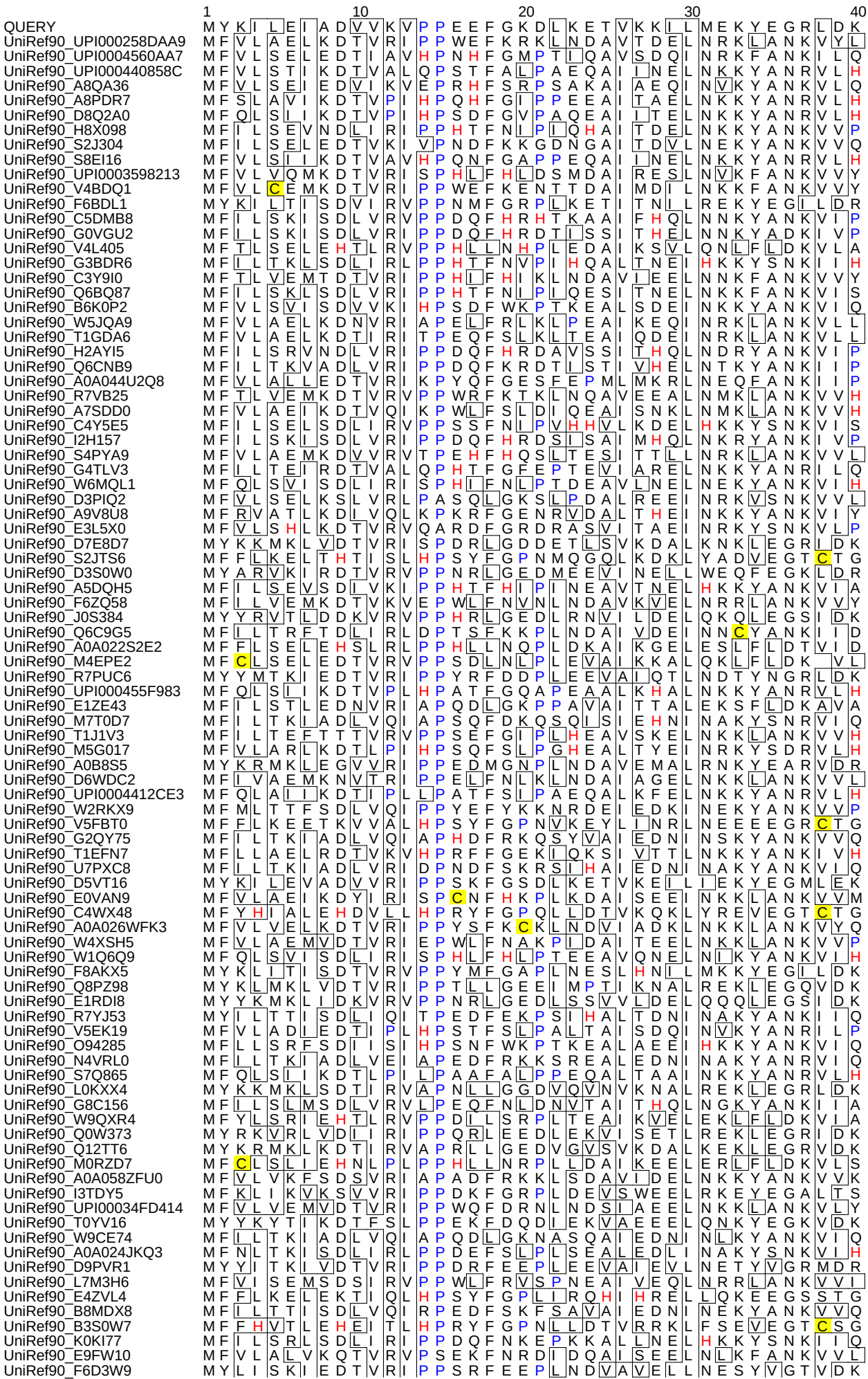
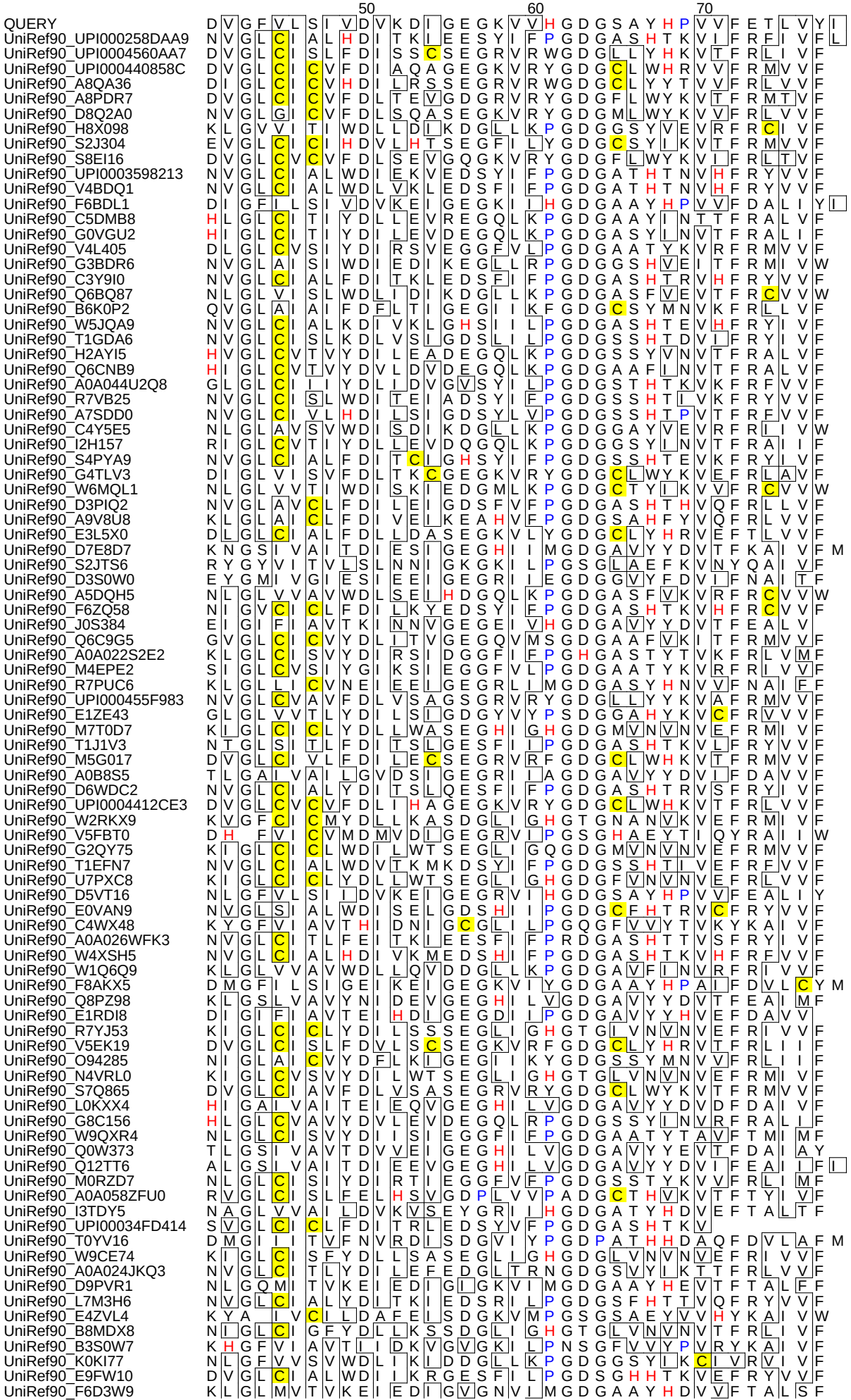
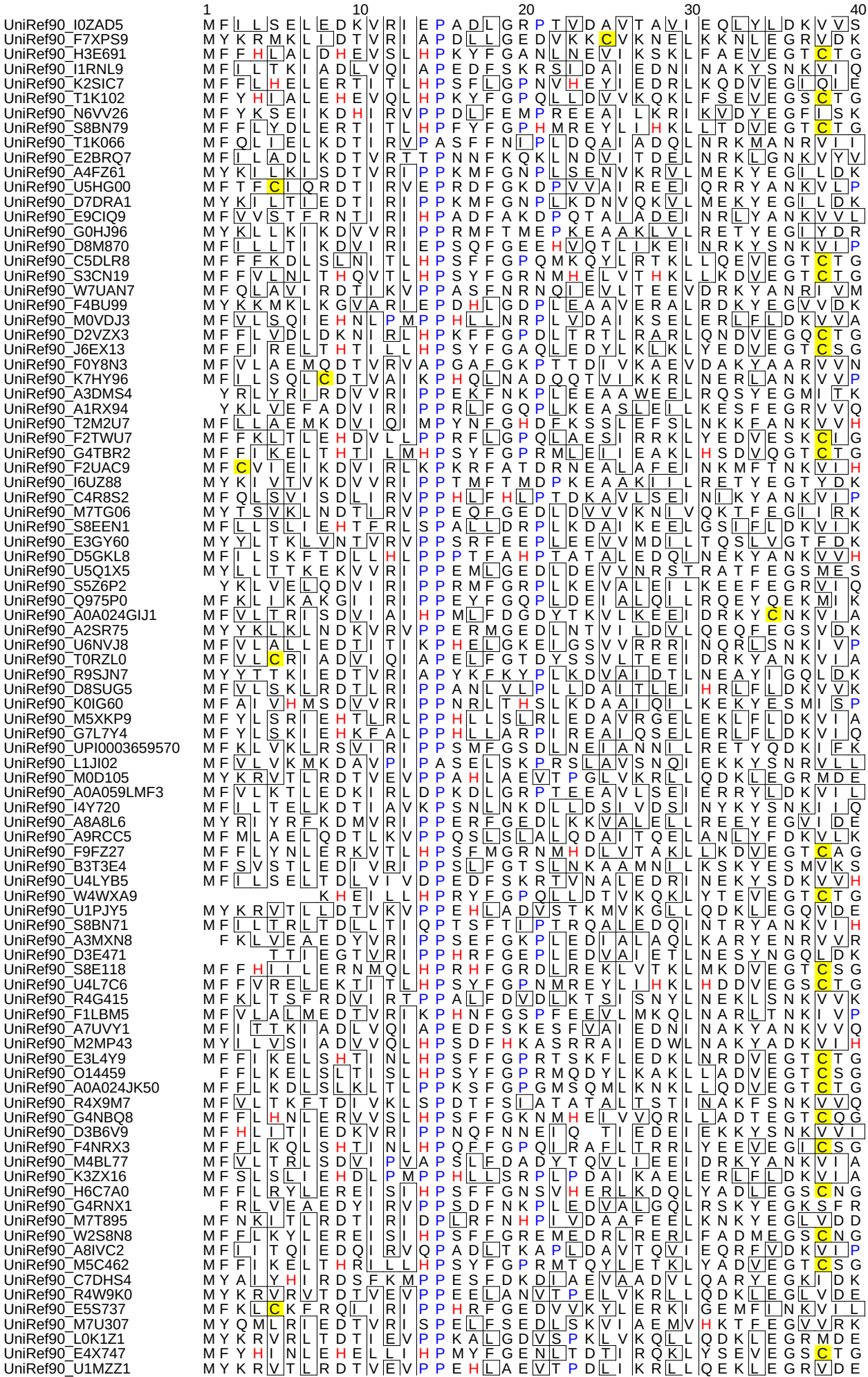
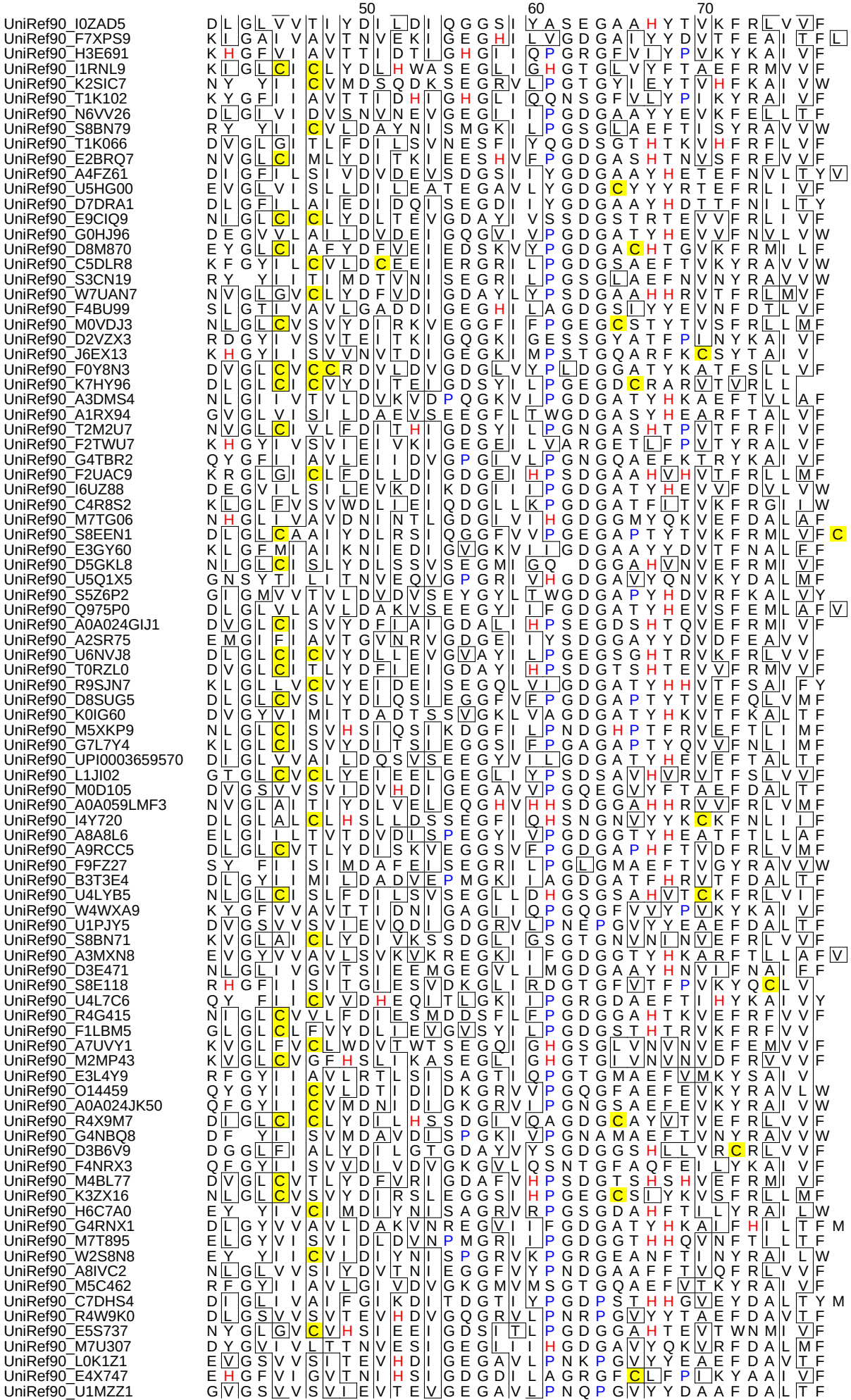
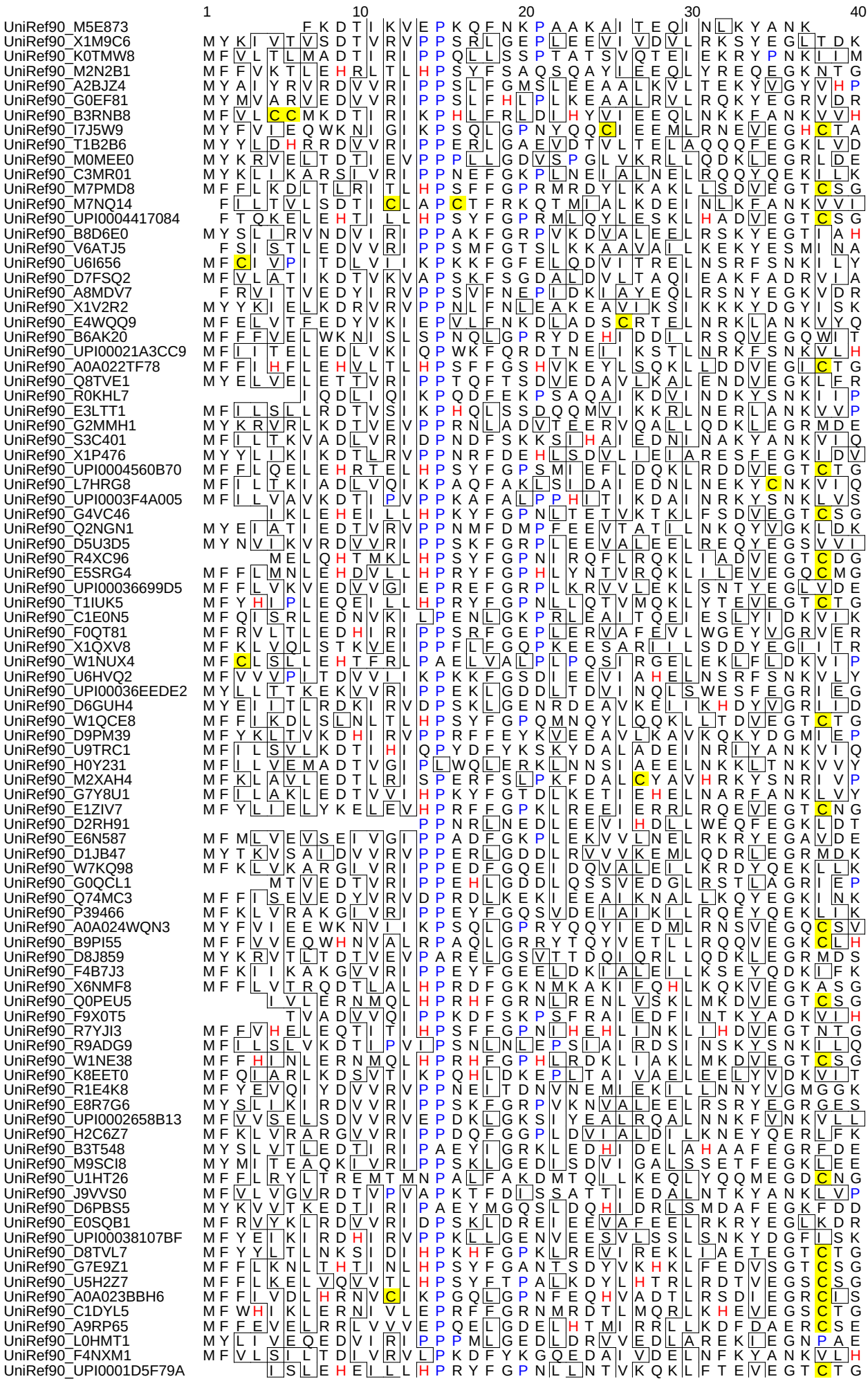
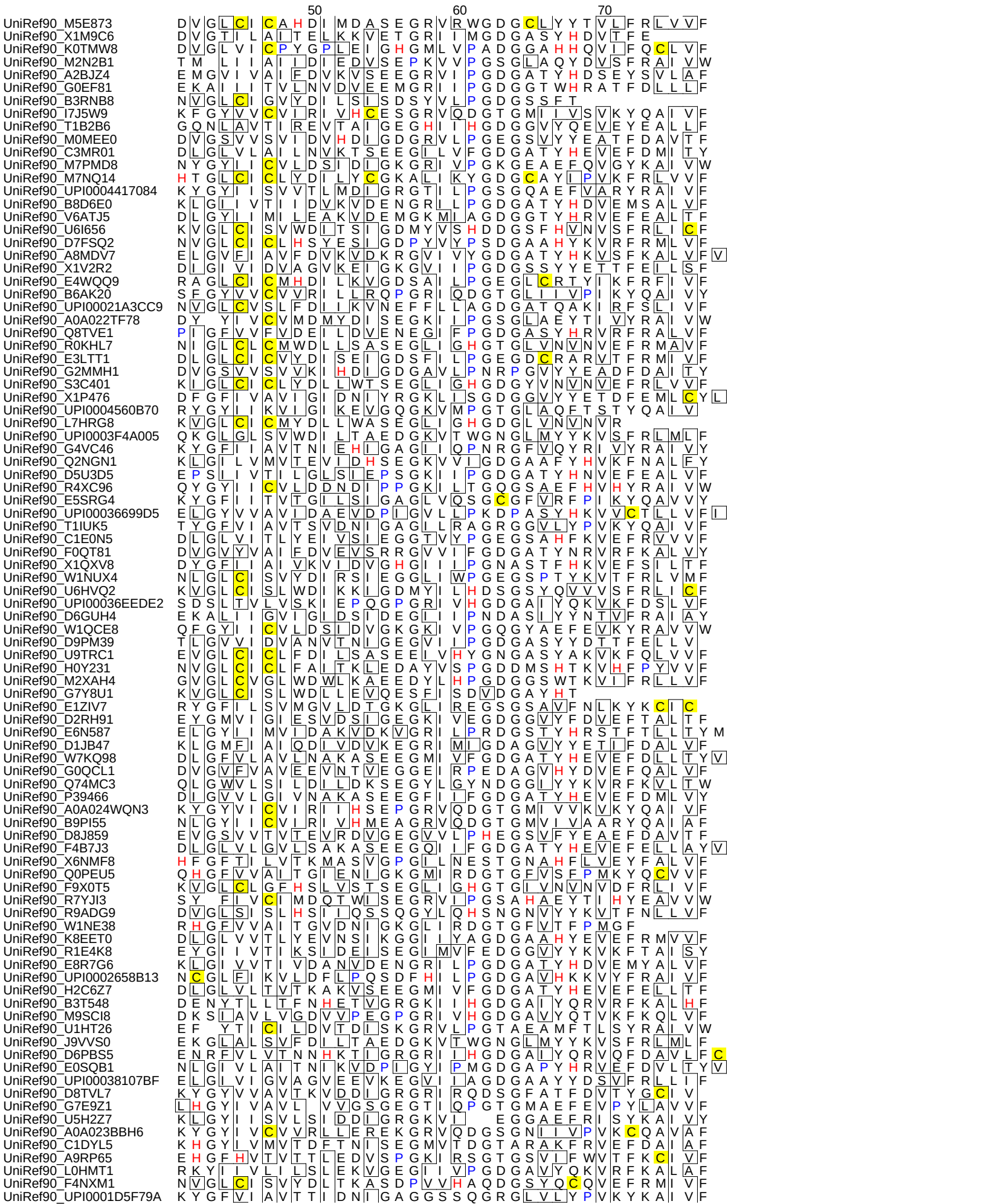

1
10
20
30
40
QUERY M Y K I L E I A D V V K V P P E E F G K D L K E T V K K I L M E K Y E G R L D K
UniRef90_UPI000258DAA9 M F V L A E L K D T V R I P P W E F K R K L N D A V T D E L N R K L A N K V Y L
UniRef90_UPI0004560AA7 M F V L S E L E D T I A V H P N H F G M P T I Q A V S D Q I N R K F A N K I L Q
UniRef90_UPI000440858C M F V L S T I K D T V A L Q P S T F A L P A E Q A I I N E L N K K Y A N R V L H
UniRef90_A8QA36 M F V L S E I E D V I K V E P R H F S R P S A K A I A E Q I N V K Y A N K V L Q
UniRef90_A8PDR7 M F S L A V I K D T V P I H P Q H F G I P P E E A I T A E L N K K Y A N R V L H
UniRef90_D8Q2A0 M F Q L S I I K D T V P I H P S D F G V P A Q E A I I T E L N K K Y A N R V L H
UniRef90_H8X098 M F I L S E V N D L I R I P P H T F N I P I Q H A I T D E L N K K Y A N K V V P
UniRef90_S2J304 M F I L S E L E D T V K I V P N D F K K G D N G A I T D V L N E K Y A N K V V Q
UniRef90_S8EI16 M F V L S I I K D T V A V H P Q N F G A P P E Q A I I N E L N K K Y A N R V L H
UniRef90_UPI0003598213 M F V L V Q M K D T V R I S P H L F H L D S M D A I R E S L N V K F A N K V V Y
UniRef90_V4BDQ1 M F V L C E M K D T V R I P P W E F K E N T T D A I M D I L N K K F A N K V V Y
UniRef90_F6BDL1 M Y K I L T I S D V I R V P P N M F G R P L K E T I T N I L R E K Y E G I L D R
UniRef90_C5DMB8 M F I L S K I S D L V R V P P D Q F H R H T K A A I F H Q L N N K Y A N K V I P
UniRef90_G0VGU2 M F I L S K I S D L V R I P P D Q F H R D T I S S I T H E L N N K Y A D K I V P
UniRef90_V4L405 M F T L S E L E H T L R V P P H L L N H P L E D A I K S V L Q N L F L D K V L A
UniRef90_G3BDR6 M F I L T K L S D L I R L P P H T F N V P I H Q A L T N E I H K K Y S N K I I H
UniRef90_C3Y9I0 M F T L V E M T D T V R I P P H I F H I K L N D A V I E E L N N K F A N K V V Y
UniRef90_Q6BQ87 M F I L S K L S D L V R I P P H T F N I P I Q E S I T N E L N K K F A N K V I S
UniRef90_B6K0P2 M F V L S V I S D V V K I H P S D F W K P T K E A L S D E I N K K Y A N K V I Q
UniRef90_W5JQA9 M F V L A E L K D N V R I A P E L F R L K L P E A I K E Q I N R K L A N K V L L
UniRef90_T1GDA6 M F V L A E L K D T I R I T P E Q F S L K L T E A I Q D E I N R K L A N K V L L
UniRef90_H2AYI5 M F I L S R V N D L V R I P P D Q F H R D A V S S I T H Q L N D R Y A N K V I P
UniRef90_Q6CNB9 M F I L T K V A D L V R I P P D Q F K R D T I S T I V H E L N T K Y A N K I I P
UniRef90_A0A044U2Q8 M F V L A L L E D T V R I K P Y Q F G E S F E P M L M K R L N E Q F A N K I I P
UniRef90_R7VB25 M F T L V E M K D T V R V P P W R F K T K L N Q A V E E A L N M K L A N K V V H
UniRef90_A7SDD0 M F V L A E I K D T V Q I K P W L F S L D I Q E A I S N K L N M K L A N K V V H
UniRef90_C4Y5E5 M F I L S E L S D L I R V P P S S F N I P V H H V L K D E L H K K Y S N K V I S
UniRef90_I2H157 M F I L S K I S D L V R I P P D Q F H R D S I S A I M H Q L N K R Y A N K I V P
UniRef90_S4PYA9 M F V L A E M K D V V R V T P E H F H Q S L T E S I T T L L N R K L A N K V V L
UniRef90_G4TLV3 M F I L T E I R D T V A L Q P H T F G F E P T E V I A R E L N K K Y A N R I L Q
UniRef90_W6MQL1 M F Q L S V I S D L I R I S P H I F N L P T D E A V L N E L N E K Y A N K V I H
UniRef90_D3PIQ2 M F V L S E L K S L V R L P A S Q L G K S L P D A L R E E I N R K V S N K V V L
UniRef90_A9V8U8 M F R V A T L K D I V Q L K P K R F G E N R V D A L T H E I N K K Y A N K V I Y
UniRef90_E3L5X0 M F V L S H L K D T V R V Q A R D F G R D R A S V I T A E I N R K Y S N K V L P
UniRef90_D7E8D7 M Y K K M K L V D T V R I S P D R L G D D E T L S V K D A L K N K L E G R I D K
UniRef90_S2JTS6 M F F L K E L T H T I S L H P S Y F G P N M Q G Q L K D K L Y A D V E G T C T G
UniRef90_D3S0W0 M Y A R V K I R D T V R V P P N R L G E D M E E V I N E L L W E Q F E G K L D R
UniRef90_A5DQH5 M F I L S E V S D I V K I P P H T F H I P I N E A V T N E L H K K Y A N K V I A
UniRef90_F6ZQ58 M F I L V E M K D T V K V E P W L F N V N L N D A V K V E L N R R L A N K V V Y
UniRef90_J0S384 M Y Y R V T L D D K V R V P P H R L G E D L R N V I L D E L Q K Q L E G S I D K
UniRef90_Q6C9G5 M F I L T R F T D L I R L D P T S F K K P L N D A I V D E I N N C Y A N K I I D
UniRef90_A0A022S2E2 M F F L S E L E H S L R L P P H L L N Q P L D K A I K G E L E S L F L D T V I D
UniRef90_M4EPE2 M F C L S E L E D T V R V P P S D L N L P L E V A I K K A L Q K L F L D K V L
UniRef90_R7PUC6 M Y Y M T K I E D T V R I P P Y R F D D P L E E V A I Q T L N D T Y N G R L D K
UniRef90_UPI000455F983 M F Q L S I I K D T V P L H P A T F G Q A P E A A L K H A L N K K Y A N R V L H
UniRef90_E1ZE43 M F I L S T L E D N V R I A P Q D L G K P P A V A I T T A L E K S F L D K A V A
UniRef90_M7T0D7 M F I L T K I A D L V Q I A P S Q F D K Q S Q I S I E H N I N A K Y S N R V I Q
UniRef90_T1J1V3 M F I L T E F T T T V R V P P S E F G I P L H E A V S K E L N K K L A N K V V H
UniRef90_M5G017 M F V L A R L K D T L P I H P S Q F S L P G H E A L T Y E I N R K Y S D R V L H
UniRef90_A0B8S5 M Y K R M K L E G V V R I P P E D M G N P L N D A V E M A L R N K Y E A R V D R
UniRef90_D6WDC2 M F I V A E M K N V T R I P P E L F N L K L N D A I A G E L N K K L A N K V V L
UniRef90_UPI0004412CE3 M F Q L A I I K D T I P L L P A T F S I P A E Q A L K F E L N K K Y A N R V L H
UniRef90_W2RKX9 M F M L T T F S D L V Q I P P Y E F Y K K N R D E I E D K I N E K Y A N K V V P
UniRef90_V5FBT0 M F F L K E E T K V V A L H P S Y F G P N V K E Y L I N R L N E E E E G R C T G
UniRef90_G2QY75 M F I L T K I A D L V Q I A P H D F R K Q S Y V A I E D N I N S K Y A N K V V Q
UniRef90_T1EFN7 M F L L A E L R D T V K V H P R F F G E K I Q K S I V T T L N K K Y A N K I V H
UniRef90_U7PXC8 M F I L T K I A D L V R I D P N D F S K R S I H A I E D N I N A K Y A N K V I Q
UniRef90_D5VT16 M Y K I L E V A D V V R I P P S K F G S D L K E T V K E I L I E K Y E G M L E K
UniRef90_E0VAN9 M F V L A E I K D Y I R I S P C N F H K P L K D A I S E E I N K K L A N K V V M
UniRef90_C4WX48 M F Y H I A L E H D V L L H P R Y F G P Q L L D T V K Q K L Y R E V E G T C T G
UniRef90_A0A026WFK3 M F V L V E L K D T V R I P P Y S F K C K L N D V I A D K L N K K L A N K V Y Q
UniRef90_W4XSH5 M F V L A E M V D T V R I E P W L F N A K P I D A I T E E L N K K L A N K V V P
UniRef90_W1Q6Q9 M F Q L S V I S D L I R I S P H L F H L P T E E A V Q N E L N I K Y A N K V I H
UniRef90_F8AKX5 M Y K L I T I S D T V R V P P Y M F G A P L N E S L H N I L M K K Y E G I L D K
UniRef90_Q8PZ98 M Y K L M K L V D T V R I P P T L L G E E I M P T I K N A L R E K L E G Q V D K
UniRef90_E1RDI8 M Y Y K M K L I D K V R V P P N R L G E D L S S V V L D E L Q Q Q L E G S I D K
UniRef90_R7YJ53 M Y I L T T I S D L I Q I T P E D F E K P S I H A L T D N I N A K Y A N K I I Q
UniRef90_V5EK19 M F V L A D I E D T I P L H P S T F S L P A L T A I S D Q I N V K Y A N R I L P
UniRef90_O94285 M F L L S R F S D I I S I H P S N F W K P T K E A L A E E I H K K Y A N K V I Q
UniRef90_N4VRL0 M F I L T K I A D L V E I A P E D F R K K S R E A L E D N I N A K Y A N R V I Q
UniRef90_S7Q865 M F Q L S I I K D T L P I L P A A F A L P P E Q A L T A A I N K K Y A N R V L H
UniRef90_L0KXX4 M Y K K M K L S D T I R V A P N L L G G D V Q V N V K N A L R E K L E G R L D K
UniRef90_G8C156 M F I L S L M S D L V R V L P E Q F N L D N V T A I T H Q L N G K Y A N K I I A
UniRef90_W9QXR4 M F Y L S R I E H T L R V P P D I L S R P L T E A I K V E L E K L F L D K V I A
UniRef90_Q0W373 M Y R K V R L V D I I R I P P Q R L E E D L E K V I S E T L R E K L E G R I D K
UniRef90_Q12TT6 M Y K R M K L K D T I R V A P R L L G E D V G V S V K D A L K E K L E G R V D K
UniRef90_M0RZD7 M F C L S L I E H N L P L P P H L L N R P L L D A I K E E L E R L F L D K V L S
UniRef90_A0A058ZFU0 M F V L V K F S D S V R I A P A D F R K K L S D A V I D E L N K K Y A N K V V K
UniRef90_I3TDY5 M F K L I K V K S V V R I P P D K F G R P L D E V S W E E L R K E Y E G A L T S
UniRef90_UPI00034FD414 M F V L V E M V D T V R I P P W Q F D R N L N D S I A E E L N K K L A N K V L Y
UniRef90_T0YV16 M Y Y K Y T I K D T F S L P P E K F D Q D I E K V A E E E L Q N K Y E G K V D K
UniRef90_W9CE74 M F I L T K I A D L V Q I A P Q D L G K N A S Q A I E D N I N L K Y A N K V I Q
UniRef90_A0A024JKQ3 M F N L T K I S D L I R L P P D E F S L P L S E A L E D L I N A K Y S N K V I H
UniRef90_D9PVR1 M Y Y I T K I V D T V R I P P D R F E E P L E E V A I E V L N E T Y V G R M D R
UniRef90_L7M3H6 M F V I S E M S D S I R V P P W L F R V S P N E A I V E Q L N R R L A N K V V I
UniRef90_E4ZVL4 M F F L K E L E K T I Q L H P S Y F G P L I R Q H I H R E L L Q K E E G S S T G
UniRef90_B8MDX8 M F I L T T I S D L V Q I R P E D F S K F S A V A I E D N I N E K Y A N K V V Q
UniRef90_B3S0W7 M F F H V T L E H E I T L H P R Y F G P N L L D T V R R K L F S E V E G T C S G
UniRef90_K0KI77 M F I L S R L S D L I R I P P D Q F N K E P K K A L L N E L H K K Y S N K I I Q
UniRef90_E9FW10 M F V L A L V K Q T V R V P S E K F N R D I D Q A I S E E L N L K F A N K V V L
UniRef90_F6D3W9 M Y L I S K I E D T V R I P P S R F E E P L N D V A V E L L N E S Y V G T V D K

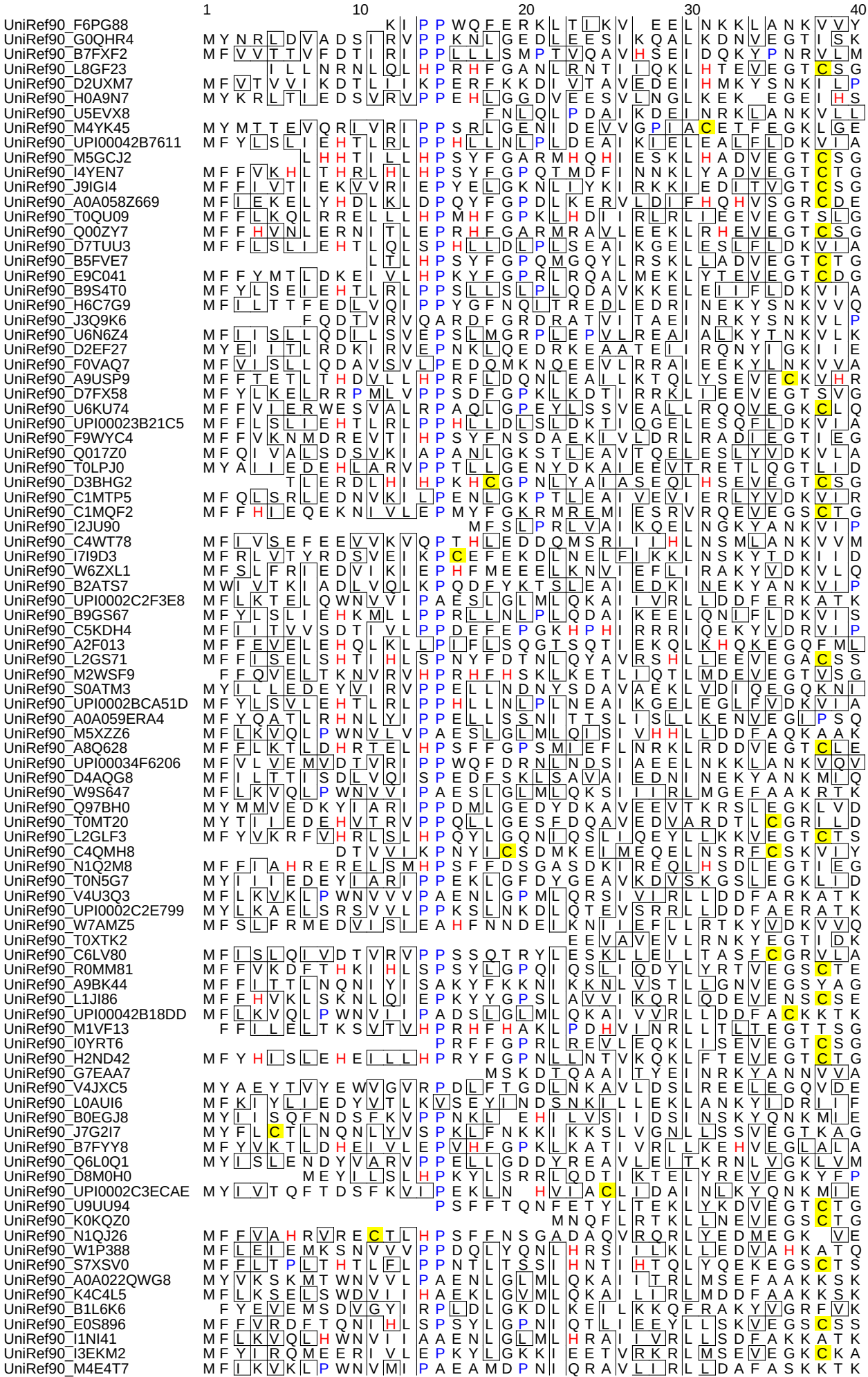

50
60
70
QUERY
UniRef90_UPI000258DAA9
UniRef90_UPI0004560AA7
UniRef90_UPI000440858C
UniRef90_A8QA36
UniRef90_A8PDR7
UniRef90_D8Q2A0
UniRef90_H8X098
UniRef90_S2J304
UniRef90_S8EI16
UniRef90_UPI0003598213
UniRef90_V4BDQ1
UniRef90_F6BDL1
UniRef90_C5DMB8
UniRef90_G0VGU2
UniRef90_V4L405
UniRef90_G3BDR6
UniRef90_C3Y9I0
UniRef90_Q6BQ87
UniRef90_B6K0P2
UniRef90_W5JQA9
UniRef90_T1GDA6
UniRef90_H2AYI5
UniRef90_Q6CNB9
UniRef90_A0A044U2Q8
UniRef90_R7VB25
UniRef90_A7SDD0
UniRef90_C4Y5E5
UniRef90_I2H157
UniRef90_S4PYA9
UniRef90_G4TLV3
UniRef90_W6MQL1
UniRef90_D3PIQ2
UniRef90_A9V8U8
UniRef90_E3L5X0
UniRef90_D7E8D7
UniRef90_S2JTS6
UniRef90_D3S0W0
UniRef90_A5DQH5
UniRef90_F6ZQ58
UniRef90_J0S384
UniRef90_Q6C9G5
UniRef90_A0A022S2E2
UniRef90_M4EPE2
UniRef90_R7PUC6
UniRef90_UPI000455F983
UniRef90_E1ZE43
UniRef90_M7T0D7
UniRef90_T1J1V3
UniRef90_M5G017
UniRef90_A0B8S5
UniRef90_D6WDC2
UniRef90_UPI0004412CE3
UniRef90_W2RKX9
UniRef90_V5FBT0
UniRef90_G2QY75
UniRef90_T1EFN7
UniRef90_U7PXC8
UniRef90_D5VT16
UniRef90_E0VAN9
UniRef90_C4WX48
UniRef90_A0A026WFK3
UniRef90_W4XSH5
UniRef90_W1Q6Q9
UniRef90_F8AKX5
UniRef90_Q8PZ98
UniRef90_E1RDI8
UniRef90_R7YJ53
UniRef90_V5EK19
UniRef90_O94285
UniRef90_N4VRL0
UniRef90_S7Q865
UniRef90_L0KXX4
UniRef90_G8C156
UniRef90_W9QXR4
UniRef90_Q0W373
UniRef90_Q12TT6
UniRef90_M0RZD7
UniRef90_A0A058ZFU0
UniRef90_I3TDY5
UniRef90_UPI00034FD414
UniRef90_T0YV16
UniRef90_W9CE74
UniRef90_A0A024JKQ3
UniRef90_D9PVR1
UniRef90_L7M3H6
UniRef90_E4ZVL4
UniRef90_B8MDX8
UniRef90_B3S0W7
UniRef90_K0KI77
UniRef90_E9FW10
UniRef90_F6D3W9

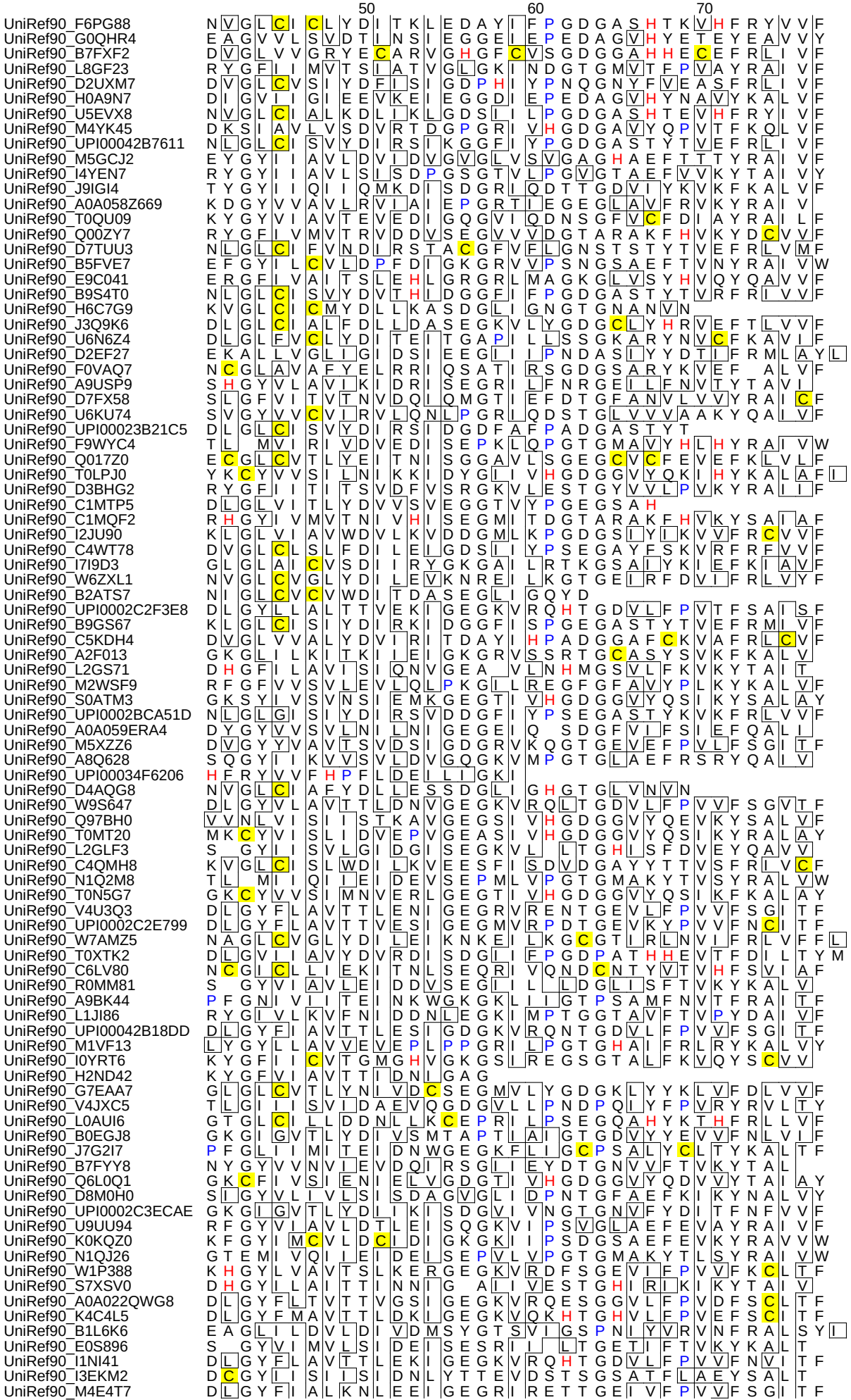

1
10
20
30
40
UniRef90_I0ZAD5
UniRef90_F7XPS9
UniRef90_H3E691
UniRef90_I1RNL9
UniRef90_K2SIC7
UniRef90_T1K102
UniRef90_N6VV26
UniRef90_S8BN79
UniRef90_T1K066
UniRef90_E2BRQ7
UniRef90_A4FZ61
UniRef90_U5HG00
UniRef90_D7DRA1
UniRef90_E9CIQ9
UniRef90_G0HJ96
UniRef90_D8M870
UniRef90_C5DLR8
UniRef90_S3CN19
UniRef90_W7UAN7
UniRef90_F4BU99
UniRef90_M0VDJ3
UniRef90_D2VZX3
UniRef90_J6EX13
UniRef90_F0Y8N3
UniRef90_K7HY96
UniRef90_A3DMS4
UniRef90_A1RX94
UniRef90_T2M2U7
UniRef90_F2TWU7
UniRef90_G4TBR2
UniRef90_F2UAC9
UniRef90_I6UZ88
UniRef90_C4R8S2
UniRef90_M7TG06
UniRef90_S8EEN1
UniRef90_E3GY60
UniRef90_D5GKL8
UniRef90_U5Q1X5
UniRef90_S5Z6P2
UniRef90_Q975P0
UniRef90_A0A024GIJ1
UniRef90_A2SR75
UniRef90_U6NVJ8
UniRef90_T0RZL0
UniRef90_R9SJN7
UniRef90_D8SUG5
UniRef90_K0IG60
UniRef90_M5XKP9
UniRef90_G7L7Y4
UniRef90_UPI0003659570
UniRef90_L1JI02
UniRef90_M0D105
UniRef90_A0A059LMF3
UniRef90_I4Y720
UniRef90_A8A8L6
UniRef90_A9RCC5
UniRef90_F9FZ27
UniRef90_B3T3E4
UniRef90_U4LYB5
UniRef90_W4WXA9
UniRef90_U1PJY5
UniRef90_S8BN71
UniRef90_A3MXN8
UniRef90_D3E471
UniRef90_S8E118
UniRef90_U4L7C6
UniRef90_R4G415
UniRef90_F1LBM5
UniRef90_A7UVY1
UniRef90_M2MP43
UniRef90_E3L4Y9
UniRef90_O14459
UniRef90_A0A024JK50
UniRef90_R4X9M7
UniRef90_G4NBQ8
UniRef90_D3B6V9
UniRef90_F4NRX3
UniRef90_M4BL77
UniRef90_K3ZX16
UniRef90_H6C7A0
UniRef90_G4RNX1
UniRef90_M7T895
UniRef90_W2S8N8
UniRef90_A8IVC2
UniRef90_M5C462
UniRef90_C7DHS4
UniRef90_R4W9K0
UniRef90_E5S737
UniRef90_M7U307
UniRef90_L0K1Z1
UniRef90_E4X747
UniRef90_U1MZZ1

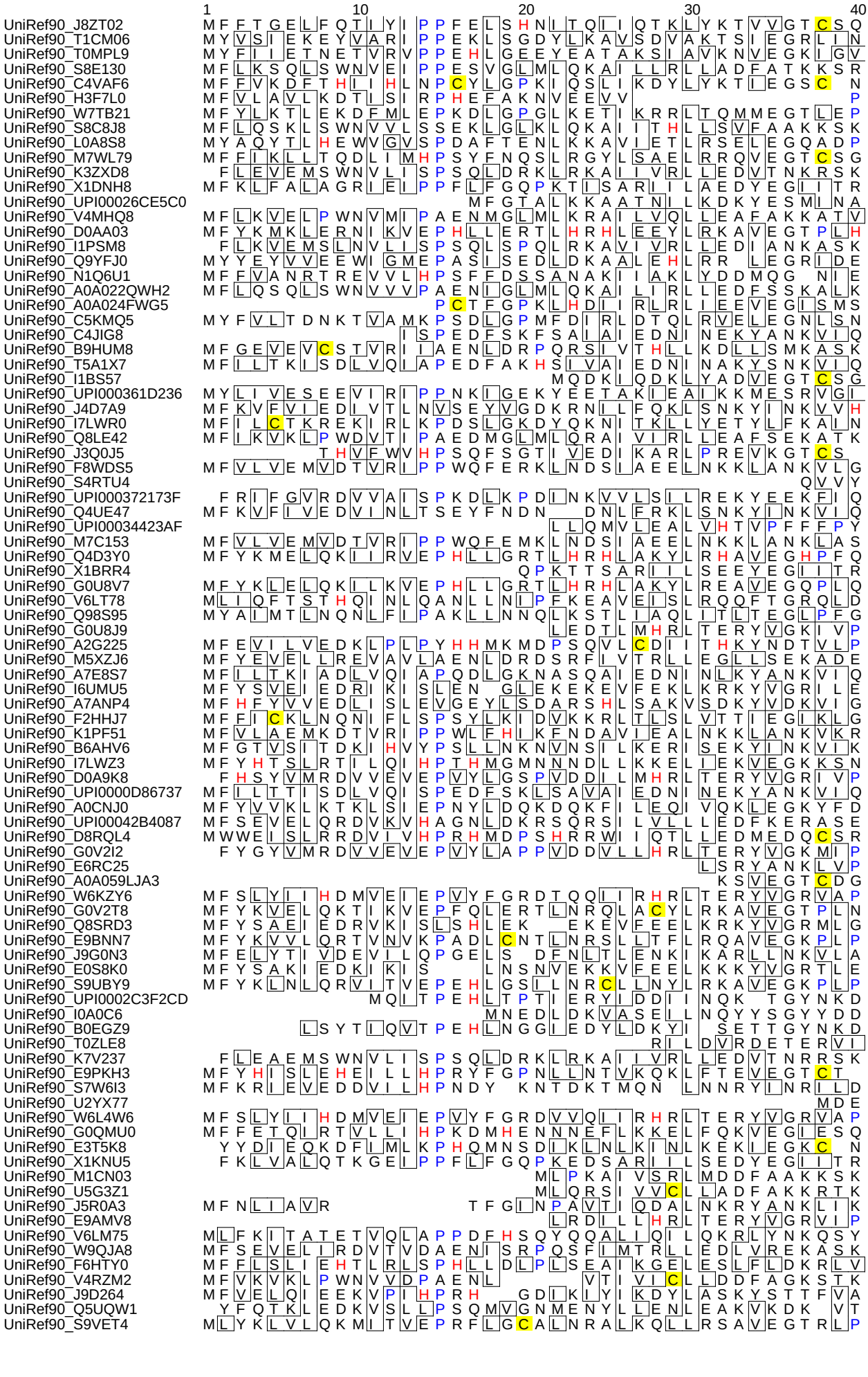

50
60
70
UniRef90_I0ZAD5
UniRef90_F7XPS9
UniRef90_H3E691
UniRef90_I1RNL9
UniRef90_K2SIC7
UniRef90_T1K102
UniRef90_N6VV26
UniRef90_S8BN79
UniRef90_T1K066
UniRef90_E2BRQ7
UniRef90_A4FZ61
UniRef90_U5HG00
UniRef90_D7DRA1
UniRef90_E9CIQ9
UniRef90_G0HJ96
UniRef90_D8M870
UniRef90_C5DLR8
UniRef90_S3CN19
UniRef90_W7UAN7
UniRef90_F4BU99
UniRef90_M0VDJ3
UniRef90_D2VZX3
UniRef90_J6EX13
UniRef90_F0Y8N3
UniRef90_K7HY96
UniRef90_A3DMS4
UniRef90_A1RX94
UniRef90_T2M2U7
UniRef90_F2TWU7
UniRef90_G4TBR2
UniRef90_F2UAC9
UniRef90_I6UZ88
UniRef90_C4R8S2
UniRef90_M7TG06
UniRef90_S8EEN1
UniRef90_E3GY60
UniRef90_D5GKL8
UniRef90_U5Q1X5
UniRef90_S5Z6P2
UniRef90_Q975P0
UniRef90_A0A024GIJ1
UniRef90_A2SR75
UniRef90_U6NVJ8
UniRef90_T0RZL0
UniRef90_R9SJN7
UniRef90_D8SUG5
UniRef90_K0IG60
UniRef90_M5XKP9
UniRef90_G7L7Y4
UniRef90_UPI0003659570
UniRef90_L1JI02
UniRef90_M0D105
UniRef90_A0A059LMF3
UniRef90_I4Y720
UniRef90_A8A8L6
UniRef90_A9RCC5
UniRef90_F9FZ27
UniRef90_B3T3E4
UniRef90_U4LYB5
UniRef90_W4WXA9
UniRef90_U1PJY5
UniRef90_S8BN71
UniRef90_A3MXN8
UniRef90_D3E471
UniRef90_S8E118
UniRef90_U4L7C6
UniRef90_R4G415
UniRef90_F1LBM5
UniRef90_A7UVY1
UniRef90_M2MP43
UniRef90_E3L4Y9
UniRef90_O14459
UniRef90_A0A024JK50
UniRef90_R4X9M7
UniRef90_G4NBQ8
UniRef90_D3B6V9
UniRef90_F4NRX3
UniRef90_M4BL77
UniRef90_K3ZX16
UniRef90_H6C7A0
UniRef90_G4RNX1
UniRef90_M7T895
UniRef90_W2S8N8
UniRef90_A8IVC2
UniRef90_M5C462
UniRef90_C7DHS4
UniRef90_R4W9K0
UniRef90_E5S737
UniRef90_M7U307
UniRef90_L0K1Z1
UniRef90_E4X747
UniRef90_U1MZZ1

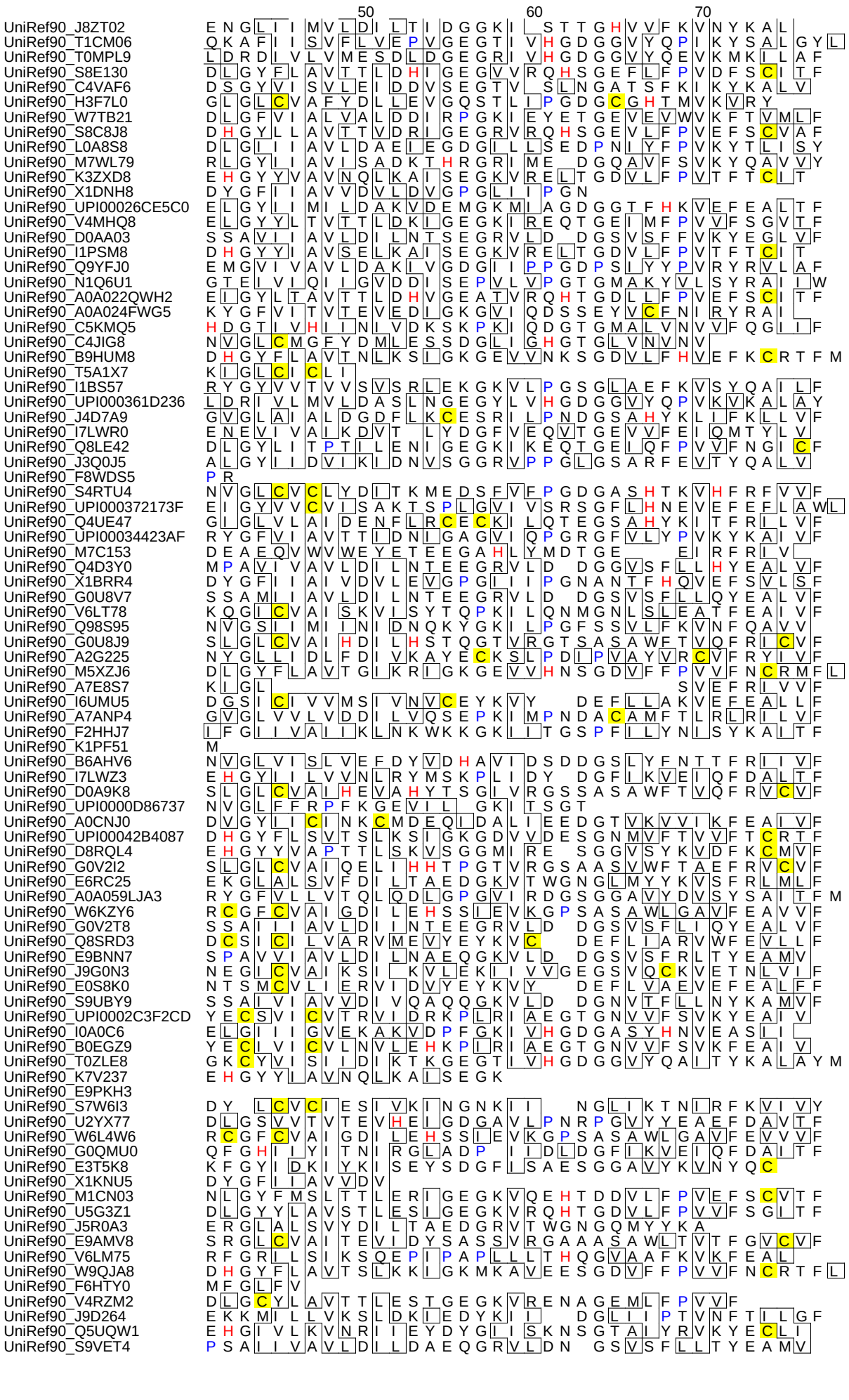

1
10
20
30
40
UniRef90_M5E873
UniRef90_X1M9C6
UniRef90_K0TMW8
UniRef90_M2N2B1
UniRef90_A2BJZ4
UniRef90_G0EF81
UniRef90_B3RNB8
UniRef90_I7J5W9
UniRef90_T1B2B6
UniRef90_M0MEE0
UniRef90_C3MR01
UniRef90_M7PMD8
UniRef90_M7NQ14
UniRef90_UPI0004417084
UniRef90_B8D6E0
UniRef90_V6ATJ5
UniRef90_U6I656
UniRef90_D7FSQ2
UniRef90_A8MDV7
UniRef90_X1V2R2
UniRef90_E4WQQ9
UniRef90_B6AK20
UniRef90_UPI00021A3CC9
UniRef90_A0A022TF78
UniRef90_Q8TVE1
UniRef90_R0KHL7
UniRef90_E3LTT1
UniRef90_G2MMH1
UniRef90_S3C401
UniRef90_X1P476
UniRef90_UPI0004560B70
UniRef90_L7HRG8
UniRef90_UPI0003F4A005
UniRef90_G4VC46
UniRef90_Q2NGN1
UniRef90_D5U3D5
UniRef90_R4XC96
UniRef90_E5SRG4
UniRef90_UPI00036699D5
UniRef90_T1IUK5
UniRef90_C1E0N5
UniRef90_F0QT81
UniRef90_X1QXV8
UniRef90_W1NUX4
UniRef90_U6HVQ2
UniRef90_UPI00036EEDE2
UniRef90_D6GUH4
UniRef90_W1QCE8
UniRef90_D9PM39
UniRef90_U9TRC1
UniRef90_H0Y231
UniRef90_M2XAH4
UniRef90_G7Y8U1
UniRef90_E1ZIV7
UniRef90_D2RH91
UniRef90_E6N587
UniRef90_D1JB47
UniRef90_W7KQ98
UniRef90_G0QCL1
UniRef90_Q74MC3
UniRef90_P39466
UniRef90_A0A024WQN3
UniRef90_B9PI55
UniRef90_D8J859
UniRef90_F4B7J3
UniRef90_X6NMF8
UniRef90_Q0PEU5
UniRef90_F9X0T5
UniRef90_R7YJI3
UniRef90_R9ADG9
UniRef90_W1NE38
UniRef90_K8EET0
UniRef90_R1E4K8
UniRef90_E8R7G6
UniRef90_UPI0002658B13
UniRef90_H2C6Z7
UniRef90_B3T548
UniRef90_M9SCI8
UniRef90_U1HT26
UniRef90_J9VVS0
UniRef90_D6PBS5
UniRef90_E0SQB1
UniRef90_UPI00038107BF
UniRef90_D8TVL7
UniRef90_G7E9Z1
UniRef90_U5H2Z7
UniRef90_A0A023BBH6
UniRef90_C1DYL5
UniRef90_A9RP65
UniRef90_L0HMT1
UniRef90_F4NXM1
UniRef90_UPI0001D5F79A

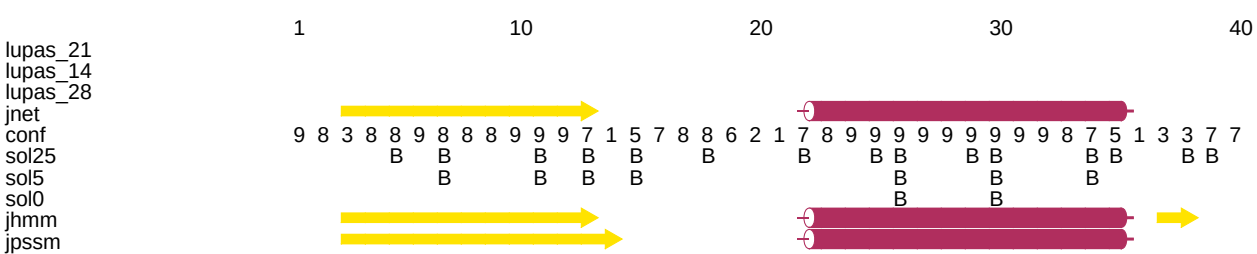

50
60
70
UniRef90_M5E873
UniRef90_X1M9C6
UniRef90_K0TMW8
UniRef90_M2N2B1
UniRef90_A2BJZ4
UniRef90_G0EF81
UniRef90_B3RNB8
UniRef90_I7J5W9
UniRef90_T1B2B6
UniRef90_M0MEE0
UniRef90_C3MR01
UniRef90_M7PMD8
UniRef90_M7NQ14
UniRef90_UPI0004417084
UniRef90_B8D6E0
UniRef90_V6ATJ5
UniRef90_U6I656
UniRef90_D7FSQ2
UniRef90_A8MDV7
UniRef90_X1V2R2
UniRef90_E4WQQ9
UniRef90_B6AK20
UniRef90_UPI00021A3CC9
UniRef90_A0A022TF78
UniRef90_Q8TVE1
UniRef90_R0KHL7
UniRef90_E3LTT1
UniRef90_G2MMH1
UniRef90_S3C401
UniRef90_X1P476
UniRef90_UPI0004560B70
UniRef90_L7HRG8
UniRef90_UPI0003F4A005
UniRef90_G4VC46
UniRef90_Q2NGN1
UniRef90_D5U3D5
UniRef90_R4XC96
UniRef90_E5SRG4
UniRef90_UPI00036699D5
UniRef90_T1IUK5
UniRef90_C1E0N5
UniRef90_F0QT81
UniRef90_X1QXV8
UniRef90_W1NUX4
UniRef90_U6HVQ2
UniRef90_UPI00036EEDE2
UniRef90_D6GUH4
UniRef90_W1QCE8
UniRef90_D9PM39
UniRef90_U9TRC1
UniRef90_H0Y231
UniRef90_M2XAH4
UniRef90_G7Y8U1
UniRef90_E1ZIV7
UniRef90_D2RH91
UniRef90_E6N587
UniRef90_D1JB47
UniRef90_W7KQ98
UniRef90_G0QCL1
UniRef90_Q74MC3
UniRef90_P39466
UniRef90_A0A024WQN3
UniRef90_B9PI55
UniRef90_D8J859
UniRef90_F4B7J3
UniRef90_X6NMF8
UniRef90_Q0PEU5
UniRef90_F9X0T5
UniRef90_R7YJI3
UniRef90_R9ADG9
UniRef90_W1NE38
UniRef90_K8EET0
UniRef90_R1E4K8
UniRef90_E8R7G6
UniRef90_UPI0002658B13
UniRef90_H2C6Z7
UniRef90_B3T548
UniRef90_M9SCI8
UniRef90_U1HT26
UniRef90_J9VVS0
UniRef90_D6PBS5
UniRef90_E0SQB1
UniRef90_UPI00038107BF
UniRef90_D8TVL7
UniRef90_G7E9Z1
UniRef90_U5H2Z7
UniRef90_A0A023BBH6
UniRef90_C1DYL5
UniRef90_A9RP65
UniRef90_L0HMT1
UniRef90_F4NXM1
UniRef90_UPI0001D5F79A

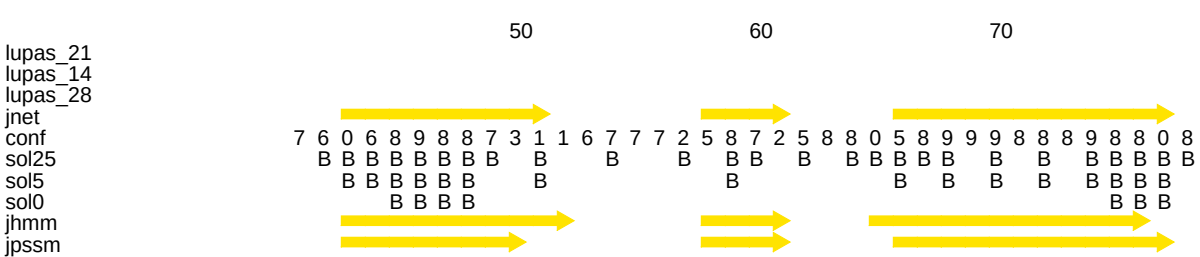

1
10
20
30
40
UniRef90_F6PG88
UniRef90_G0QHR4
UniRef90_B7FXF2
UniRef90_L8GF23
UniRef90_D2UXM7
UniRef90_H0A9N7
UniRef90_U5EVX8
UniRef90_M4YK45
UniRef90_UPI00042B7611
UniRef90_M5GCJ2
UniRef90_I4YEN7
UniRef90_J9IGI4
UniRef90_A0A058Z669
UniRef90_T0QU09
UniRef90_Q00ZY7
UniRef90_D7TUU3
UniRef90_B5FVE7
UniRef90_E9C041
UniRef90_B9S4T0
UniRef90_H6C7G9
UniRef90_J3Q9K6
UniRef90_U6N6Z4
UniRef90_D2EF27
UniRef90_F0VAQ7
UniRef90_A9USP9
UniRef90_D7FX58
UniRef90_U6KU74
UniRef90_UPI00023B21C5
UniRef90_F9WYC4
UniRef90_Q017Z0
UniRef90_T0LPJ0
UniRef90_D3BHG2
UniRef90_C1MTP5
UniRef90_C1MQF2
UniRef90_I2JU90
UniRef90_C4WT78
UniRef90_I7I9D3
UniRef90_W6ZXL1
UniRef90_B2ATS7
UniRef90_UPI0002C2F3E8
UniRef90_B9GS67
UniRef90_C5KDH4
UniRef90_A2F013
UniRef90_L2GS71
UniRef90_M2WSF9
UniRef90_S0ATM3
UniRef90_UPI0002BCA51D
UniRef90_A0A059ERA4
UniRef90_M5XZZ6
UniRef90_A8Q628
UniRef90_UPI00034F6206
UniRef90_D4AQG8
UniRef90_W9S647
UniRef90_Q97BH0
UniRef90_T0MT20
UniRef90_L2GLF3
UniRef90_C4QMH8
UniRef90_N1Q2M8
UniRef90_T0N5G7
UniRef90_V4U3Q3
UniRef90_UPI0002C2E799
UniRef90_W7AMZ5
UniRef90_T0XTK2
UniRef90_C6LV80
UniRef90_R0MM81
UniRef90_A9BK44
UniRef90_L1JI86
UniRef90_UPI00042B18DD
UniRef90_M1VF13
UniRef90_I0YRT6
UniRef90_H2ND42
UniRef90_G7EAA7
UniRef90_V4JXC5
UniRef90_L0AUI6
UniRef90_B0EGJ8
UniRef90_J7G2I7
UniRef90_B7FYY8
UniRef90_Q6L0Q1
UniRef90_D8M0H0
UniRef90_UPI0002C3ECAE
UniRef90_U9UU94
UniRef90_K0KQZ0
UniRef90_N1QJ26
UniRef90_W1P388
UniRef90_S7XSV0
UniRef90_A0A022QWG8
UniRef90_K4C4L5
UniRef90_B1L6K6
UniRef90_E0S896
UniRef90_I1NI41
UniRef90_I3EKM2
UniRef90_M4E4T7


50
60
70
UniRef90_F6PG88
UniRef90_G0QHR4
UniRef90_B7FXF2
UniRef90_L8GF23
UniRef90_D2UXM7
UniRef90_H0A9N7
UniRef90_U5EVX8
UniRef90_M4YK45
UniRef90_UPI00042B7611
UniRef90_M5GCJ2
UniRef90_I4YEN7
UniRef90_J9IGI4
UniRef90_A0A058Z669
UniRef90_T0QU09
UniRef90_Q00ZY7
UniRef90_D7TUU3
UniRef90_B5FVE7
UniRef90_E9C041
UniRef90_B9S4T0
UniRef90_H6C7G9
UniRef90_J3Q9K6
UniRef90_U6N6Z4
UniRef90_D2EF27
UniRef90_F0VAQ7
UniRef90_A9USP9
UniRef90_D7FX58
UniRef90_U6KU74
UniRef90_UPI00023B21C5
UniRef90_F9WYC4
UniRef90_Q017Z0
UniRef90_T0LPJ0
UniRef90_D3BHG2
UniRef90_C1MTP5
UniRef90_C1MQF2
UniRef90_I2JU90
UniRef90_C4WT78
UniRef90_I7I9D3
UniRef90_W6ZXL1
UniRef90_B2ATS7
UniRef90_UPI0002C2F3E8
UniRef90_B9GS67
UniRef90_C5KDH4
UniRef90_A2F013
UniRef90_L2GS71
UniRef90_M2WSF9
UniRef90_S0ATM3
UniRef90_UPI0002BCA51D
UniRef90_A0A059ERA4
UniRef90_M5XZZ6
UniRef90_A8Q628
UniRef90_UPI00034F6206
UniRef90_D4AQG8
UniRef90_W9S647
UniRef90_Q97BH0
UniRef90_T0MT20
UniRef90_L2GLF3
UniRef90_C4QMH8
UniRef90_N1Q2M8
UniRef90_T0N5G7
UniRef90_V4U3Q3
UniRef90_UPI0002C2E799
UniRef90_W7AMZ5
UniRef90_T0XTK2
UniRef90_C6LV80
UniRef90_R0MM81
UniRef90_A9BK44
UniRef90_L1JI86
UniRef90_UPI00042B18DD
UniRef90_M1VF13
UniRef90_I0YRT6
UniRef90_H2ND42
UniRef90_G7EAA7
UniRef90_V4JXC5
UniRef90_L0AUI6
UniRef90_B0EGJ8
UniRef90_J7G2I7
UniRef90_B7FYY8
UniRef90_Q6L0Q1
UniRef90_D8M0H0
UniRef90_UPI0002C3ECAE
UniRef90_U9UU94
UniRef90_K0KQZ0
UniRef90_N1QJ26
UniRef90_W1P388
UniRef90_S7XSV0
UniRef90_A0A022QWG8
UniRef90_K4C4L5
UniRef90_B1L6K6
UniRef90_E0S896
UniRef90_I1NI41
UniRef90_I3EKM2
UniRef90_M4E4T7


1
10
20
30
40
UniRef90_J8ZT02
UniRef90_T1CM06
UniRef90_T0MPL9
UniRef90_S8E130
UniRef90_C4VAF6
UniRef90_H3F7L0
UniRef90_W7TB21
UniRef90_S8C8J8
UniRef90_L0A8S8
UniRef90_M7WL79
UniRef90_K3ZXD8
UniRef90_X1DNH8
UniRef90_UPI00026CE5C0
UniRef90_V4MHQ8
UniRef90_D0AA03
UniRef90_I1PSM8
UniRef90_Q9YFJ0
UniRef90_N1Q6U1
UniRef90_A0A022QWH2
UniRef90_A0A024FWG5
UniRef90_C5KMQ5
UniRef90_C4JIG8
UniRef90_B9HUM8
UniRef90_T5A1X7
UniRef90_I1BS57
UniRef90_UPI000361D236
UniRef90_J4D7A9
UniRef90_I7LWR0
UniRef90_Q8LE42
UniRef90_J3Q0J5
UniRef90_F8WDS5
UniRef90_S4RTU4
UniRef90_UPI000372173F
UniRef90_Q4UE47
UniRef90_UPI00034423AF
UniRef90_M7C153
UniRef90_Q4D3Y0
UniRef90_X1BRR4
UniRef90_G0U8V7
UniRef90_V6LT78
UniRef90_Q98S95
UniRef90_G0U8J9
UniRef90_A2G225
UniRef90_M5XZJ6
UniRef90_A7E8S7
UniRef90_I6UMU5
UniRef90_A7ANP4
UniRef90_F2HHJ7
UniRef90_K1PF51
UniRef90_B6AHV6
UniRef90_I7LWZ3
UniRef90_D0A9K8
UniRef90_UPI0000D86737
UniRef90_A0CNJ0
UniRef90_UPI00042B4087
UniRef90_D8RQL4
UniRef90_G0V2I2
UniRef90_E6RC25
UniRef90_A0A059LJA3
UniRef90_W6KZY6
UniRef90_G0V2T8
UniRef90_Q8SRD3
UniRef90_E9BNN7
UniRef90_J9G0N3
UniRef90_E0S8K0
UniRef90_S9UBY9
UniRef90_UPI0002C3F2CD
UniRef90_I0A0C6
UniRef90_B0EGZ9
UniRef90_T0ZLE8
UniRef90_K7V237
UniRef90_E9PKH3
UniRef90_S7W6I3
UniRef90_U2YX77
UniRef90_W6L4W6
UniRef90_G0QMU0
UniRef90_E3T5K8
UniRef90_X1KNU5
UniRef90_M1CN03
UniRef90_U5G3Z1
UniRef90_J5R0A3
UniRef90_E9AMV8
UniRef90_V6LM75
UniRef90_W9QJA8
UniRef90_F6HTY0
UniRef90_V4RZM2
UniRef90_J9D264
UniRef90_Q5UQW1
UniRef90_S9VET4


50
60
70
UniRef90_J8ZT02
UniRef90_T1CM06
UniRef90_T0MPL9
UniRef90_S8E130
UniRef90_C4VAF6
UniRef90_H3F7L0
UniRef90_W7TB21
UniRef90_S8C8J8
UniRef90_L0A8S8
UniRef90_M7WL79
UniRef90_K3ZXD8
UniRef90_X1DNH8
UniRef90_UPI00026CE5C0
UniRef90_V4MHQ8
UniRef90_D0AA03
UniRef90_I1PSM8
UniRef90_Q9YFJ0
UniRef90_N1Q6U1
UniRef90_A0A022QWH2
UniRef90_A0A024FWG5
UniRef90_C5KMQ5
UniRef90_C4JIG8
UniRef90_B9HUM8
UniRef90_T5A1X7
UniRef90_I1BS57
UniRef90_UPI000361D236
UniRef90_J4D7A9
UniRef90_I7LWR0
UniRef90_Q8LE42
UniRef90_J3Q0J5
UniRef90_F8WDS5
UniRef90_S4RTU4
UniRef90_UPI000372173F
UniRef90_Q4UE47
UniRef90_UPI00034423AF
UniRef90_M7C153
UniRef90_Q4D3Y0
UniRef90_X1BRR4
UniRef90_G0U8V7
UniRef90_V6LT78
UniRef90_Q98S95
UniRef90_G0U8J9
UniRef90_A2G225
UniRef90_M5XZJ6
UniRef90_A7E8S7
UniRef90_I6UMU5
UniRef90_A7ANP4
UniRef90_F2HHJ7
UniRef90_K1PF51
UniRef90_B6AHV6
UniRef90_I7LWZ3
UniRef90_D0A9K8
UniRef90_UPI0000D86737
UniRef90_A0CNJ0
UniRef90_UPI00042B4087
UniRef90_D8RQL4
UniRef90_G0V2I2
UniRef90_E6RC25
UniRef90_A0A059LJA3
UniRef90_W6KZY6
UniRef90_G0V2T8
UniRef90_Q8SRD3
UniRef90_E9BNN7
UniRef90_J9G0N3
UniRef90_E0S8K0
UniRef90_S9UBY9
UniRef90_UPI0002C3F2CD
UniRef90_I0A0C6
UniRef90_B0EGZ9
UniRef90_T0ZLE8
UniRef90_K7V237
UniRef90_E9PKH3
UniRef90_S7W6I3
UniRef90_U2YX77
UniRef90_W6L4W6
UniRef90_G0QMU0
UniRef90_E3T5K8
UniRef90_X1KNU5
UniRef90_M1CN03
UniRef90_U5G3Z1
UniRef90_J5R0A3
UniRef90_E9AMV8
UniRef90_V6LM75
UniRef90_W9QJA8
UniRef90_F6HTY0
UniRef90_V4RZM2
UniRef90_J9D264
UniRef90_Q5UQW1
UniRef90_S9VET4


1
10
20
30
40
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm
9 8 3 8 8 9 8 8 8 8 9 9 9 7 1 5 7 8 8 6 2 1 7 8 9 9 9 9 9 9 9 9 9 8 7 5 1 3 3 7 7
B B B


50
60
70
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm
7 6 0 6 8 9 8 8 7 3 1 1 6 7 7 7 2 5 8 7 2 5 8 8 8 0 5 8 9 9 9 8 8 8 9 8 8 0 8
B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B