef90_F6UWY6
UniRef90_F2UBC5
UniRef90_D1YZQ3
UniRef90_C3XZ88
UniRef90_UPI00047CD5B7
UniRef90_G8ZT60
UniRef90_T1HR21
UniRef90_S7Q288
UniRef90_U5H235
UniRef90_Q6KIE6
UniRef90_L1IBU9
UniRef90_J9EP13
UniRef90_UPI0002C315D5
UniRef90_N1NQ46
UniRef90_M5X8U2
UniRef90_M2TE77
UniRef90_S7XLM2
UniRef90_A0CKG8
UniRef90_L2GVY7
UniRef90_A0A031LMX9
UniRef90_W7TR23
UniRef90_R5RAE0
UniRef90_F4NSZ0
UniRef90_X0FSE6
UniRef90_A2ST96
UniRef90_U6E0B9
UniRef90_A5IXQ8
UniRef90_K1QNW9
UniRef90_U5GEJ6
UniRef90_A0A022T437
UniRef90_C9S5L5
UniRef90_E6N4T2
UniRef90_Q6C6Z6
UniRef90_UPI0002C340F8
UniRef90_UPI000455FFF7
UniRef90_E5S0B6
UniRef90_F0YK75
UniRef90_K4MGA8
UniRef90_UPI0003651E8C
UniRef90_B9LUM0
UniRef90_L7VW23
UniRef90_W1PFT0
UniRef90_V4HEC3
UniRef90_T1EDH0
UniRef90_L0HHM0
UniRef90_Q600Q7
UniRef90_A0A017TH00
UniRef90_A4YI09
UniRef90_E7QTB2
UniRef90_R1E345
UniRef90_M1W1T2
UniRef90_A0A024SGE8
UniRef90_J7M4K3
UniRef90_W5J719
UniRef90_S4P7M7
UniRef90_L0ADD4
UniRef90_R4W022
UniRef90_C5KSB7
UniRef90_E2AH59
UniRef90_Q7NBP5
UniRef90_C3N6D0
UniRef90_B5IC17
UniRef90_W3XDF2
UniRef90_R5VX96
UniRef90_M5FUT7
UniRef90_Q7UGJ7
UniRef90_A3ZZS4
UniRef90_Q0CVE1
UniRef90_UPI0002652B81
UniRef90_S7ZQU4
UniRef90_UPI0002375473
UniRef90_H6BN88
UniRef90_V9D3J8
UniRef90_U7Q8U4
UniRef90_U1NV02
UniRef90_L0IDZ8
UniRef90_UPI0003762A0A
UniRef90_V9K7K7
UniRef90_UPI00036DC854
UniRef90_N9QZQ7
UniRef90_V4XYV3
UniRef90_U6ING1
UniRef90_G2MJ89

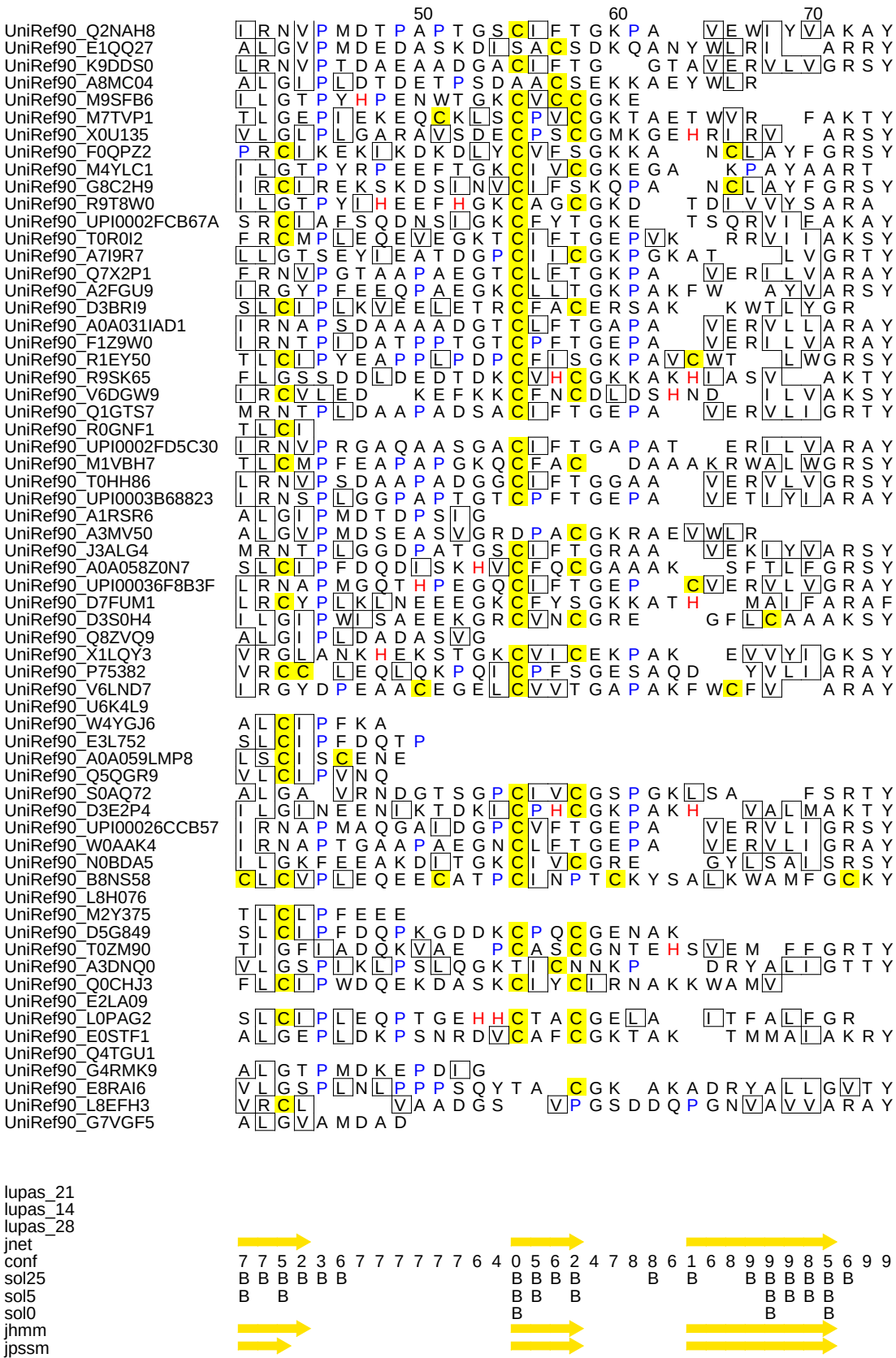

1
10
20
30
40
UniRef90_M7SZR1
UniRef90_Q4J8L4
UniRef90_M5RV12
UniRef90_J9G4Y5
UniRef90_A0A024FYV7
UniRef90_G0QLC2
UniRef90_H3DUY5
UniRef90_T1IPR4
UniRef90_B1AJ93
UniRef90_V5FL88
UniRef90_A8PJX1
UniRef90_W4GVM1
UniRef90_E1ZT46
UniRef90_U1QDB9
UniRef90_Q2NJ01
UniRef90_U3AAY4
UniRef90_R6I1H1
UniRef90_H3AUQ1
UniRef90_H8ZDK2
UniRef90_R7YG54
UniRef90_E3QMP6
UniRef90_X1RBH8
UniRef90_Q9HJN0
UniRef90_V5A2D4
UniRef90_T1BUN5
UniRef90_UPI0003B747A7
UniRef90_J3EYM6
UniRef90_Q54Q07
UniRef90_G2QLU5
UniRef90_C4V8D9
UniRef90_S4R4M6
UniRef90_T2ZTZ9
UniRef90_F4R908
UniRef90_K8F0B8
UniRef90_K7I4Q4
UniRef90_H2SX04
UniRef90_M2M530
UniRef90_D7EA72
UniRef90_J9FNU7
UniRef90_D9PWI8
UniRef90_T0L437
UniRef90_U1PSH1
UniRef90_W5K386
UniRef90_Q7XZD3
UniRef90_S5DS98
UniRef90_A8A9E3
UniRef90_Q3SB96
UniRef90_A0A014L6J4
UniRef90_F2SGL1
UniRef90_L0ALK4
UniRef90_M5TWQ2
UniRef90_L8GBR7
UniRef90_A9NRH6
UniRef90_K3WC49
UniRef90_A5UJW4
UniRef90_B8LCI1
UniRef90_B3R0N8
UniRef90_G0QBR0
UniRef90_T0RLB4
UniRef90_R8BP52
UniRef90_G0EDR3
UniRef90_D2R7X6
UniRef90_X0UIL6
UniRef90_A0B9N3
UniRef90_N1J7L3
UniRef90_UPI0003818D32
UniRef90_Q027I0
UniRef90_J3KGR4
UniRef90_Q971B5
UniRef90_B2B3M4
UniRef90_B0ER93
UniRef90_M7P4U1
UniRef90_F8AE99
UniRef90_M2Q2W8
UniRef90_I3EHD7
UniRef90_U1GKH1
UniRef90_F7XKP5
UniRef90_Q7RWB7
UniRef90_E1RI77
UniRef90_B1VAN9
UniRef90_F6IPK7
UniRef90_M7NVH1
UniRef90_U9GAN7
UniRef90_T0Y4X1
UniRef90_S5ZWD3
UniRef90_I7J5V0
UniRef90_K2DDY9
UniRef90_C5J5L6
UniRef90_J1L472
UniRef90_H2C9F3
UniRef90_G4NG70
UniRef90_C5K6R6


50
60
70
UniRef90_M7SZR1
UniRef90_Q4J8L4
UniRef90_M5RV12
UniRef90_J9G4Y5
UniRef90_A0A024FYV7
UniRef90_G0QLC2
UniRef90_H3DUY5
UniRef90_T1IPR4
UniRef90_B1AJ93
UniRef90_V5FL88
UniRef90_A8PJX1
UniRef90_W4GVM1
UniRef90_E1ZT46
UniRef90_U1QDB9
UniRef90_Q2NJ01
UniRef90_U3AAY4
UniRef90_R6I1H1
UniRef90_H3AUQ1
UniRef90_H8ZDK2
UniRef90_R7YG54
UniRef90_E3QMP6
UniRef90_X1RBH8
UniRef90_Q9HJN0
UniRef90_V5A2D4
UniRef90_T1BUN5
UniRef90_UPI0003B747A7
UniRef90_J3EYM6
UniRef90_Q54Q07
UniRef90_G2QLU5
UniRef90_C4V8D9
UniRef90_S4R4M6
UniRef90_T2ZTZ9
UniRef90_F4R908
UniRef90_K8F0B8
UniRef90_K7I4Q4
UniRef90_H2SX04
UniRef90_M2M530
UniRef90_D7EA72
UniRef90_J9FNU7
UniRef90_D9PWI8
UniRef90_T0L437
UniRef90_U1PSH1
UniRef90_W5K386
UniRef90_Q7XZD3
UniRef90_S5DS98
UniRef90_A8A9E3
UniRef90_Q3SB96
UniRef90_A0A014L6J4
UniRef90_F2SGL1
UniRef90_L0ALK4
UniRef90_M5TWQ2
UniRef90_L8GBR7
UniRef90_A9NRH6
UniRef90_K3WC49
UniRef90_A5UJW4
UniRef90_B8LCI1
UniRef90_B3R0N8
UniRef90_G0QBR0
UniRef90_T0RLB4
UniRef90_R8BP52
UniRef90_G0EDR3
UniRef90_D2R7X6
UniRef90_X0UIL6
UniRef90_A0B9N3
UniRef90_N1J7L3
UniRef90_UPI0003818D32
UniRef90_Q027I0
UniRef90_J3KGR4
UniRef90_Q971B5
UniRef90_B2B3M4
UniRef90_B0ER93
UniRef90_M7P4U1
UniRef90_F8AE99
UniRef90_M2Q2W8
UniRef90_I3EHD7
UniRef90_U1GKH1
UniRef90_F7XKP5
UniRef90_Q7RWB7
UniRef90_E1RI77
UniRef90_B1VAN9
UniRef90_F6IPK7
UniRef90_M7NVH1
UniRef90_U9GAN7
UniRef90_T0Y4X1
UniRef90_S5ZWD3
UniRef90_I7J5V0
UniRef90_K2DDY9
UniRef90_C5J5L6
UniRef90_J1L472
UniRef90_H2C9F3
UniRef90_G4NG70
UniRef90_C5K6R6


1
10
20
30
40
UniRef90_F6D5Q7
UniRef90_U1NHV0
UniRef90_UPI00036AB39E
UniRef90_D5EAV9
UniRef90_G3XWX7
UniRef90_U1N3B6
UniRef90_L0HE26
UniRef90_K2BMW4
UniRef90_H2Z6K2
UniRef90_T0M6P3
UniRef90_K2RDN6
UniRef90_G4VLU3
UniRef90_A6RCC5
UniRef90_L9LCA9
UniRef90_S3CZF2
UniRef90_R7Q8V5
UniRef90_M7U9K1
UniRef90_F0X8D0
UniRef90_E1ZAQ2
UniRef90_N0DPX5
UniRef90_UPI0001DD106B
UniRef90_B6HJA0
UniRef90_F0TCI4
UniRef90_H1YWL7
UniRef90_I2K1T7
UniRef90_X1U1T9
UniRef90_X0UJB1
UniRef90_U6M6F5
UniRef90_G7WMD0
UniRef90_Q0W0C9
UniRef90_UPI00037D4B6E
UniRef90_R5XUI1
UniRef90_X1JGR4
UniRef90_A0A059F678
UniRef90_F9XJK1
UniRef90_UPI000380E120
UniRef90_B1L662
UniRef90_G7XL14
UniRef90_U6LTC3
UniRef90_W5UT77
UniRef90_O26708
UniRef90_W9CT71
UniRef90_I7CED4
UniRef90_J9JM24
UniRef90_Q9Y9G0
UniRef90_B2UL92
UniRef90_W6MHL3
UniRef90_C7Z1R9
UniRef90_U6EDT7
UniRef90_Q8TW09
UniRef90_U1QAC8
UniRef90_R6IW73
UniRef90_F8J8Y9
UniRef90_T0G2V6
UniRef90_UPI000471C757
UniRef90_G7YKW0
UniRef90_W9BUL2
UniRef90_X1AAI1
UniRef90_F4BX86
UniRef90_U2YLM0
UniRef90_A0A023B5T4
UniRef90_U6MHN1
UniRef90_UPI00046E92EA
UniRef90_K1Z1G4
UniRef90_U5NF57
UniRef90_E8ZGI7
UniRef90_N0BBH7
UniRef90_I0A1R8
UniRef90_UPI0003794982
UniRef90_X1LHV5
UniRef90_UPI0003EE36A6
UniRef90_A5P7J4
UniRef90_E6PC77
UniRef90_B1Y963
UniRef90_V9RAG1
UniRef90_Q2FLY5
UniRef90_Q2G6Y3
UniRef90_G2IIW4
UniRef90_W8GMD4
UniRef90_T0J649
UniRef90_Q2NFL1
UniRef90_Q6KZA3
UniRef90_A3WC82
UniRef90_U6HKN7
UniRef90_X1E752
UniRef90_F2L0I0
UniRef90_I7KD03
UniRef90_I9L6H9
UniRef90_T0LSB3
UniRef90_E3GW71
UniRef90_K1XMI1
UniRef90_H3EHS1


50
60
70
UniRef90_F6D5Q7
UniRef90_U1NHV0
UniRef90_UPI00036AB39E
UniRef90_D5EAV9
UniRef90_G3XWX7
UniRef90_U1N3B6
UniRef90_L0HE26
UniRef90_K2BMW4
UniRef90_H2Z6K2
UniRef90_T0M6P3
UniRef90_K2RDN6
UniRef90_G4VLU3
UniRef90_A6RCC5
UniRef90_L9LCA9
UniRef90_S3CZF2
UniRef90_R7Q8V5
UniRef90_M7U9K1
UniRef90_F0X8D0
UniRef90_E1ZAQ2
UniRef90_N0DPX5
UniRef90_UPI0001DD106B
UniRef90_B6HJA0
UniRef90_F0TCI4
UniRef90_H1YWL7
UniRef90_I2K1T7
UniRef90_X1U1T9
UniRef90_X0UJB1
UniRef90_U6M6F5
UniRef90_G7WMD0
UniRef90_Q0W0C9
UniRef90_UPI00037D4B6E
UniRef90_R5XUI1
UniRef90_X1JGR4
UniRef90_A0A059F678
UniRef90_F9XJK1
UniRef90_UPI000380E120
UniRef90_B1L662
UniRef90_G7XL14
UniRef90_U6LTC3
UniRef90_W5UT77
UniRef90_O26708
UniRef90_W9CT71
UniRef90_I7CED4
UniRef90_J9JM24
UniRef90_Q9Y9G0
UniRef90_B2UL92
UniRef90_W6MHL3
UniRef90_C7Z1R9
UniRef90_U6EDT7
UniRef90_Q8TW09
UniRef90_U1QAC8
UniRef90_R6IW73
UniRef90_F8J8Y9
UniRef90_T0G2V6
UniRef90_UPI000471C757
UniRef90_G7YKW0
UniRef90_W9BUL2
UniRef90_X1AAI1
UniRef90_F4BX86
UniRef90_U2YLM0
UniRef90_A0A023B5T4
UniRef90_U6MHN1
UniRef90_UPI00046E92EA
UniRef90_K1Z1G4
UniRef90_U5NF57
UniRef90_E8ZGI7
UniRef90_N0BBH7
UniRef90_I0A1R8
UniRef90_UPI0003794982
UniRef90_X1LHV5
UniRef90_UPI0003EE36A6
UniRef90_A5P7J4
UniRef90_E6PC77
UniRef90_B1Y963
UniRef90_V9RAG1
UniRef90_Q2FLY5
UniRef90_Q2G6Y3
UniRef90_G2IIW4
UniRef90_W8GMD4
UniRef90_T0J649
UniRef90_Q2NFL1
UniRef90_Q6KZA3
UniRef90_A3WC82
UniRef90_U6HKN7
UniRef90_X1E752
UniRef90_F2L0I0
UniRef90_I7KD03
UniRef90_I9L6H9
UniRef90_T0LSB3
UniRef90_E3GW71
UniRef90_K1XMI1
UniRef90_H3EHS1


1
10
20
30
40
UniRef90_Q2NAH8
UniRef90_E1QQ27
UniRef90_K9DDS0
UniRef90_A8MC04
UniRef90_M9SFB6
UniRef90_M7TVP1
UniRef90_X0U135
UniRef90_F0QPZ2
UniRef90_M4YLC1
UniRef90_G8C2H9
UniRef90_R9T8W0
UniRef90_UPI0002FCB67A
UniRef90_T0R0I2
UniRef90_A7I9R7
UniRef90_Q7X2P1
UniRef90_A2FGU9
UniRef90_D3BRI9
UniRef90_A0A031IAD1
UniRef90_F1Z9W0
UniRef90_R1EY50
UniRef90_R9SK65
UniRef90_V6DGW9
UniRef90_Q1GTS7
UniRef90_R0GNF1
UniRef90_UPI0002FD5C30
UniRef90_M1VBH7
UniRef90_T0HH86
UniRef90_UPI0003B68823
UniRef90_A1RSR6
UniRef90_A3MV50
UniRef90_J3ALG4
UniRef90_A0A058Z0N7
UniRef90_UPI00036F8B3F
UniRef90_D7FUM1
UniRef90_D3S0H4
UniRef90_Q8ZVQ9
UniRef90_X1LQY3
UniRef90_P75382
UniRef90_V6LND7
UniRef90_U6K4L9
UniRef90_W4YGJ6
UniRef90_E3L752
UniRef90_A0A059LMP8
UniRef90_Q5QGR9
UniRef90_S0AQ72
UniRef90_D3E2P4
UniRef90_UPI00026CCB57
UniRef90_W0AAK4
UniRef90_N0BDA5
UniRef90_B8NS58
UniRef90_L8H076
UniRef90_M2Y375
UniRef90_D5G849
UniRef90_T0ZM90
UniRef90_A3DNQ0
UniRef90_Q0CHJ3
UniRef90_E2LA09
UniRef90_L0PAG2
UniRef90_E0STF1
UniRef90_Q4TGU1
UniRef90_G4RMK9
UniRef90_E8RAI6
UniRef90_L8EFH3
UniRef90_G7VGF5
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


50
60
70
UniRef90_Q2NAH8
UniRef90_E1QQ27
UniRef90_K9DDS0
UniRef90_A8MC04
UniRef90_M9SFB6
UniRef90_M7TVP1
UniRef90_X0U135
UniRef90_F0QPZ2
UniRef90_M4YLC1
UniRef90_G8C2H9
UniRef90_R9T8W0
UniRef90_UPI0002FCB67A
UniRef90_T0R0I2
UniRef90_A7I9R7
UniRef90_Q7X2P1
UniRef90_A2FGU9
UniRef90_D3BRI9
UniRef90_A0A031IAD1
UniRef90_F1Z9W0
UniRef90_R1EY50
UniRef90_R9SK65
UniRef90_V6DGW9
UniRef90_Q1GTS7
UniRef90_R0GNF1
UniRef90_UPI0002FD5C30
UniRef90_M1VBH7
UniRef90_T0HH86
UniRef90_UPI0003B68823
UniRef90_A1RSR6
UniRef90_A3MV50
UniRef90_J3ALG4
UniRef90_A0A058Z0N7
UniRef90_UPI00036F8B3F
UniRef90_D7FUM1
UniRef90_D3S0H4
UniRef90_Q8ZVQ9
UniRef90_X1LQY3
UniRef90_P75382
UniRef90_V6LND7
UniRef90_U6K4L9
UniRef90_W4YGJ6
UniRef90_E3L752
UniRef90_A0A059LMP8
UniRef90_Q5QGR9
UniRef90_S0AQ72
UniRef90_D3E2P4
UniRef90_UPI00026CCB57
UniRef90_W0AAK4
UniRef90_N0BDA5
UniRef90_B8NS58
UniRef90_L8H076
UniRef90_M2Y375
UniRef90_D5G849
UniRef90_T0ZM90
UniRef90_A3DNQ0
UniRef90_Q0CHJ3
UniRef90_E2LA09
UniRef90_L0PAG2
UniRef90_E0STF1
UniRef90_Q4TGU1
UniRef90_G4RMK9
UniRef90_E8RAI6
UniRef90_L8EFH3
UniRef90_G7VGF5
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm