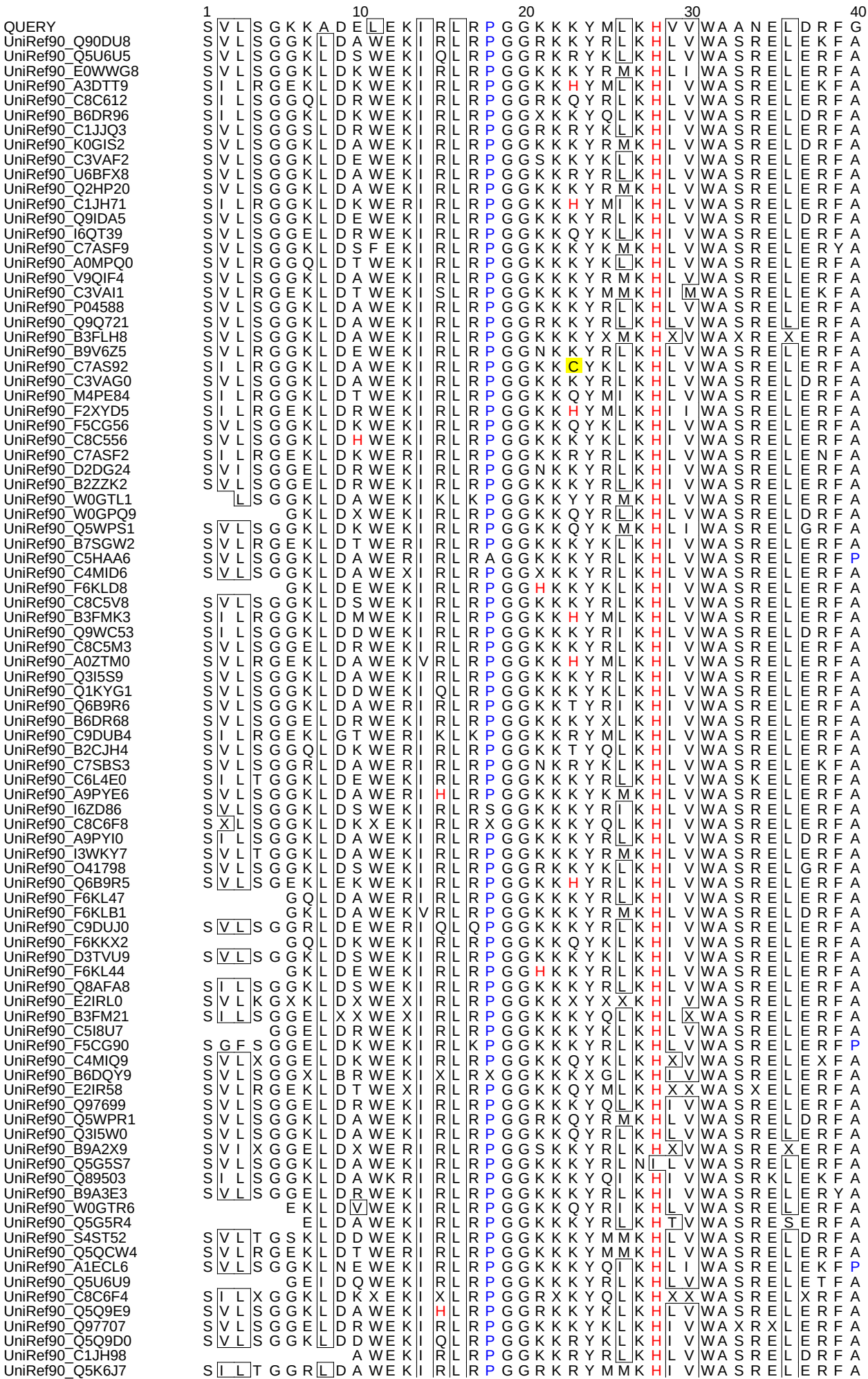
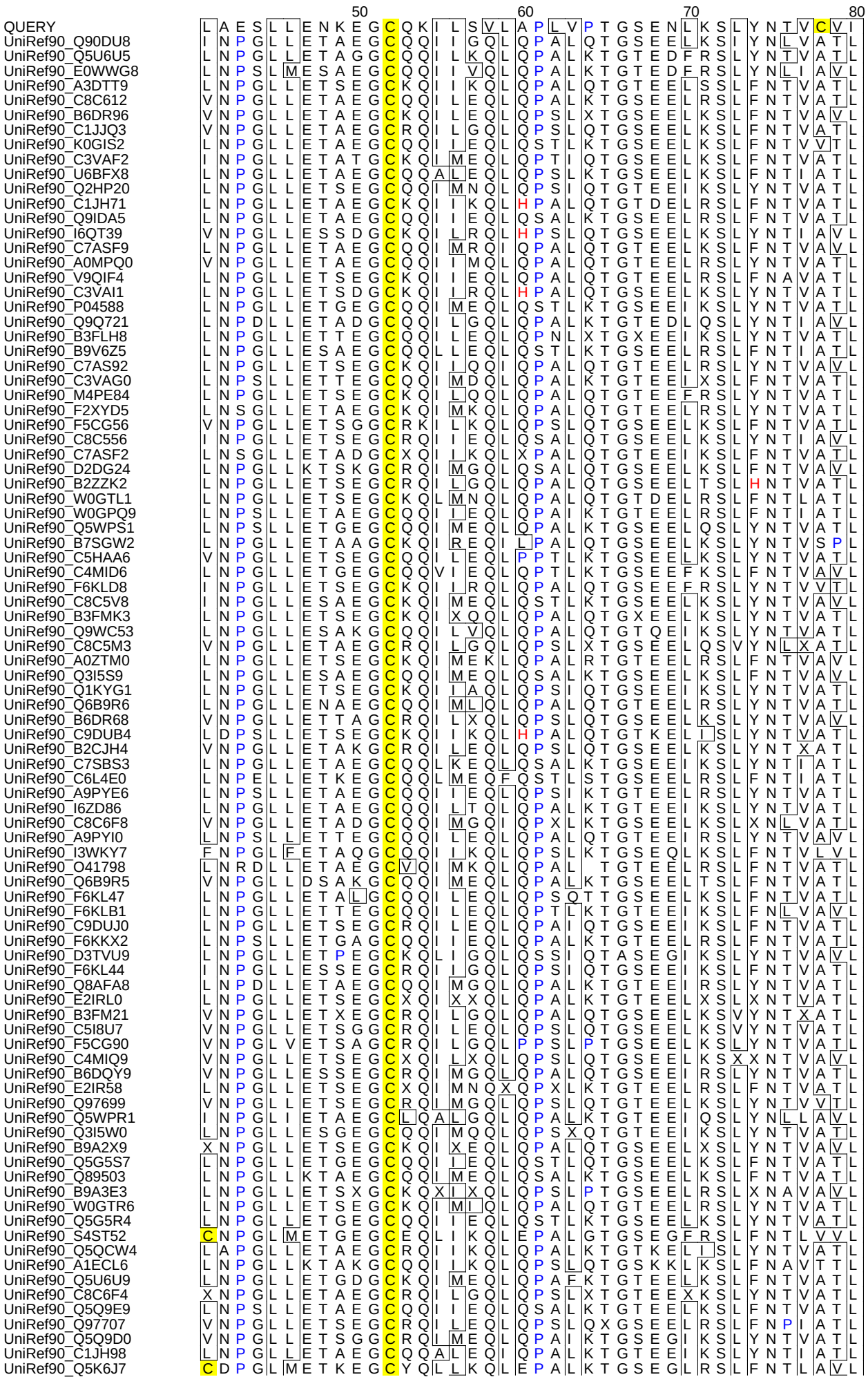
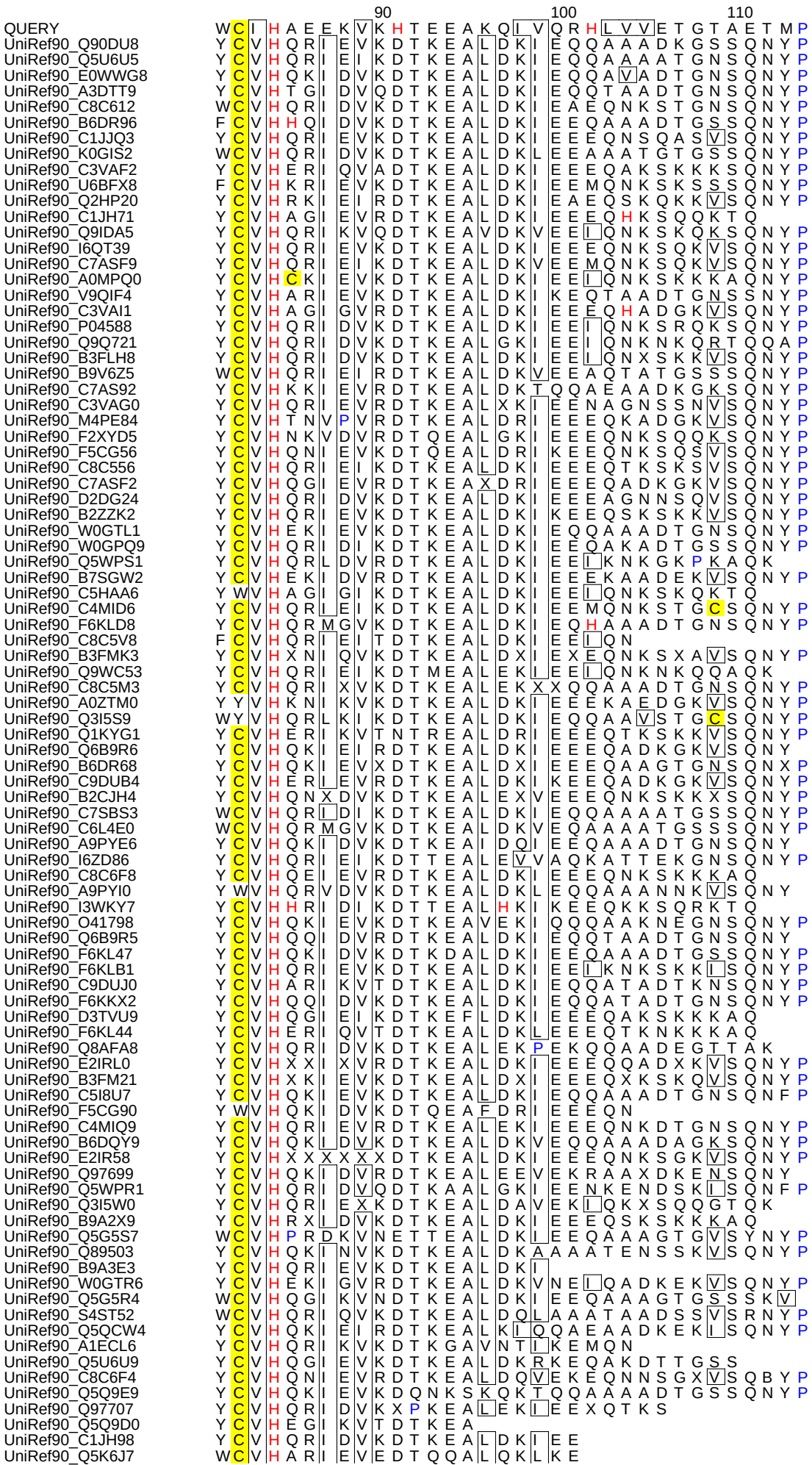
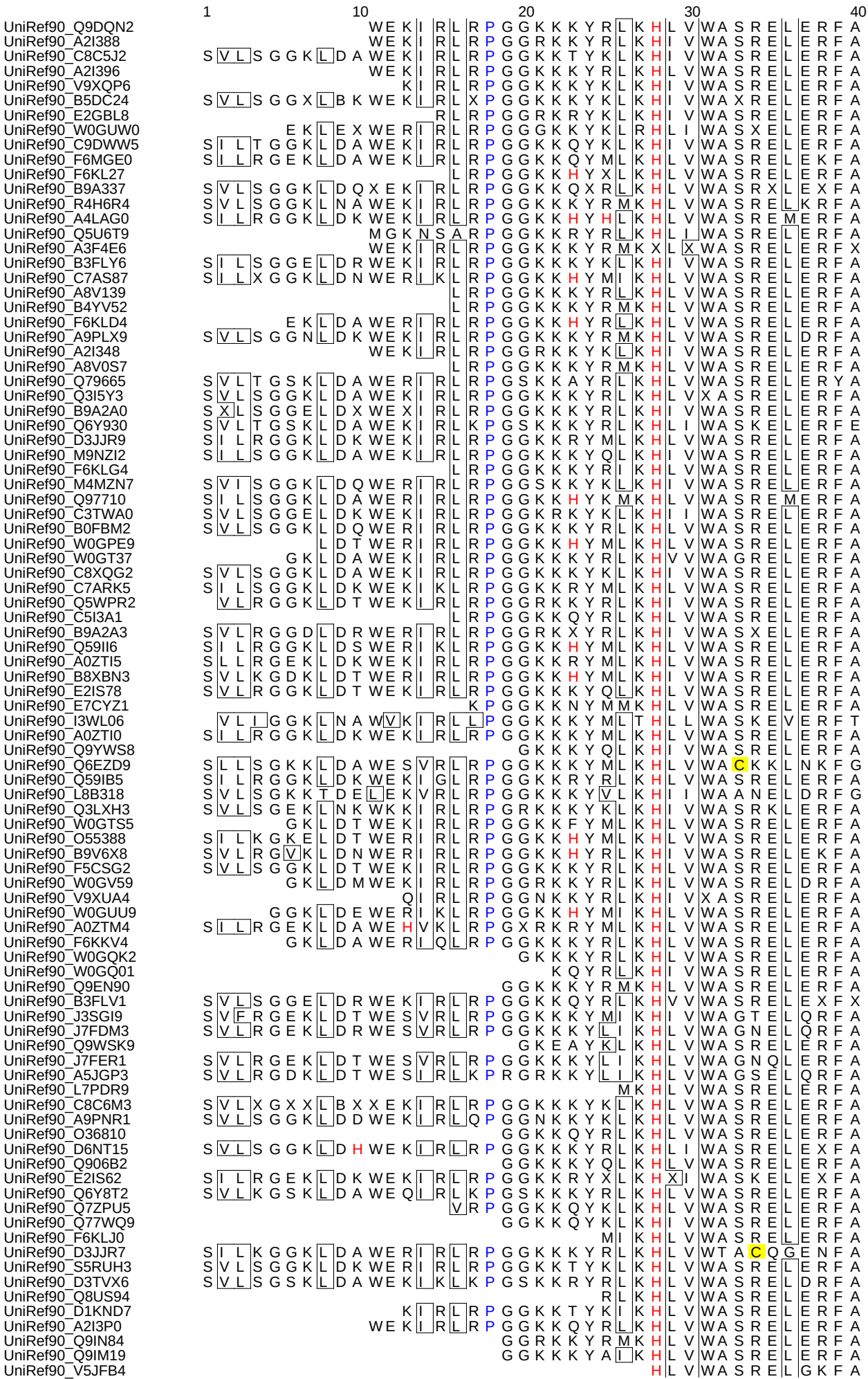
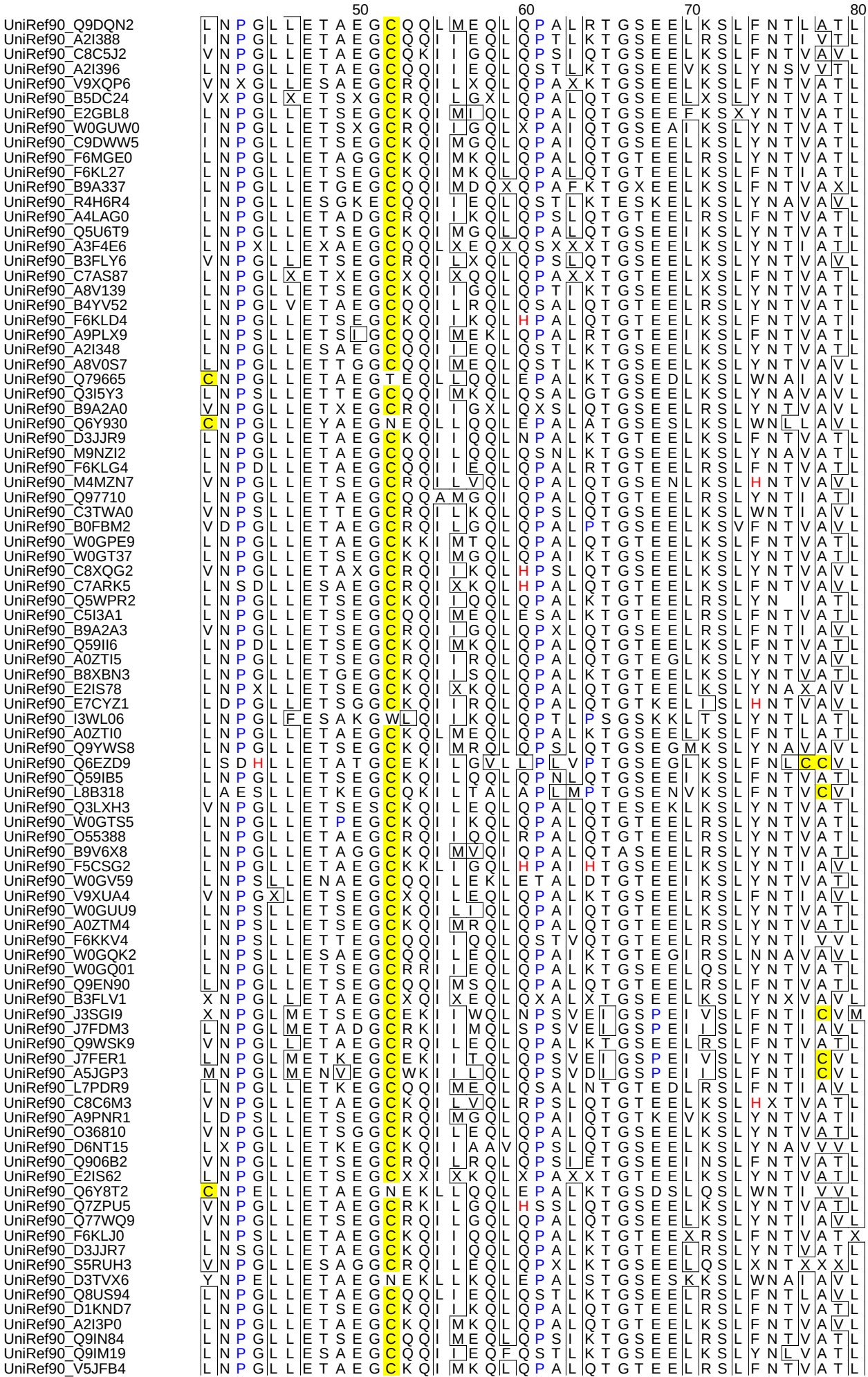
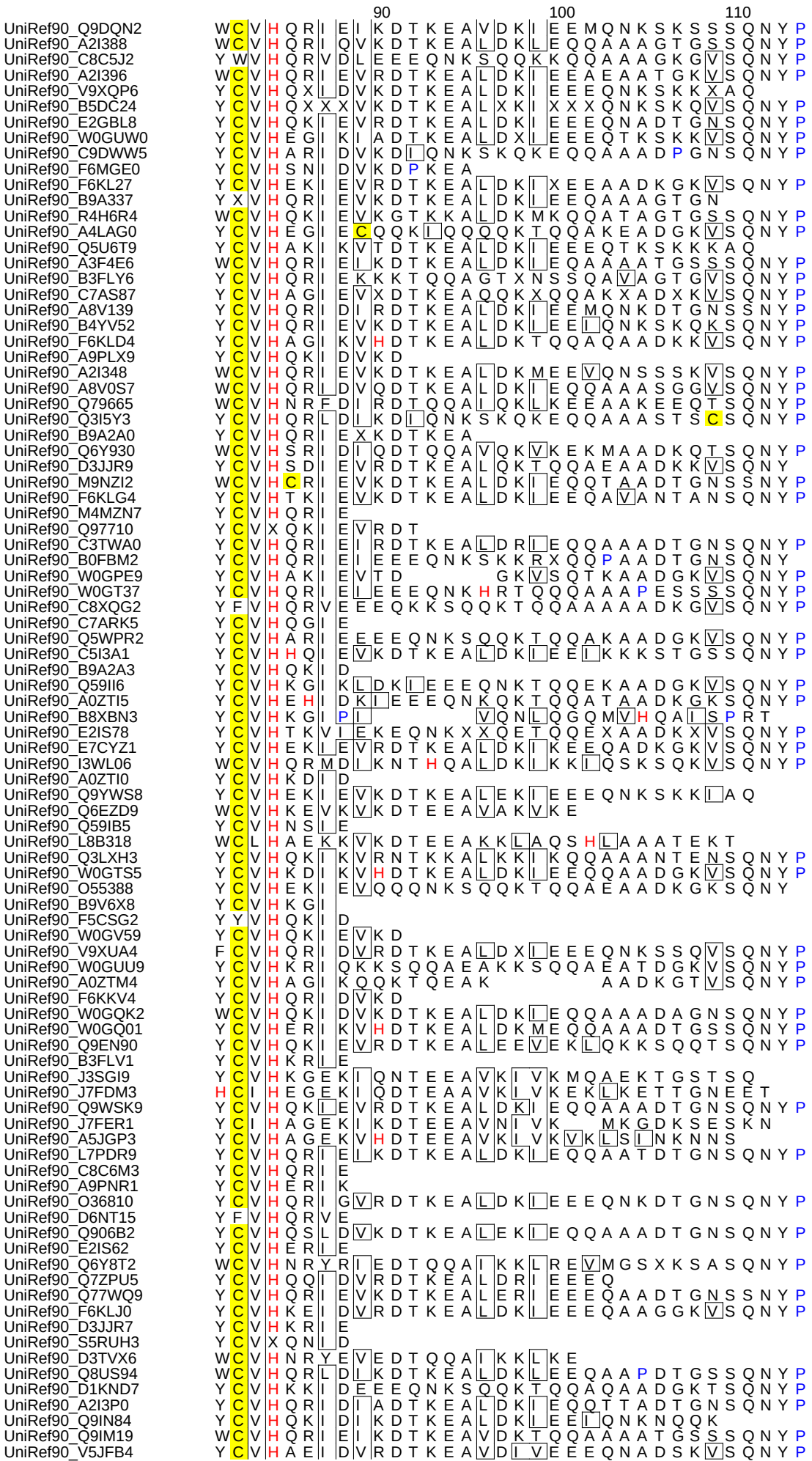

1 10 20 30 40
QUERY S V L S G K K A D E L E K I R L R P G G K K K Y M L K H V V W A A N E L D R F G
UniRef90_Q90DU8 S V L S G G K L D A W E K I R L R P G G R K K Y R L K H L V W A S R E L E K F A
UniRef90_Q5U6U5 S V L S G G K L D S W E K I Q L R P G G R K R Y K L K H L V W A S R E L E R F A
UniRef90_E0WWG8 S V L S G G K L D K W E K I R L R P G G K K K Y R M K H L I W A S R E L E R F A
UniRef90_A3DTT9 S I L R G E K L D K W E K I R L R P G G K K H Y M L K H I V W A S R E L E K F A
UniRef90_C8C612 S I L S G G Q L D R W E K I R L R P G G R K Q Y R L K H L V W A S R E L E R F A
UniRef90_B6DR96 S I L S G G K L D K W E K I R L R P G G X K K Y Q L K H L V W A S R E L D R F A
UniRef90_C1JJQ3 S V L S G G S L D R W E K I R L R P G G R K R Y K L K H I V W A S R E L E R F A
UniRef90_K0GIS2 S V L S G G K L D A W E K I R L R P G G K K K Y R M K H L V W A S R E L D R F A
UniRef90_C3VAF2 S V L S G G K L D E W E K I R L R P G G S K K Y K L K H I V W A S R E L E R F A
UniRef90_U6BFX8 S V L S G G K L D A W E K I R L R P G G K K R Y R L K H L V W A S R E L E R F A
UniRef90_Q2HP20 S V L S G G K L D A W E K I R L R P G G K K K Y R M K H L V W A S R E L E R F A
UniRef90_C1JH71 S I L R G G K L D K W E R I R L R P G G K K H Y M I K H L V W A S R E L E R F A
UniRef90_Q9IDA5 S V L S G G K L D E W E K I R L R P G G K K K Y R L K H L V W A S R E L D R F A
UniRef90_I6QT39 S V L S G G E L D R W E K I R L R P G G K K Q Y K L K H I V W A S R E L E R F A
UniRef90_C7ASF9 S V L S G G K L D S F E K I R L R P G G K K K Y K M K H L V W A S R E L E R Y A
UniRef90_A0MPQ0 S V L R G G Q L D T W E K I R L R P G G K K K Y K L K H L V W A S R E L E R F A
UniRef90_V9QIF4 S V L S G G K L D A W E K I R L R P G G K K K Y R M K H L V W A S R E L E R F A
UniRef90_C3VAI1 S V L R G E K L D T W E K I S L R P G G K K K Y M M K H I M W A S R E L E K F A
UniRef90_P04588 S V L S G G K L D A W E K I R L R P G G K K K Y R L K H L V W A S R E L E R F A
UniRef90_Q9Q721 S V L S G G K L D A W E K I R L R P G G R K K Y R L K H L V W A S R E L E R F A
UniRef90_B3FLH8 S V L S G G K L D A W E K I R L R P G G K K K Y X M K H X V W A X R E X E R F A
UniRef90_B9V6Z5 S V L R G G K L D E W E K I R L R P G G N K K Y R L K H L V W A S R E L E R F A
UniRef90_C7AS92 S I L R G G K L D A W E K I R L R P G G K K C Y K L K H L V W A S R E L E R F A
UniRef90_C3VAG0 S V L S G G K L D A W E K I R L R P G G K K K Y R L K H L V W A S R E L D R F A
UniRef90_M4PE84 S I L R G G K L D T W E K I R L R P G G K K Q Y M I K H L V W A S R E L E R F A
UniRef90_F2XYD5 S I L R G E K L D R W E K I R L R P G G K K H Y M L K H I I W A S R E L E R F A
UniRef90_F5CG56 S V L S G G K L D K W E K I R L R P G G K K Q Y K L K H L V W A S R E L E R F A
UniRef90_C8C556 S V L S G G K L D H W E K I R L R P G G K K K Y K L K H I V W A S R E L E R F A
UniRef90_C7ASF2 S I L R G E K L D K W E R I R L R P G G K K R Y R L K H L V W A S R E L E N F A
UniRef90_D2DG24 S V I S G G E L D R W E K I R L R P G G N K K Y R L K H I V W A S R E L E R F A
UniRef90_B2ZZK2 S V L S G G E L D R W E K I R L R P G G K K K Y R L K H I V W A S R E L E R F A
UniRef90_W0GTL1 L S G G K L D A W E K I K L K P G G K K Y Y R M K H L V W A S R E L E R F A
UniRef90_W0GPQ9 G K L D X W E K I R L R P G G K K Q Y R L K H L V W A S R E L D R F A
UniRef90_Q5WPS1 S V L S G G K L D K W E K I R L R P G G K K Q Y K M K H L I W A S R E L G R F A
UniRef90_B7SGW2 S V L R G E K L D T W E R I R L R P G G K K K Y K L K H I V W A S R E L E R F A
UniRef90_C5HAA6 S V L S G G K L D A W E R I R L R A G G K K K Y R L K H L V W A S R E L E R F P
UniRef90_C4MID6 S V L S G G K L D A W E X I R L R P G G X K K Y R L K H L V W A S R E L E R F A
UniRef90_F6KLD8 G K L D E W E K I R L R P G G H K K Y K L K H I V W A S R E L E R F A
UniRef90_C8C5V8 S V L S G G K L D S W E K I R L R P G G K K K Y R L K H L V W A S R E L E R F A
UniRef90_B3FMK3 S I L R G G K L D M W E K I R L R P G G K K H Y M L K H L V W A S R E L E R F A
UniRef90_Q9WC53 S I L S G G K L D D W E K I R L R P G G K K K Y R I K H L V W A S R E L D R F A
UniRef90_C8C5M3 S V L S G G E L D R W E K I R L R P G G K K K Y R L K H I V W A S R E L E R F A
UniRef90_A0ZTM0 S V L R G E K L D A W E K V R L R P G G K K H Y M L K H L V W A S R E L E R F A
UniRef90_Q3I5S9 S V L S G G K L D A W E K I R L R P G G K K K Y R L K H I V W A S R E L E R F A
UniRef90_Q1KYG1 S V L S G G K L D D W E K I Q L R P G G K K K Y K L K H L V W A S R E L E R F A
UniRef90_Q6B9R6 S V L S G G K L D A W E R I R L R P G G K K T Y R I K H I V W A S R E L E R F A
UniRef90_B6DR68 S V L S G G E L D R W E K I R L R P G G K K K Y X L K H I V W A S R E L E R F A
UniRef90_C9DUB4 S I L R G E K L G T W E R I K L K P G G K K R Y M L K H L V W A S R E L E R F A
UniRef90_B2CJH4 S V L S G G Q L D K W E R I R L R P G G K K T Y Q L K H I V W A S R E L E R F A
UniRef90_C7SBS3 S V L S G G R L D A W E R I R L R P G G N K R Y K L K H L V W A S R E L E K F A
UniRef90_C6L4E0 S I L T G G K L D E W E K I R L R P G G K K K Y R L K H L V W A S K E L E R F A
UniRef90_A9PYE6 S V L S G G K L D A W E R I H L R P G G K K K Y K M K H L V W A S R E L E R F A
UniRef90_I6ZD86 S V L S G G K L D S W E K I R L R S G G K K K Y R I K H L V W A S R E L E R F A
UniRef90_C8C6F8 S X L S G G K L D K X E K I R L R X G G K K K Y Q L K H I V W A S R E L E R F A
UniRef90_A9PYI0 S I L S G G K L D A W E K I R L R P G G K K K Y R L K H L V W A S R E L D R F A
UniRef90_I3WKY7 S V L T G G K L D A W E K I R L R P G G K K K Y R M K H L V W A S R E L E R F A
UniRef90_O41798 S V L S G G K L D S W E K I R L R P G G R K K Y K L K H I V W A S R E L G R F A
UniRef90_Q6B9R5 S V L S G E K L E K W E K I R L R P G G K K H Y R L K H L V W A S R E L E R F A
UniRef90_F6KL47 G Q L D A W E R I R L R P G G K K K Y R L K H I V W A S R E L E R F A
UniRef90_F6KLB1 G K L D A W E K V R L R P G G K K K Y R M K H L V W A S R E L D R F A
UniRef90_C9DUJ0 S V L S G G R L D E W E R I Q L Q P G G K K K Y R L K H I V W A S R E L E R F A
UniRef90_F6KKX2 G Q L D K W E K I R L R P G G K K Q Y K L K H I V W A S R E L E R F A
UniRef90_D3TVU9 S V L S G G K L D S W E K I R L R P G G K K K Y K L K H I V W A S R E L E R F A
UniRef90_F6KL44 G K L D E W E K I R L R P G G H K K Y R L K H L V W A S R E L E R F A
UniRef90_Q8AFA8 S I L S G G K L D S W E K I R L R P G G K K K Y R L K H L V W A S R E L E R F A
UniRef90_E2IRL0 S V L K G X K L D X W E X I R L R P G G K K X Y X X K H I V W A S R E L E R F A
UniRef90_B3FM21 S I L S G G E L X X W E X I R L R P G G K K K Y Q L K H L X W A S R E L E R F A
UniRef90_C5I8U7 G G E L D R W E K I R L R P G G K K K Y K L K H L V W A S R E L E R F A
UniRef90_F5CG90 S G F S G G E L D K W E K I R L K P G G K K K Y R L K H L V W A S R E L E R F P
UniRef90_C4MIQ9 S V L X G G E L D K W E K I R L R P G G K K Q Y K L K H X V W A S R E L E X F A
UniRef90_B6DQY9 S V L S G G X L B R W E K I X L R X G G K K K X G L K H I V W A S R E L E R F A
UniRef90_E2IR58 S V L R G E K L D T W E X I R L R P G G K K Q Y M L K H X X W A S X E L E R F A
UniRef90_Q97699 S V L S G G E L D R W E K I R L R P G G K K K Y Q L K H I V W A S R E L E R F A
UniRef90_Q5WPR1 S V L S G G K L D A W E K I R L R P G G R K Q Y R M K H L V W A S R E L D R F A
UniRef90_Q3I5W0 S V L S G G K L D A W E K I R L R P G G K K Q Y R L K H L V W A S R E L E R F A
UniRef90_B9A2X9 S V I X G G E L D X W E R I R L R P G G S K K Y R L K H X V W A S R E X E R F A
UniRef90_Q5G5S7 S V L S G G K L D A W E K I R L R P G G K K K Y R L N I L V W A S R E L E R F A
UniRef90_Q89503 S I L S G G K L D A W K R I R L R P G G K K K Y Q I K H I V W A S R K L E K F A
UniRef90_B9A3E3 S V L S G G E L D R W E K I R L R P G G K K K Y R L K H I V W A S R E L E R Y A
UniRef90_W0GTR6 E K L D V W E K I R L R P G G K K Q Y R I K H L V W A S R E L E R F A
UniRef90_Q5G5R4 E L D A W E K I R L R P G G K K K Y R L K H T V W A S R E S E R F A
UniRef90_S4ST52 S V L T G S K L D D W E K I R L R P G G K K K Y M M K H L V W A S R E L D R F A
UniRef90_Q5QCW4 S V L R G E K L D T W E R I R L R P G G K K K Y M M K H L V W A S R E L E R F A
UniRef90_A1ECL6 S V L S G G K L N E W E K I R L R P G G K K K Y Q I K H L I W A S R E L E K F P
UniRef90_Q5U6U9 G E I D Q W E K I R L R P G G K K K Y R L K H L V W A S R E L E T F A
UniRef90_C8C6F4 S I L X G G K L D K X E K I X L R P G G R X K Y Q L K H X X W A S R E L X R F A
UniRef90_Q5Q9E9 S V L S G G K L D A W E K I H L R P G G R K K Y K L K H L V W A S R E L E R F A
UniRef90_Q97707 S V L S G G E L D R W E K I R L R P G G K K K Y K L K H I V W A X R X L E R F A
UniRef90_Q5Q9D0 S V L S G G K L D D W E K I Q L R P G G K K R Y K L K H I V W A S R E L E R F A
UniRef90_C1JH98 A W E K I R L R P G G K K R Y R L K H L V W A S R E L D R F A
UniRef90_Q5K6J7 S I L T G G R L D A W E K I R L R P G G R K R Y M M K H I V W A S R E L E R F A

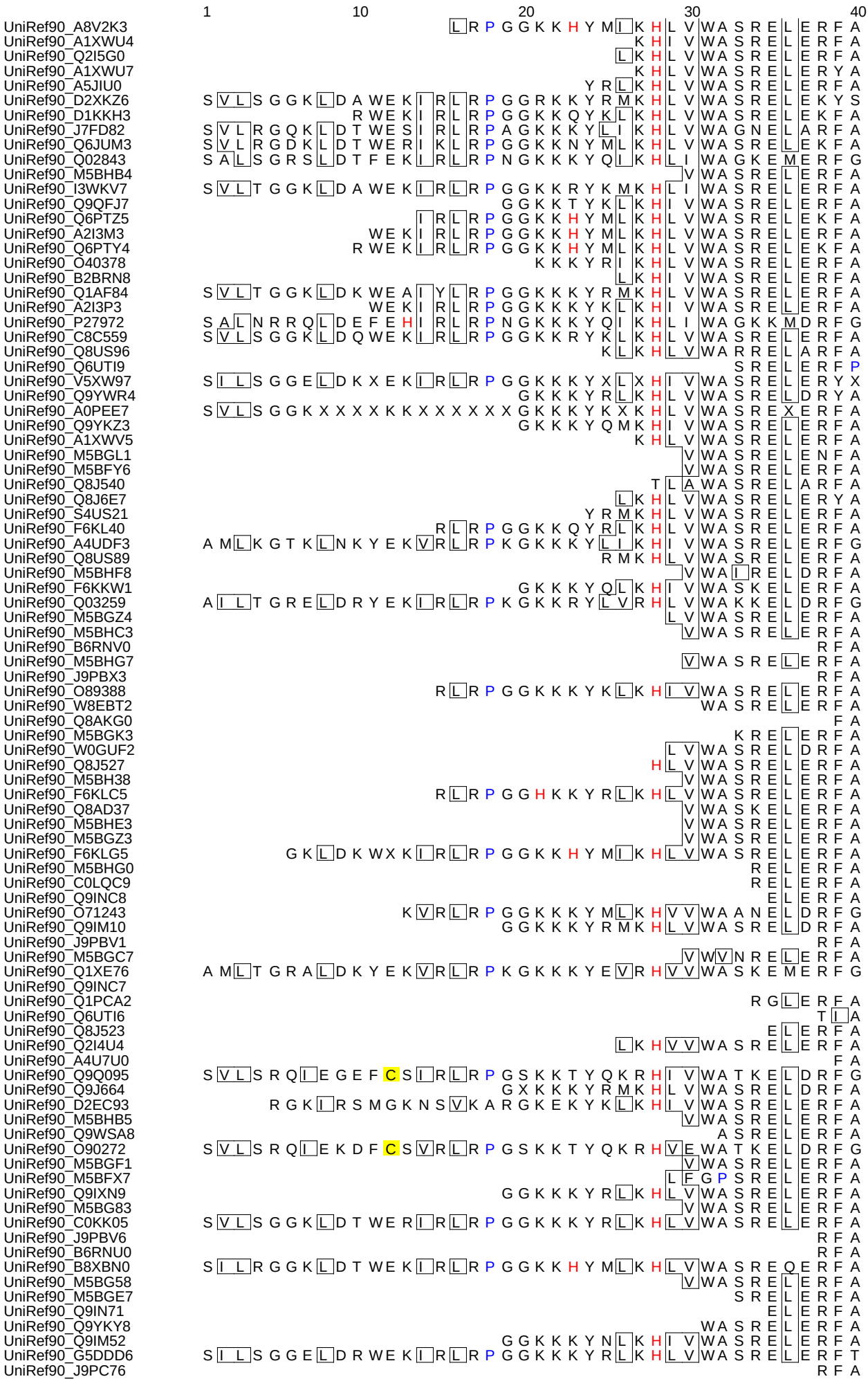

50
60
70
80
QUERY
UniRef90_Q90DU8
UniRef90_Q5U6U5
UniRef90_E0WWG8
UniRef90_A3DTT9
UniRef90_C8C612
UniRef90_B6DR96
UniRef90_C1JJQ3
UniRef90_K0GIS2
UniRef90_C3VAF2
UniRef90_U6BFX8
UniRef90_Q2HP20
UniRef90_C1JH71
UniRef90_Q9IDA5
UniRef90_I6QT39
UniRef90_C7ASF9
UniRef90_A0MPQ0
UniRef90_V9QIF4
UniRef90_C3VAI1
UniRef90_P04588
UniRef90_Q9Q721
UniRef90_B3FLH8
UniRef90_B9V6Z5
UniRef90_C7AS92
UniRef90_C3VAG0
UniRef90_M4PE84
UniRef90_F2XYD5
UniRef90_F5CG56
UniRef90_C8C556
UniRef90_C7ASF2
UniRef90_D2DG24
UniRef90_B2ZZK2
UniRef90_W0GTL1
UniRef90_W0GPQ9
UniRef90_Q5WPS1
UniRef90_B7SGW2
UniRef90_C5HAA6
UniRef90_C4MID6
UniRef90_F6KLD8
UniRef90_C8C5V8
UniRef90_B3FMK3
UniRef90_Q9WC53
UniRef90_C8C5M3
UniRef90_A0ZTM0
UniRef90_Q3I5S9
UniRef90_Q1KYG1
UniRef90_Q6B9R6
UniRef90_B6DR68
UniRef90_C9DUB4
UniRef90_B2CJH4
UniRef90_C7SBS3
UniRef90_C6L4E0
UniRef90_A9PYE6
UniRef90_I6ZD86
UniRef90_C8C6F8
UniRef90_A9PYI0
UniRef90_I3WKY7
UniRef90_O41798
UniRef90_Q6B9R5
UniRef90_F6KL47
UniRef90_F6KLB1
UniRef90_C9DUJ0
UniRef90_F6KKX2
UniRef90_D3TVU9
UniRef90_F6KL44
UniRef90_Q8AFA8
UniRef90_E2IRL0
UniRef90_B3FM21
UniRef90_C5I8U7
UniRef90_F5CG90
UniRef90_C4MIQ9
UniRef90_B6DQY9
UniRef90_E2IR58
UniRef90_Q97699
UniRef90_Q5WPR1
UniRef90_Q3I5W0
UniRef90_B9A2X9
UniRef90_Q5G5S7
UniRef90_Q89503
UniRef90_B9A3E3
UniRef90_W0GTR6
UniRef90_Q5G5R4
UniRef90_S4ST52
UniRef90_Q5QCW4
UniRef90_A1ECL6
UniRef90_Q5U6U9
UniRef90_C8C6F4
UniRef90_Q5Q9E9
UniRef90_Q97707
UniRef90_Q5Q9D0
UniRef90_C1JH98
UniRef90_Q5K6J7

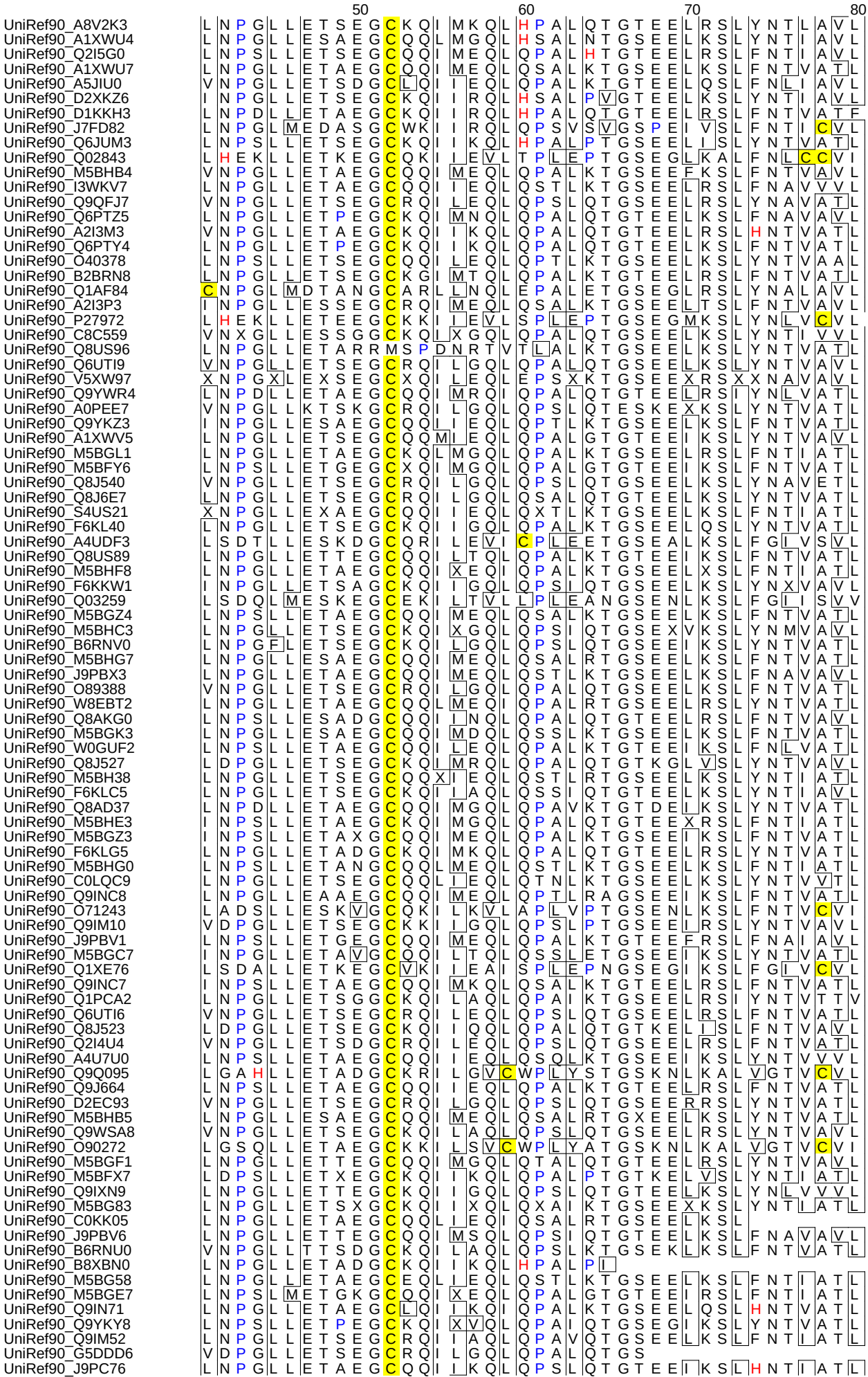

90
100
110
QUERY
UniRef90_Q90DU8
UniRef90_Q5U6U5
UniRef90_E0WWG8
UniRef90_A3DTT9
UniRef90_C8C612
UniRef90_B6DR96
UniRef90_C1JJQ3
UniRef90_K0GIS2
UniRef90_C3VAF2
UniRef90_U6BFX8
UniRef90_Q2HP20
UniRef90_C1JH71
UniRef90_Q9IDA5
UniRef90_I6QT39
UniRef90_C7ASF9
UniRef90_A0MPQ0
UniRef90_V9QIF4
UniRef90_C3VAI1
UniRef90_P04588
UniRef90_Q9Q721
UniRef90_B3FLH8
UniRef90_B9V6Z5
UniRef90_C7AS92
UniRef90_C3VAG0
UniRef90_M4PE84
UniRef90_F2XYD5
UniRef90_F5CG56
UniRef90_C8C556
UniRef90_C7ASF2
UniRef90_D2DG24
UniRef90_B2ZZK2
UniRef90_W0GTL1
UniRef90_W0GPQ9
UniRef90_Q5WPS1
UniRef90_B7SGW2
UniRef90_C5HAA6
UniRef90_C4MID6
UniRef90_F6KLD8
UniRef90_C8C5V8
UniRef90_B3FMK3
UniRef90_Q9WC53
UniRef90_C8C5M3
UniRef90_A0ZTM0
UniRef90_Q3I5S9
UniRef90_Q1KYG1
UniRef90_Q6B9R6
UniRef90_B6DR68
UniRef90_C9DUB4
UniRef90_B2CJH4
UniRef90_C7SBS3
UniRef90_C6L4E0
UniRef90_A9PYE6
UniRef90_I6ZD86
UniRef90_C8C6F8
UniRef90_A9PYI0
UniRef90_I3WKY7
UniRef90_O41798
UniRef90_Q6B9R5
UniRef90_F6KL47
UniRef90_F6KLB1
UniRef90_C9DUJ0
UniRef90_F6KKX2
UniRef90_D3TVU9
UniRef90_F6KL44
UniRef90_Q8AFA8
UniRef90_E2IRL0
UniRef90_B3FM21
UniRef90_C5I8U7
UniRef90_F5CG90
UniRef90_C4MIQ9
UniRef90_B6DQY9
UniRef90_E2IR58
UniRef90_Q97699
UniRef90_Q5WPR1
UniRef90_Q3I5W0
UniRef90_B9A2X9
UniRef90_Q5G5S7
UniRef90_Q89503
UniRef90_B9A3E3
UniRef90_W0GTR6
UniRef90_Q5G5R4
UniRef90_S4ST52
UniRef90_Q5QCW4
UniRef90_A1ECL6
UniRef90_Q5U6U9
UniRef90_C8C6F4
UniRef90_Q5Q9E9
UniRef90_Q97707
UniRef90_Q5Q9D0
UniRef90_C1JH98
UniRef90_Q5K6J7

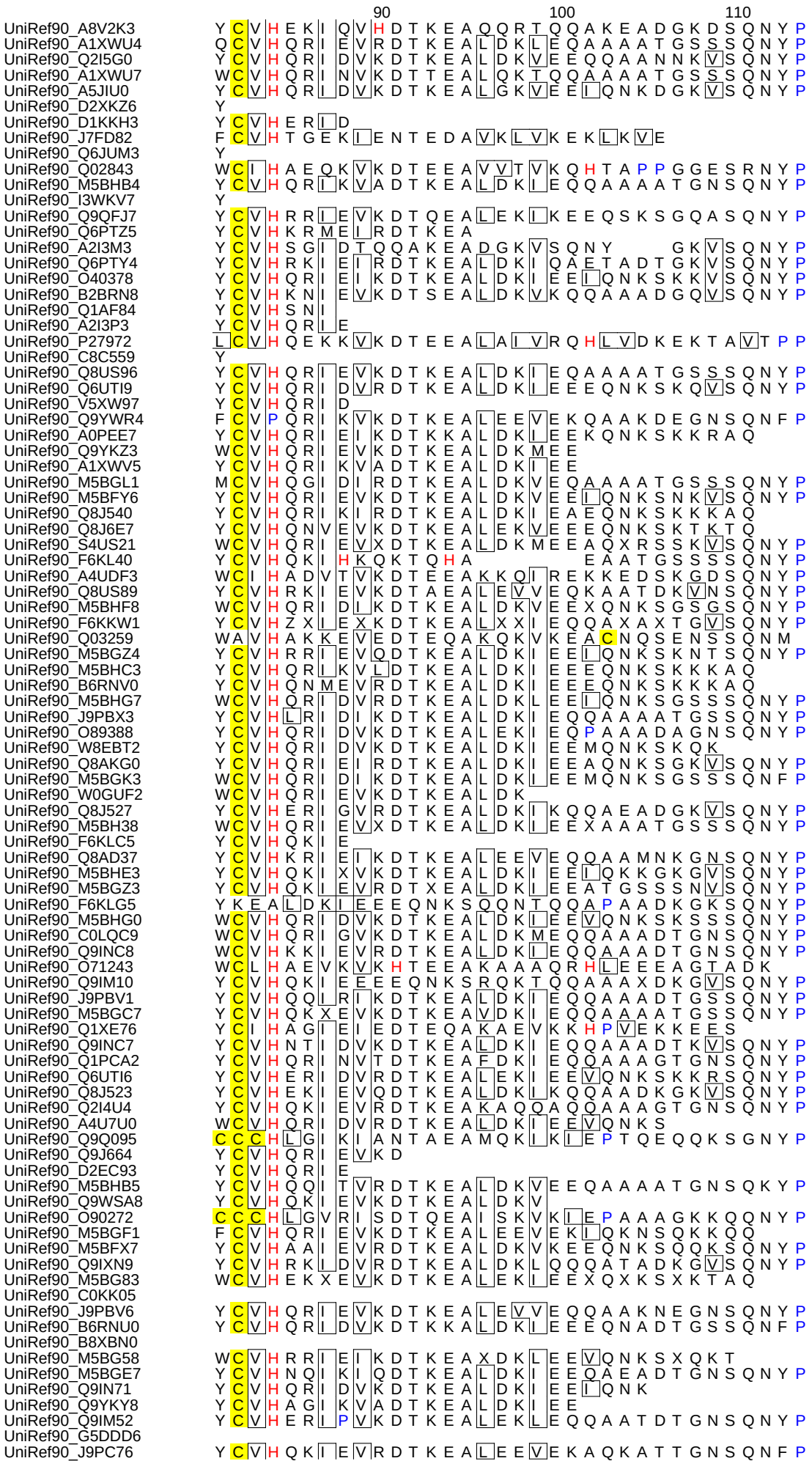

1 10 20 30 40
UniRef90_Q9DQN2
UniRef90_A2I388
UniRef90_C8C5J2
UniRef90_A2I396
UniRef90_V9XQP6
UniRef90_B5DC24
UniRef90_E2GBL8
UniRef90_W0GUW0
UniRef90_C9DWW5
UniRef90_F6MGE0
UniRef90_F6KL27
UniRef90_B9A337
UniRef90_R4H6R4
UniRef90_A4LAG0
UniRef90_Q5U6T9
UniRef90_A3F4E6
UniRef90_B3FLY6
UniRef90_C7AS87
UniRef90_A8V139
UniRef90_B4YV52
UniRef90_F6KLD4
UniRef90_A9PLX9
UniRef90_A2I348
UniRef90_A8V0S7
UniRef90_Q79665
UniRef90_Q3I5Y3
UniRef90_B9A2A0
UniRef90_Q6Y930
UniRef90_D3JJR9
UniRef90_M9NZI2
UniRef90_F6KLG4
UniRef90_M4MZN7
UniRef90_Q97710
UniRef90_C3TWA0
UniRef90_B0FBM2
UniRef90_W0GPE9
UniRef90_W0GT37
UniRef90_C8XQG2
UniRef90_C7ARK5
UniRef90_Q5WPR2
UniRef90_C5I3A1
UniRef90_B9A2A3
UniRef90_Q59II6
UniRef90_A0ZTI5
UniRef90_B8XBN3
UniRef90_E2IS78
UniRef90_E7CYZ1
UniRef90_I3WL06
UniRef90_A0ZTI0
UniRef90_Q9YWS8
UniRef90_Q6EZD9
UniRef90_Q59IB5
UniRef90_L8B318
UniRef90_Q3LXH3
UniRef90_W0GTS5
UniRef90_O55388
UniRef90_B9V6X8
UniRef90_F5CSG2
UniRef90_W0GV59
UniRef90_V9XUA4
UniRef90_W0GUU9
UniRef90_A0ZTM4
UniRef90_F6KKV4
UniRef90_W0GQK2
UniRef90_W0GQ01
UniRef90_Q9EN90
UniRef90_B3FLV1
UniRef90_J3SGI9
UniRef90_J7FDM3
UniRef90_Q9WSK9
UniRef90_J7FER1
UniRef90_A5JGP3
UniRef90_L7PDR9
UniRef90_C8C6M3
UniRef90_A9PNR1
UniRef90_O36810
UniRef90_D6NT15
UniRef90_Q906B2
UniRef90_E2IS62
UniRef90_Q6Y8T2
UniRef90_Q7ZPU5
UniRef90_Q77WQ9
UniRef90_F6KLJ0
UniRef90_D3JJR7
UniRef90_S5RUH3
UniRef90_D3TVX6
UniRef90_Q8US94
UniRef90_D1KND7
UniRef90_A2I3P0
UniRef90_Q9IN84
UniRef90_Q9IM19
UniRef90_V5JFB4

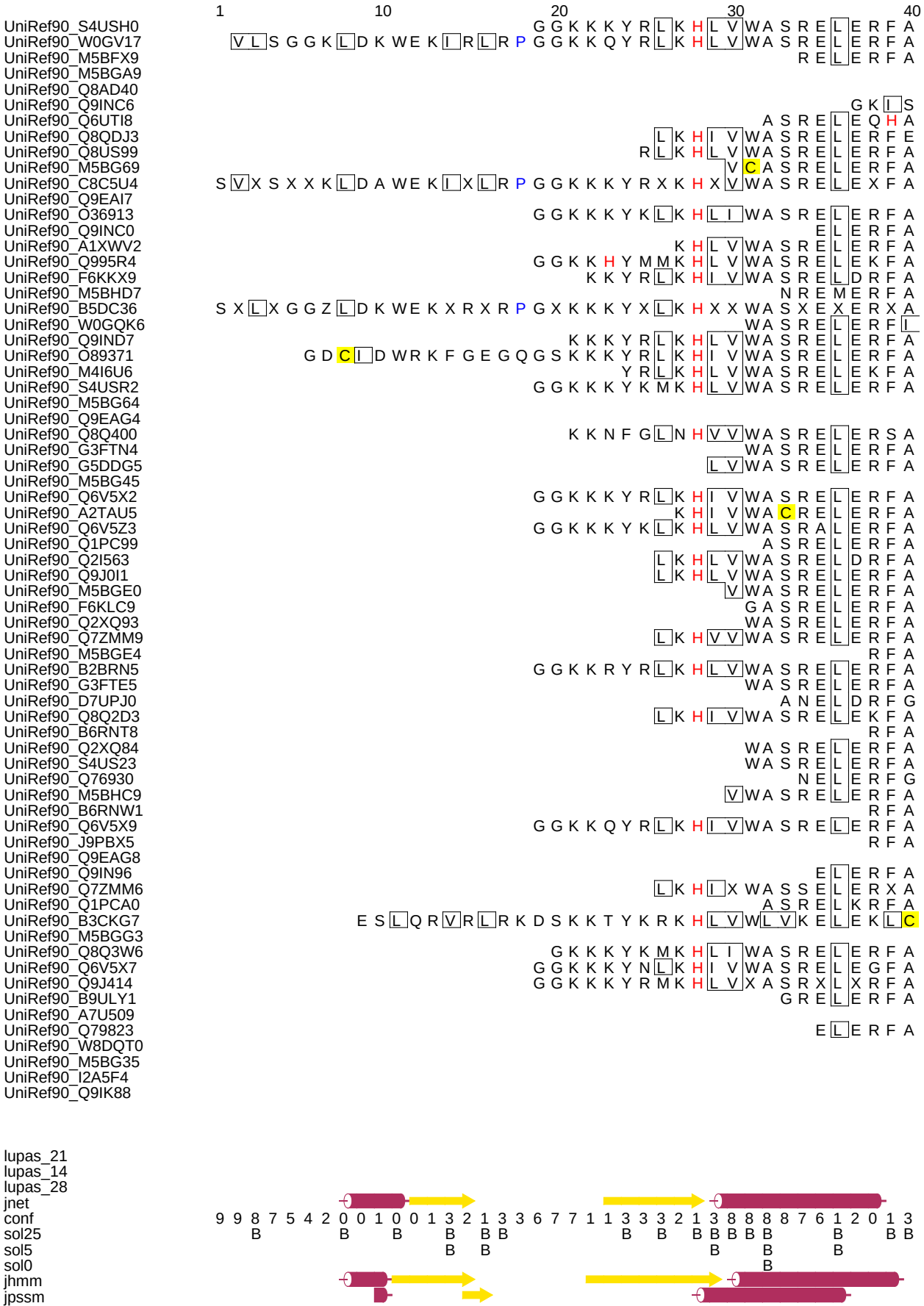

50
60
70
80
UniRef90_Q9DQN2
UniRef90_A2I388
UniRef90_C8C5J2
UniRef90_A2I396
UniRef90_V9XQP6
UniRef90_B5DC24
UniRef90_E2GBL8
UniRef90_W0GUW0
UniRef90_C9DWW5
UniRef90_F6MGE0
UniRef90_F6KL27
UniRef90_B9A337
UniRef90_R4H6R4
UniRef90_A4LAG0
UniRef90_Q5U6T9
UniRef90_A3F4E6
UniRef90_B3FLY6
UniRef90_C7AS87
UniRef90_A8V139
UniRef90_B4YV52
UniRef90_F6KLD4
UniRef90_A9PLX9
UniRef90_A2I348
UniRef90_A8V0S7
UniRef90_Q79665
UniRef90_Q3I5Y3
UniRef90_B9A2A0
UniRef90_Q6Y930
UniRef90_D3JJR9
UniRef90_M9NZI2
UniRef90_F6KLG4
UniRef90_M4MZN7
UniRef90_Q97710
UniRef90_C3TWA0
UniRef90_B0FBM2
UniRef90_W0GPE9
UniRef90_W0GT37
UniRef90_C8XQG2
UniRef90_C7ARK5
UniRef90_Q5WPR2
UniRef90_C5I3A1
UniRef90_B9A2A3
UniRef90_Q59II6
UniRef90_A0ZTI5
UniRef90_B8XBN3
UniRef90_E2IS78
UniRef90_E7CYZ1
UniRef90_I3WL06
UniRef90_A0ZTI0
UniRef90_Q9YWS8
UniRef90_Q6EZD9
UniRef90_Q59IB5
UniRef90_L8B318
UniRef90_Q3LXH3
UniRef90_W0GTS5
UniRef90_O55388
UniRef90_B9V6X8
UniRef90_F5CSG2
UniRef90_W0GV59
UniRef90_V9XUA4
UniRef90_W0GUU9
UniRef90_A0ZTM4
UniRef90_F6KKV4
UniRef90_W0GQK2
UniRef90_W0GQ01
UniRef90_Q9EN90
UniRef90_B3FLV1
UniRef90_J3SGI9
UniRef90_J7FDM3
UniRef90_Q9WSK9
UniRef90_J7FER1
UniRef90_A5JGP3
UniRef90_L7PDR9
UniRef90_C8C6M3
UniRef90_A9PNR1
UniRef90_O36810
UniRef90_D6NT15
UniRef90_Q906B2
UniRef90_E2IS62
UniRef90_Q6Y8T2
UniRef90_Q7ZPU5
UniRef90_Q77WQ9
UniRef90_F6KLJ0
UniRef90_D3JJR7
UniRef90_S5RUH3
UniRef90_D3TVX6
UniRef90_Q8US94
UniRef90_D1KND7
UniRef90_A2I3P0
UniRef90_Q9IN84
UniRef90_Q9IM19
UniRef90_V5JFB4

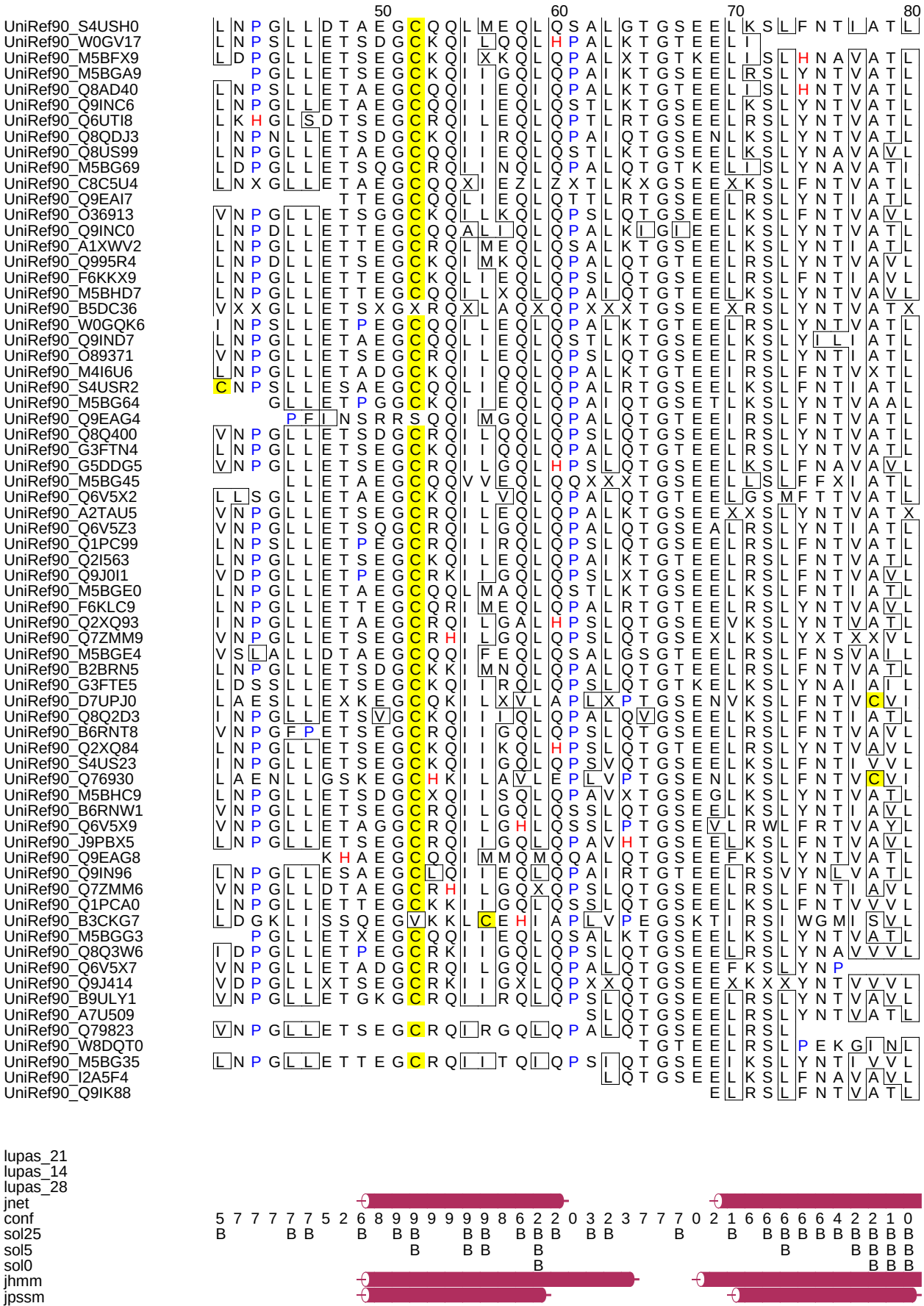

90
100
110
UniRef90_Q9DQN2 W C V H Q R I E I K D T K E A V D K I E E M Q N K S K S S S Q N Y P
UniRef90_A2I388 W C V H Q R I Q V K D T K E A L D K L E Q Q A A A G T G S S Q N Y P
UniRef90_C8C5J2 Y W V H Q R V D L E E E Q N K S Q Q K K Q Q A A A G K G V S Q N Y P
UniRef90_A2I396 W C V H Q R I E V R D T K E A L D K I E E A E A A T G K V S Q N Y P
UniRef90_V9XQP6 Y C V H Q X I D V K D T K E A L D K I E E E Q N K S K K X A Q
UniRef90_B5DC24 Y C V H Q X X X V K D T K E A L X K I X X X Q N K S K Q V S Q N Y P
UniRef90_E2GBL8 Y C V H Q K I E V R D T K E A L D K I E E E Q N A D T G N S Q N Y P
UniRef90_W0GUW0 Y C V H E G I K I A D T K E A L D X I E E E Q T K S K K V S Q N Y P
UniRef90_C9DWW5 Y C V H A R I D V K D I Q N K S K Q K E Q Q A A A D P G N S Q N Y P
UniRef90_F6MGE0 Y C V H S N I D V K D P K E A
UniRef90_F6KL27 Y C V H E K I E V R D T K E A L D K I X E E A A D K G K V S Q N Y P
UniRef90_B9A337 Y X V H Q R I E V K D T K E A L D K I E E Q A A A G T G N
UniRef90_R4H6R4 W C V H Q K I E V K G T K K A L D K M K Q Q A T A G T G S S Q N Y P
UniRef90_A4LAG0 Y C V H E G I E C Q Q K I Q Q Q Q K K T Q Q A K E A D G K V S Q N Y P
UniRef90_Q5U6T9 Y C V H A K I K V T D T K E A L D K I E E E Q T K S K K K A Q
UniRef90_A3F4E6 W C V H Q R I E I K D T K E A L D K I E Q A A A A T G S S S Q N Y P
UniRef90_B3FLY6 Y C V H Q R I E K K K T Q Q A G T X N S S Q A V A G T G V S Q N Y P
UniRef90_C7AS87 Y C V H A G I E V X D T K E A Q Q K X Q Q A K X A D X K V S Q N Y P
UniRef90_A8V139 Y C V H Q R I D I R D T K E A L D K I E E M Q N K D T G N S S N Y P
UniRef90_B4YV52 Y C V H Q R I E V K D T K E A L D K I E E I Q N K S K Q K S Q N Y P
UniRef90_F6KLD4 Y C V H A G I K V H D T K E A L D K T Q Q A Q A A D K K V S Q N Y P
UniRef90_A9PLX9 Y C V H Q K I D V K D
UniRef90_A2I348 W C V H Q R I E V K D T K E A L D K M E E V Q N S S S K V S Q N Y P
UniRef90_A8V0S7 W C V H Q R I D V Q D T K E A L D K I E Q Q A A A S G G V S Q N Y P
UniRef90_Q79665 W C V H N R F D I R D T Q Q A I Q K L K E E A A K E E Q T S Q N Y P
UniRef90_Q3I5Y3 Y C V H Q R L D I K D I Q N K S K Q K E Q Q A A A S T S C S Q N Y P
UniRef90_B9A2A0 Y C V H Q R I E X K D T K E A
UniRef90_Q6Y930 W C V H S R I D I Q D T Q Q A V Q K V K E K M A A D K Q T S Q N Y P
UniRef90_D3JJR9 Y C V H S D I E V R D T K E A L Q K T Q Q A E A A D K K V S Q N Y
UniRef90_M9NZI2 W C V H C R I E V K D T K E A L D K I E Q Q T A A D T G N S S N Y P
UniRef90_F6KLG4 Y C V H T K I E V K D T K E A L D K I E E Q A V A N T A N S Q N Y P
UniRef90_M4MZN7 Y C V H Q R I E
UniRef90_Q97710 Y C V X Q K I E V R D T
UniRef90_C3TWA0 Y C V H Q R I E I R D T K E A L D R I E Q Q A A A D T G N S Q N Y P
UniRef90_B0FBM2 Y C V H Q R I E I E E E Q N K S K K R X Q Q P A A D T G N S Q N Y
UniRef90_W0GPE9 Y C V H A K I E V T D G K V S Q T K A A D G K V S Q N Y P
UniRef90_W0GT37 Y C V H Q R I E I E E E Q N K H R T Q Q Q A A A P E S S S S Q N Y P
UniRef90_C8XQG2 Y F V H Q R V E E E Q K K S Q Q K T Q Q A A A A A D K G V S Q N Y P
UniRef90_C7ARK5 Y C V H Q G I E
UniRef90_Q5WPR2 Y C V H A R I E E E E Q N K S Q Q K T Q Q A K A A D G K V S Q N Y P
UniRef90_C5I3A1 Y C V H H Q I E V K D T K E A L D K I E E I K K K S T G S S Q N Y P
UniRef90_B9A2A3 Y C V H Q K I D
UniRef90_Q59II6 Y C V H K G I K L D K I E E E Q N K T Q Q E K A A D G K V S Q N Y P
UniRef90_A0ZTI5 Y C V H E H I D K I E E E Q N K Q K T Q Q A T A A D K G K S Q N Y P
UniRef90_B8XBN3 Y C V H K G I P I V Q N L Q G Q M V H Q A I S P R T
UniRef90_E2IS78 Y C V H T K V I E K E Q N K X X Q E T Q Q E X A A D K X V S Q N Y P
UniRef90_E7CYZ1 Y C V H E K I E V R D T K E A L D K I K E E Q A D K G K V S Q N Y P
UniRef90_I3WL06 W C V H Q R M D I K N T H Q A L D K I K K I Q S K S Q K V S Q N Y P
UniRef90_A0ZTI0 Y C V H K D I D
UniRef90_Q9YWS8 Y C V H E K I E V K D T K E A L E K I E E E Q N K S K K I A Q
UniRef90_Q6EZD9 W C V H K E V K V K D T E E A V A K V K E
UniRef90_Q59IB5 Y C V H N S I E
UniRef90_L8B318 W C L H A E K K V K D T E E A K K L A Q S H L A A A T E K T
UniRef90_Q3LXH3 Y C V H Q K I K V R N T K K A L K K I K Q Q A A A N T E N S Q N Y P
UniRef90_W0GTS5 Y C V H K D I K V H D T K E A L D K I E E Q Q A A D G K V S Q N Y P
UniRef90_O55388 Y C V H E K I E V Q Q Q N K S Q Q K T Q Q A E A A D K G K S Q N Y
UniRef90_B9V6X8 Y C V H K G I
UniRef90_F5CSG2 Y Y V H Q K I D
UniRef90_W0GV59 Y C V H Q K I E V K D
UniRef90_V9XUA4 F C V H Q R I D V R D T K E A L D X I E E E Q N K S S Q V S Q N Y P
UniRef90_W0GUU9 Y C V H K R I Q K K S Q Q A E A K K S Q Q A E A T D G K V S Q N Y P
UniRef90_A0ZTM4 Y C V H A G I K Q Q K T Q E A K A A D K G T V S Q N Y P
UniRef90_F6KKV4 Y C V H Q R I D V K D
UniRef90_W0GQK2 W C V H Q K I D V K D T K E A L D K I E Q Q A A A D A G N S Q N Y P
UniRef90_W0GQ01 Y C V H E R I K V H D T K E A L D K M E Q Q A A A D T G S S Q N Y P
UniRef90_Q9EN90 Y C V H Q K I E V R D T K E A L E E V E K L Q K K S Q Q T S Q N Y P
UniRef90_B3FLV1 Y C V H K R I E
UniRef90_J3SGI9 Y C V H K G E K I Q N T E E A V K I V K M Q A E K T G S T S Q
UniRef90_J7FDM3 H C I H E G E K I Q D T E A A V K I V K E K L K E T T G N E E T
UniRef90_Q9WSK9 Y C V H Q K I E V R D T K E A L D K I E Q Q A A A D T G N S Q N Y P
UniRef90_J7FER1 Y C I H A G E K I K D T E E A V N I V K M K G D K S E S K N
UniRef90_A5JGP3 Y C V H A G E K V H D T E E A V K I V K V K L S I N K N N S
UniRef90_L7PDR9 Y C V H Q R I E I K D T K E A L D K I E Q Q A A T D T G N S Q N Y P
UniRef90_C8C6M3 Y C V H Q R I E
UniRef90_A9PNR1 Y C V H E R I K
UniRef90_O36810 Y C V H Q R I G V R D T K E A L D K I E E E Q N K D T G N S Q N Y P
UniRef90_D6NT15 Y F V H Q R V E
UniRef90_Q906B2 Y C V H Q S L D V K D T K E A L E K I E Q Q A A A D T G N S Q N Y P
UniRef90_E2IS62 Y C V H E R I E
UniRef90_Q6Y8T2 W C V H N R Y R I E D T Q Q A I K K L R E V M G S X K S A S Q N Y P
UniRef90_Q7ZPU5 Y C V H Q Q I D V R D T K E A L D R I E E E Q
UniRef90_Q77WQ9 Y C V H Q R I E V K D T K E A L E R I E E E Q A A D T G N S S N Y P
UniRef90_F6KLJ0 Y C V H K E I D V R D T K E A L D K I E E E Q A A G G K V S Q N Y P
UniRef90_D3JJR7 Y C V H K R I E
UniRef90_S5RUH3 Y C V X Q N I D
UniRef90_D3TVX6 W C V H N R Y E V E D T Q Q A I K K L K E
UniRef90_Q8US94 W C V H Q R L D I K D T K E A L D K L E E Q A A P D T G S S Q N Y P
UniRef90_D1KND7 Y C V H K K I D E E E Q N K S Q Q K T Q Q A Q A A D G K T S Q N Y P
UniRef90_A2I3P0 Y C V H Q R I D I A D T K E A L D K I E Q Q T T A D T G N S Q N Y P
UniRef90_Q9IN84 Y C V H Q K I D I K D T K E A L D K I E E I Q N K N Q Q K
UniRef90_Q9IM19 W C V H Q R I E I K D T K E A V D K T Q Q A A A T G S S S Q N Y P
UniRef90_V5JFB4 Y C V H A E I D V R D T K E A V D I V E E E Q N A D S K V S Q N Y P

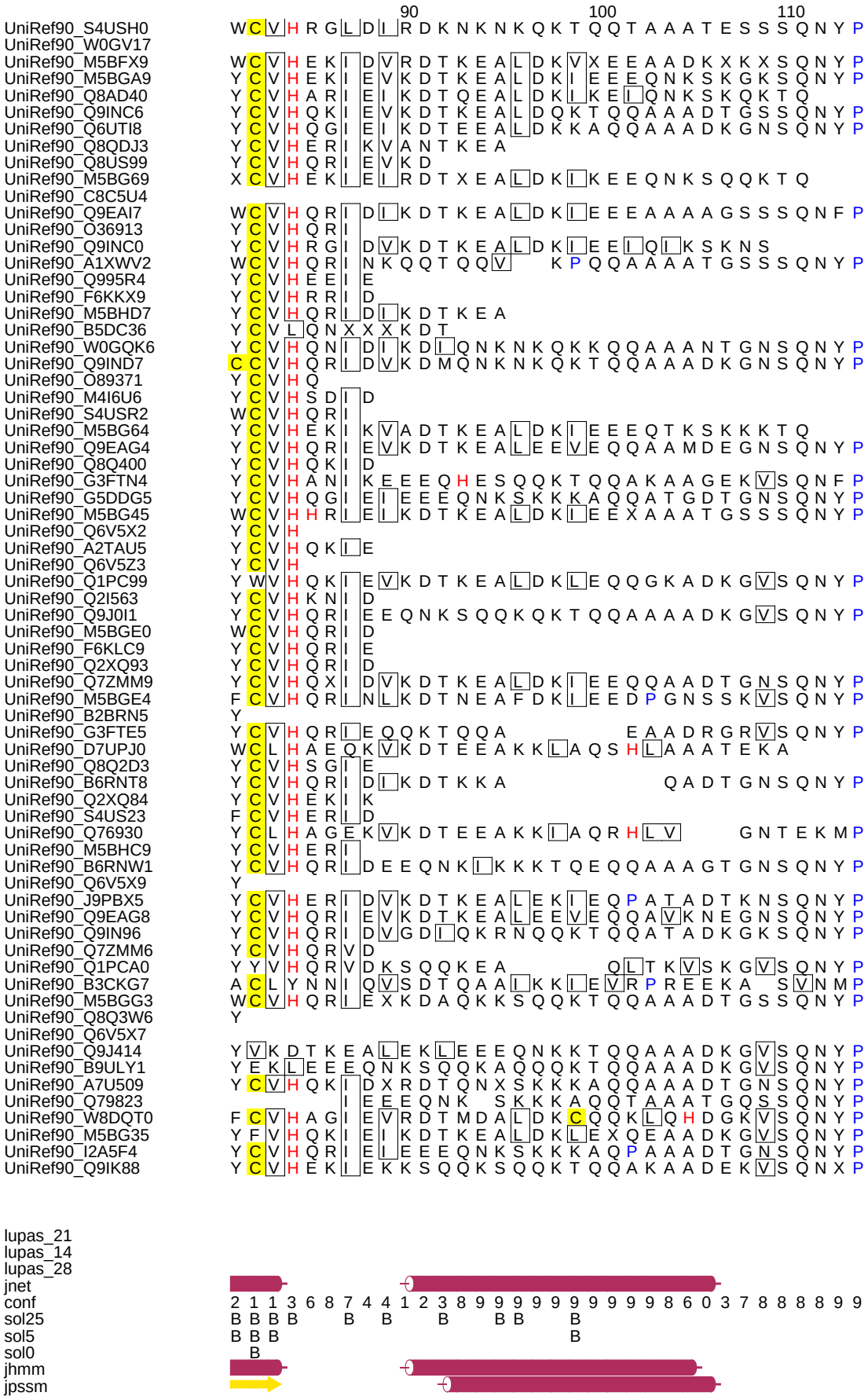

1 10 20 30 40
UniRef90_A8V2K3
UniRef90_A1XWU4
UniRef90_Q2I5G0
UniRef90_A1XWU7
UniRef90_A5JIU0
UniRef90_D2XKZ6
UniRef90_D1KKH3
UniRef90_J7FD82
UniRef90_Q6JUM3
UniRef90_Q02843
UniRef90_M5BHB4
UniRef90_I3WKV7
UniRef90_Q9QFJ7
UniRef90_Q6PTZ5
UniRef90_A2I3M3
UniRef90_Q6PTY4
UniRef90_O40378
UniRef90_B2BRN8
UniRef90_Q1AF84
UniRef90_A2I3P3
UniRef90_P27972
UniRef90_C8C559
UniRef90_Q8US96
UniRef90_Q6UTI9
UniRef90_V5XW97
UniRef90_Q9YWR4
UniRef90_A0PEE7
UniRef90_Q9YKZ3
UniRef90_A1XWV5
UniRef90_M5BGL1
UniRef90_M5BFY6
UniRef90_Q8J540
UniRef90_Q8J6E7
UniRef90_S4US21
UniRef90_F6KL40
UniRef90_A4UDF3
UniRef90_Q8US89
UniRef90_M5BHF8
UniRef90_F6KKW1
UniRef90_Q03259
UniRef90_M5BGZ4
UniRef90_M5BHC3
UniRef90_B6RNV0
UniRef90_M5BHG7
UniRef90_J9PBX3
UniRef90_O89388
UniRef90_W8EBT2
UniRef90_Q8AKG0
UniRef90_M5BGK3
UniRef90_W0GUF2
UniRef90_Q8J527
UniRef90_M5BH38
UniRef90_F6KLC5
UniRef90_Q8AD37
UniRef90_M5BHE3
UniRef90_M5BGZ3
UniRef90_F6KLG5
UniRef90_M5BHG0
UniRef90_C0LQC9
UniRef90_Q9INC8
UniRef90_O71243
UniRef90_Q9IM10
UniRef90_J9PBV1
UniRef90_M5BGC7
UniRef90_Q1XE76
UniRef90_Q9INC7
UniRef90_Q1PCA2
UniRef90_Q6UTI6
UniRef90_Q8J523
UniRef90_Q2I4U4
UniRef90_A4U7U0
UniRef90_Q9Q095
UniRef90_Q9J664
UniRef90_D2EC93
UniRef90_M5BHB5
UniRef90_Q9WSA8
UniRef90_O90272
UniRef90_M5BGF1
UniRef90_M5BFX7
UniRef90_Q9IXN9
UniRef90_M5BG83
UniRef90_C0KK05
UniRef90_J9PBV6
UniRef90_B6RNU0
UniRef90_B8XBN0
UniRef90_M5BG58
UniRef90_M5BGE7
UniRef90_Q9IN71
UniRef90_Q9YKY8
UniRef90_Q9IM52
UniRef90_G5DDD6
UniRef90_J9PC76


50
60
70
80
UniRef90_A8V2K3
UniRef90_A1XWU4
UniRef90_Q2I5G0
UniRef90_A1XWU7
UniRef90_A5JIU0
UniRef90_D2XKZ6
UniRef90_D1KKH3
UniRef90_J7FD82
UniRef90_Q6JUM3
UniRef90_Q02843
UniRef90_M5BHB4
UniRef90_I3WKV7
UniRef90_Q9QFJ7
UniRef90_Q6PTZ5
UniRef90_A2I3M3
UniRef90_Q6PTY4
UniRef90_O40378
UniRef90_B2BRN8
UniRef90_Q1AF84
UniRef90_A2I3P3
UniRef90_P27972
UniRef90_C8C559
UniRef90_Q8US96
UniRef90_Q6UTI9
UniRef90_V5XW97
UniRef90_Q9YWR4
UniRef90_A0PEE7
UniRef90_Q9YKZ3
UniRef90_A1XWV5
UniRef90_M5BGL1
UniRef90_M5BFY6
UniRef90_Q8J540
UniRef90_Q8J6E7
UniRef90_S4US21
UniRef90_F6KL40
UniRef90_A4UDF3
UniRef90_Q8US89
UniRef90_M5BHF8
UniRef90_F6KKW1
UniRef90_Q03259
UniRef90_M5BGZ4
UniRef90_M5BHC3
UniRef90_B6RNV0
UniRef90_M5BHG7
UniRef90_J9PBX3
UniRef90_O89388
UniRef90_W8EBT2
UniRef90_Q8AKG0
UniRef90_M5BGK3
UniRef90_W0GUF2
UniRef90_Q8J527
UniRef90_M5BH38
UniRef90_F6KLC5
UniRef90_Q8AD37
UniRef90_M5BHE3
UniRef90_M5BGZ3
UniRef90_F6KLG5
UniRef90_M5BHG0
UniRef90_C0LQC9
UniRef90_Q9INC8
UniRef90_O71243
UniRef90_Q9IM10
UniRef90_J9PBV1
UniRef90_M5BGC7
UniRef90_Q1XE76
UniRef90_Q9INC7
UniRef90_Q1PCA2
UniRef90_Q6UTI6
UniRef90_Q8J523
UniRef90_Q2I4U4
UniRef90_A4U7U0
UniRef90_Q9Q095
UniRef90_Q9J664
UniRef90_D2EC93
UniRef90_M5BHB5
UniRef90_Q9WSA8
UniRef90_O90272
UniRef90_M5BGF1
UniRef90_M5BFX7
UniRef90_Q9IXN9
UniRef90_M5BG83
UniRef90_C0KK05
UniRef90_J9PBV6
UniRef90_B6RNU0
UniRef90_B8XBN0
UniRef90_M5BG58
UniRef90_M5BGE7
UniRef90_Q9IN71
UniRef90_Q9YKY8
UniRef90_Q9IM52
UniRef90_G5DDD6
UniRef90_J9PC76


90
100
110
UniRef90_A8V2K3 Y C V H E K I Q V H D T K E A Q Q R T Q Q A K E A D G K D S Q N Y P
UniRef90_A1XWU4 Q C V H Q R I E V R D T K E A L D K L E Q A A A A T G S S S Q N Y P
UniRef90_Q2I5G0 Y C V H Q R I D V K D T K E A L D K V E E Q Q A A N N K V S Q N Y P
UniRef90_A1XWU7 W C V H Q R I N V K D T T E A L Q K T Q Q A A A A T G S S S Q N Y P
UniRef90_A5JIU0 Y C V H Q R I D V K D T K E A L G K V E E I Q N K D G K V S Q N Y P
UniRef90_D2XKZ6 Y
UniRef90_D1KKH3 Y C V H E R I D
UniRef90_J7FD82 F C V H T G E K I E N T E D A V K L V K E K L K V E
UniRef90_Q6JUM3 Y
UniRef90_Q02843 W C I H A E Q K V K D T E E A V V T V K Q H T A P P G G E S R N Y P
UniRef90_M5BHB4 Y C V H Q R I K V A D T K E A L D K I E Q Q A A A T G N S Q N Y P
UniRef90_I3WKV7 Y
UniRef90_Q9QFJ7 Y C V H R R I E V K D T Q E A L E K I K E E Q S K S G Q A S Q N Y P
UniRef90_Q6PTZ5 Y C V H K R M E I R D T K E A
UniRef90_A2I3M3 Y C V H S G I D T Q Q A K E A D G K V S Q N Y G K V S Q N Y P
UniRef90_Q6PTY4 Y C V H R K I E I R D T K E A L D K I Q A E T A D T G K V S Q N Y P
UniRef90_O40378 Y C V H Q R I E I K D T K E A L D K I E E I Q N K S K K V S Q N Y P
UniRef90_B2BRN8 Y C V H K N I E V K D T S E A L D K V K Q Q A A A D G Q V S Q N Y P
UniRef90_Q1AF84 Y C V H S N I
UniRef90_A2I3P3 Y C V H Q R I E
UniRef90_P27972 L C V H Q E K K V K D T E E A L A I V R Q H L V D K E K T A V T P P
UniRef90_C8C559 Y
UniRef90_Q8US96 Y C V H Q R I E V K D T K E A L D K I E Q A A A A T G S S S Q N Y P
UniRef90_Q6UTI9 Y C V H Q R I D V R D T K E A L D K I E E E Q N K S K Q V S Q N Y P
UniRef90_V5XW97 Y C V H Q R I D
UniRef90_Q9YWR4 F C V P Q R I K V K D T K E A L E E V E K Q A A K D E G N S Q N F P
UniRef90_A0PEE7 Y C V H Q R I E I K D T K K A L D K I E E K Q N K S K K R A Q
UniRef90_Q9YKZ3 W C V H Q R I E V K D T K E A L D K M E E
UniRef90_A1XWV5 Y C V H Q R I K V A D T K E A L D K I E E
UniRef90_M5BGL1 M C V H Q G I D I R D T K E A L D K V E Q A A A A T G S S S Q N Y P
UniRef90_M5BFY6 Y C V H Q R I E V K D T K E A L D K V E E I Q N K S N K V S Q N Y P
UniRef90_Q8J540 Y C V H Q R I K I R D T K E A L D K I E A E Q N K S K K K A Q
UniRef90_Q8J6E7 Y C V H Q N V E V K D T K E A L E K V E E E Q N K S K T K T Q
UniRef90_S4US21 W C V H Q R I E V X D T K E A L D K M E E A Q X R S S K V S Q N Y P
UniRef90_F6KL40 Y C V H Q K I H K Q K T Q H A E A A T G S S S S Q N Y P
UniRef90_A4UDF3 W C I H A D V T V K D T E E A K K Q I R E K K E D S K G D S Q N Y P
UniRef90_Q8US89 Y C V H R K I E V K D T A E A L E V V E Q K A A T D K V N S Q N Y P
UniRef90_M5BHF8 W C V H Q R I D I K D T K E A L D K V E E X Q N K S G S G S Q N Y P
UniRef90_F6KKW1 Y C V H Z X I E X K D T K E A L X X I E Q Q A X A X T G V S Q N Y P
UniRef90_Q03259 W A V H A K K E V E D T E Q A K Q K V K E A C N Q S E N S S Q N M
UniRef90_M5BGZ4 Y C V H R R I E V Q D T K E A L D K I E E I Q N K S K N T S Q N Y P
UniRef90_M5BHC3 Y C V H Q R I K V L D T K E A L D K I E E E Q N K S K K K A Q
UniRef90_B6RNV0 Y C V H Q N M E V R D T K E A L D K I E E E Q N K S K K K A Q
UniRef90_M5BHG7 W C V H Q R I D V R D T K E A L D K L E E I Q N K S G S S S Q N Y P
UniRef90_J9PBX3 Y C V H L R I D I K D T K E A L D K I E Q Q A A A A T G S S Q N Y P
UniRef90_O89388 Y C V H Q R I D V K D T K E A L E K I E Q P A A A D A G N S Q N Y P
UniRef90_W8EBT2 Y C V H Q R I D V K D T K E A L D K I E E M Q N K S K Q K
UniRef90_Q8AKG0 Y C V H Q R I E I R D T K E A L D K I E E A Q N K S G K V S Q N Y P
UniRef90_M5BGK3 W C V H Q R I D I K D T K E A L D K I E E M Q N K S G S S S Q N F P
UniRef90_W0GUF2 W C V H Q R I E V K D T K E A L D K
UniRef90_Q8J527 Y C V H E R I G V R D T K E A L D K I K Q Q A E A D G K V S Q N Y P
UniRef90_M5BH38 W C V H Q R I E V X D T K E A L D K I E E X A A A T G S S S Q N Y P
UniRef90_F6KLC5 Y C V H Q K I E
UniRef90_Q8AD37 Y C V H K R I E I K D T K E A L E E V E Q Q A A M N K G N S Q N Y P
UniRef90_M5BHE3 Y C V H Q K I X V K D T K E A L D K I E E I Q K K G K G V S Q N Y P
UniRef90_M5BGZ3 Y C V H Q K I E V R D T K E A L D K I E E A T G S S N V S Q N Y P
UniRef90_F6KLG5 Y K E A L D K I E E E Q N K S Q Q N T Q Q A P A A D K G K S Q N Y P
UniRef90_M5BHG0 W C V H Q R I D V K D T K E A L D K I E E V Q N K S K S S S Q N Y P
UniRef90_C0LQC9 W C V H Q R I G V K D T K E A L D K M E Q Q A A A D T G N S Q N Y P
UniRef90_Q9INC8 W C V H K K I E V R D T K E A L D K I E Q Q A A A D T G N S Q N Y P
UniRef90_O71243 W C L H A E V K V K H T E E A K A A A Q R H L E E E A G T A D K
UniRef90_Q9IM10 Y C V H Q K I E E E E Q N K S R Q K T Q Q A A A X D K G V S Q N Y P
UniRef90_J9PBV1 Y C V H Q Q I R I K D T K E A L D K I E Q Q A A A D T G S S Q N Y P
UniRef90_M5BGC7 Y C V H Q K X E V K D T K E A V D K I E Q Q A A A A T G S S Q N Y P
UniRef90_Q1XE76 Y C I H A G I E I E D T E Q A K A E V K K H P V E K K E E S
UniRef90_Q9INC7 Y C V H N T I D V K D T K E A L D K I E Q Q A A A D T K V S Q N Y P
UniRef90_Q1PCA2 Y C V H Q R I N V T D T K E A F D K I E Q Q A A A G T G N S Q N Y P
UniRef90_Q6UTI6 Y C V H E R I D V R D T K E A L E K I E E V Q N K S K K R S Q N Y P
UniRef90_Q8J523 Y C V H E K I E V Q D T K E A L D K I K Q Q A A D K G K V S Q N Y P
UniRef90_Q2I4U4 Y C V H Q K I E V R D T K E A K A Q Q A Q Q A A A G T G N S Q N Y P
UniRef90_A4U7U0 W C V H Q R I D V R D T K E A L D K I E E V Q N K S
UniRef90_Q9Q095 C C C H L G I K I A N T A E A M Q K I K I E P T Q E Q Q K S G N Y P
UniRef90_Q9J664 Y C V H Q R I E V K D
UniRef90_D2EC93 Y C V H Q R I E
UniRef90_M5BHB5 Y C V H Q Q I T V R D T K E A L D K V E E Q A A A A T G N S Q K Y P
UniRef90_Q9WSA8 Y C V H Q K I E V K D T K E A L D K V
UniRef90_O90272 C C C H L G V R I S D T Q E A I S K V K I E P A A A G K K Q Q N Y P
UniRef90_M5BGF1 F C V H Q R I E V K D T K E A L E E V E K I Q K N S Q K K Q Q
UniRef90_M5BFX7 Y C V H A A I E V R D T K E A L D K V K E E Q N K S Q Q K S Q N Y P
UniRef90_Q9IXN9 Y C V H R K I D V R D T K E A L D K L Q Q Q A T A D K G V S Q N Y P
UniRef90_M5BG83 W C V H E K X E V K D T K E A L E K I E E X Q X K S X K T A Q
UniRef90_C0KK05
UniRef90_J9PBV6 Y C V H Q R I E V K D T K E A L E V V E Q Q A A K N E G N S Q N Y P
UniRef90_B6RNU0 Y C V H Q R I D V K D T K K A L D K I E E E Q N A D T G S S Q N F P
UniRef90_B8XBN0
UniRef90_M5BG58 W C V H R R I E I K D T K E A X D K L E E V Q N K S X Q K T
UniRef90_M5BGE7 Y C V H N Q I K I Q D T K E A L D K I E E Q A E A D T G N S Q N Y P
UniRef90_Q9IN71 Y C V H Q R I D V K D T K E A L D K I E E I Q N K
UniRef90_Q9YKY8 Y C V H A G I K V A D T K E A L D K I E E
UniRef90_Q9IM52 Y C V H E R I P V K D T K E A L E K L E Q Q A A T D T G N S Q N Y P
UniRef90_G5DDD6
UniRef90_J9PC76 Y C V H Q K I E V R D T K E A L E E V E K A Q K A T T G N S Q N F P


1 10 20 30 40
UniRef90_S4USH0
UniRef90_W0GV17
UniRef90_M5BFX9
UniRef90_M5BGA9
UniRef90_Q8AD40
UniRef90_Q9INC6
UniRef90_Q6UTI8
UniRef90_Q8QDJ3
UniRef90_Q8US99
UniRef90_M5BG69
UniRef90_C8C5U4
UniRef90_Q9EAI7
UniRef90_O36913
UniRef90_Q9INC0
UniRef90_A1XWV2
UniRef90_Q995R4
UniRef90_F6KKX9
UniRef90_M5BHD7
UniRef90_B5DC36
UniRef90_W0GQK6
UniRef90_Q9IND7
UniRef90_O89371
UniRef90_M4I6U6
UniRef90_S4USR2
UniRef90_M5BG64
UniRef90_Q9EAG4
UniRef90_Q8Q400
UniRef90_G3FTN4
UniRef90_G5DDG5
UniRef90_M5BG45
UniRef90_Q6V5X2
UniRef90_A2TAU5
UniRef90_Q6V5Z3
UniRef90_Q1PC99
UniRef90_Q2I563
UniRef90_Q9J0I1
UniRef90_M5BGE0
UniRef90_F6KLC9
UniRef90_Q2XQ93
UniRef90_Q7ZMM9
UniRef90_M5BGE4
UniRef90_B2BRN5
UniRef90_G3FTE5
UniRef90_D7UPJ0
UniRef90_Q8Q2D3
UniRef90_B6RNT8
UniRef90_Q2XQ84
UniRef90_S4US23
UniRef90_Q76930
UniRef90_M5BHC9
UniRef90_B6RNW1
UniRef90_Q6V5X9
UniRef90_J9PBX5
UniRef90_Q9EAG8
UniRef90_Q9IN96
UniRef90_Q7ZMM6
UniRef90_Q1PCA0
UniRef90_B3CKG7
UniRef90_M5BGG3
UniRef90_Q8Q3W6
UniRef90_Q6V5X7
UniRef90_Q9J414
UniRef90_B9ULY1
UniRef90_A7U509
UniRef90_Q79823
UniRef90_W8DQT0
UniRef90_M5BG35
UniRef90_I2A5F4
UniRef90_Q9IK88
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


50
60
70
80
UniRef90_S4USH0
UniRef90_W0GV17
UniRef90_M5BFX9
UniRef90_M5BGA9
UniRef90_Q8AD40
UniRef90_Q9INC6
UniRef90_Q6UTI8
UniRef90_Q8QDJ3
UniRef90_Q8US99
UniRef90_M5BG69
UniRef90_C8C5U4
UniRef90_Q9EAI7
UniRef90_O36913
UniRef90_Q9INC0
UniRef90_A1XWV2
UniRef90_Q995R4
UniRef90_F6KKX9
UniRef90_M5BHD7
UniRef90_B5DC36
UniRef90_W0GQK6
UniRef90_Q9IND7
UniRef90_O89371
UniRef90_M4I6U6
UniRef90_S4USR2
UniRef90_M5BG64
UniRef90_Q9EAG4
UniRef90_Q8Q400
UniRef90_G3FTN4
UniRef90_G5DDG5
UniRef90_M5BG45
UniRef90_Q6V5X2
UniRef90_A2TAU5
UniRef90_Q6V5Z3
UniRef90_Q1PC99
UniRef90_Q2I563
UniRef90_Q9J0I1
UniRef90_M5BGE0
UniRef90_F6KLC9
UniRef90_Q2XQ93
UniRef90_Q7ZMM9
UniRef90_M5BGE4
UniRef90_B2BRN5
UniRef90_G3FTE5
UniRef90_D7UPJ0
UniRef90_Q8Q2D3
UniRef90_B6RNT8
UniRef90_Q2XQ84
UniRef90_S4US23
UniRef90_Q76930
UniRef90_M5BHC9
UniRef90_B6RNW1
UniRef90_Q6V5X9
UniRef90_J9PBX5
UniRef90_Q9EAG8
UniRef90_Q9IN96
UniRef90_Q7ZMM6
UniRef90_Q1PCA0
UniRef90_B3CKG7
UniRef90_M5BGG3
UniRef90_Q8Q3W6
UniRef90_Q6V5X7
UniRef90_Q9J414
UniRef90_B9ULY1
UniRef90_A7U509
UniRef90_Q79823
UniRef90_W8DQT0
UniRef90_M5BG35
UniRef90_I2A5F4
UniRef90_Q9IK88
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


90
100
110
UniRef90_S4USH0 W C V H R G L D I R D K N K N K Q K T Q Q T A A A T E S S S Q N Y P
UniRef90_W0GV17
UniRef90_M5BFX9 W C V H E K I D V R D T K E A L D K V X E E A A D K X K X S Q N Y P
UniRef90_M5BGA9 Y C V H E K I E V K D T K E A L D K I E E E Q N K S K G K S Q N Y P
UniRef90_Q8AD40 Y C V H A R I E I K D T Q E A L D K I K E I Q N K S K Q K T Q
UniRef90_Q9INC6 Y C V H Q K I E V K D T K E A L D Q K T Q Q A A A D T G S S Q N Y P
UniRef90_Q6UTI8 Y C V H Q G I E I K D T E E A L D K K A Q Q A A A D K G N S Q N Y P
UniRef90_Q8QDJ3 Y C V H E R I K V A N T K E A
UniRef90_Q8US99 Y C V H Q R I E V K D
UniRef90_M5BG69 X C V H E K I E I R D T X E A L D K I K E E Q N K S Q Q K T Q
UniRef90_C8C5U4
UniRef90_Q9EAI7 W C V H Q R I D I K D T K E A L D K I E E E A A A A G S S S Q N F P
UniRef90_O36913 Y C V H Q R I
UniRef90_Q9INC0 Y C V H R G I D V K D T K E A L D K I E E I Q I K S K N S
UniRef90_A1XWV2 W C V H Q R I N K Q Q T Q Q V K P Q Q A A A A T G S S S Q N Y P
UniRef90_Q995R4 Y C V H E E I E
UniRef90_F6KKX9 Y C V H R R I D
UniRef90_M5BHD7 Y C V H Q R I D I K D T K E A
UniRef90_B5DC36 Y C V L Q N X X X K D T
UniRef90_W0GQK6 Y C V H Q N I D I K D I Q N K N K Q K K Q Q A A A N T G N S Q N Y P
UniRef90_Q9IND7 C C V H Q R I D V K D M Q N K N K Q K T Q Q A A A D K G N S Q N Y P
UniRef90_O89371 Y C V H Q
UniRef90_M4I6U6 Y C V H S D I D
UniRef90_S4USR2 W C V H Q R I
UniRef90_M5BG64 Y C V H E K I K V A D T K E A L D K I E E E Q T K S K K K T Q
UniRef90_Q9EAG4 Y C V H Q R I E V K D T K E A L E E V E Q Q A A M D E G N S Q N Y P
UniRef90_Q8Q400 Y C V H Q K I D
UniRef90_G3FTN4 Y C V H A N I K E E E Q H E S Q Q K T Q Q A K A A G E K V S Q N F P
UniRef90_G5DDG5 Y C V H Q G I E I E E E Q N K S K K K A Q Q A T G D T G N S Q N Y P
UniRef90_M5BG45 W C V H H R I E I K D T K E A L D K I E E X A A A T G S S S Q N Y P
UniRef90_Q6V5X2 Y C V H
UniRef90_A2TAU5 Y C V H Q K I E
UniRef90_Q6V5Z3 Y C V H
UniRef90_Q1PC99 Y W V H Q K I E V K D T K E A L D K L E Q Q G K A D K G V S Q N Y P
UniRef90_Q2I563 Y C V H K N I D
UniRef90_Q9J0I1 Y C V H Q R I E E Q N K S Q Q K Q K T Q Q A A A A D K G V S Q N Y P
UniRef90_M5BGE0 W C V H Q R I D
UniRef90_F6KLC9 Y C V H Q R I E
UniRef90_Q2XQ93 Y C V H Q R I D
UniRef90_Q7ZMM9 Y C V H Q X I D V K D T K E A L D K I E E Q Q A A D T G N S Q N Y P
UniRef90_M5BGE4 F C V H Q R I N L K D T N E A F D K I E E D P G N S S K V S Q N Y P
UniRef90_B2BRN5 Y
UniRef90_G3FTE5 Y C V H Q R I E Q Q K T Q Q A E A A D R G R V S Q N Y P
UniRef90_D7UPJ0 W C L H A E Q K V K D T E E A K K L A Q S H L A A A T E K A
UniRef90_Q8Q2D3 Y C V H S G I E
UniRef90_B6RNT8 Y C V H Q R I D I K D T K K A Q A D T G N S Q N Y P
UniRef90_Q2XQ84 Y C V H E K I K
UniRef90_S4US23 F C V H E R I D
UniRef90_Q76930 Y C L H A G E K V K D T E E A K K I A Q R H L V G N T E K M P
UniRef90_M5BHC9 Y C V H E R I
UniRef90_B6RNW1 Y C V H Q R I D E E Q N K I K K K T Q E Q Q A A A G T G N S Q N Y P
UniRef90_Q6V5X9 Y
UniRef90_J9PBX5 Y C V H E R I D V K D T K E A L E K I E Q P A T A D T K N S Q N Y P
UniRef90_Q9EAG8 Y C V H Q R I E V K D T K E A L E E V E Q Q A V K N E G N S Q N Y P
UniRef90_Q9IN96 Y C V H Q R I D V G D I Q K R N Q Q K T Q Q A T A D K G K S Q N Y P
UniRef90_Q7ZMM6 Y C V H Q R V D
UniRef90_Q1PCA0 Y Y V H Q R V D K S Q Q K E A Q L T K V S K G V S Q N Y P
UniRef90_B3CKG7 A C L Y N N I Q V S D T Q A A I K K I E V R P R E E K A S V N M P
UniRef90_M5BGG3 W C V H Q R I E X K D A Q K K S Q Q K T Q Q A A A D T G S S S Q N Y P
UniRef90_Q8Q3W6 Y
UniRef90_Q6V5X7
UniRef90_Q9J414 Y V K D T K E A L E K L E E E Q N K K T Q Q A A A D K G V S Q N Y P
UniRef90_B9ULY1 Y E K L E E E Q N K S Q Q K A Q Q Q K T Q Q A A A D K G V S Q N Y P
UniRef90_A7U509 Y C V H Q K I D X R D T Q N X S K K K A Q Q A A A D T G N S Q N Y P
UniRef90_Q79823 I E E E Q N K S K K K A Q Q T A A A T G Q S S Q N Y P
UniRef90_W8DQT0 F C V H A G I E V R D T M D A L D K C Q Q K L Q H D G K V S Q N Y P
UniRef90_M5BG35 Y F V H Q K I E I K D T K E A L D K L E X Q E A A D K G V S Q N Y P
UniRef90_I2A5F4 Y C V H Q R I E I E E E Q N K S K K K A Q P A A A D T G N S Q N Y P
UniRef90_Q9IK88 Y C V H E K I E K K S Q Q K S Q Q K T Q Q A K A A D E K V S Q N X P
lupas_21
lupas_14
lupas_28
jnet
conf 2 1 1 3 6 8 7 4 4 1 2 3 8 9 9 9 9 9 9 9 9 9 8 6 0 3 7 8 8 8 8 9 9
sol25 B B B B B B B B B B
sol5 B B B B
sol0 B
jhmm
jpssm