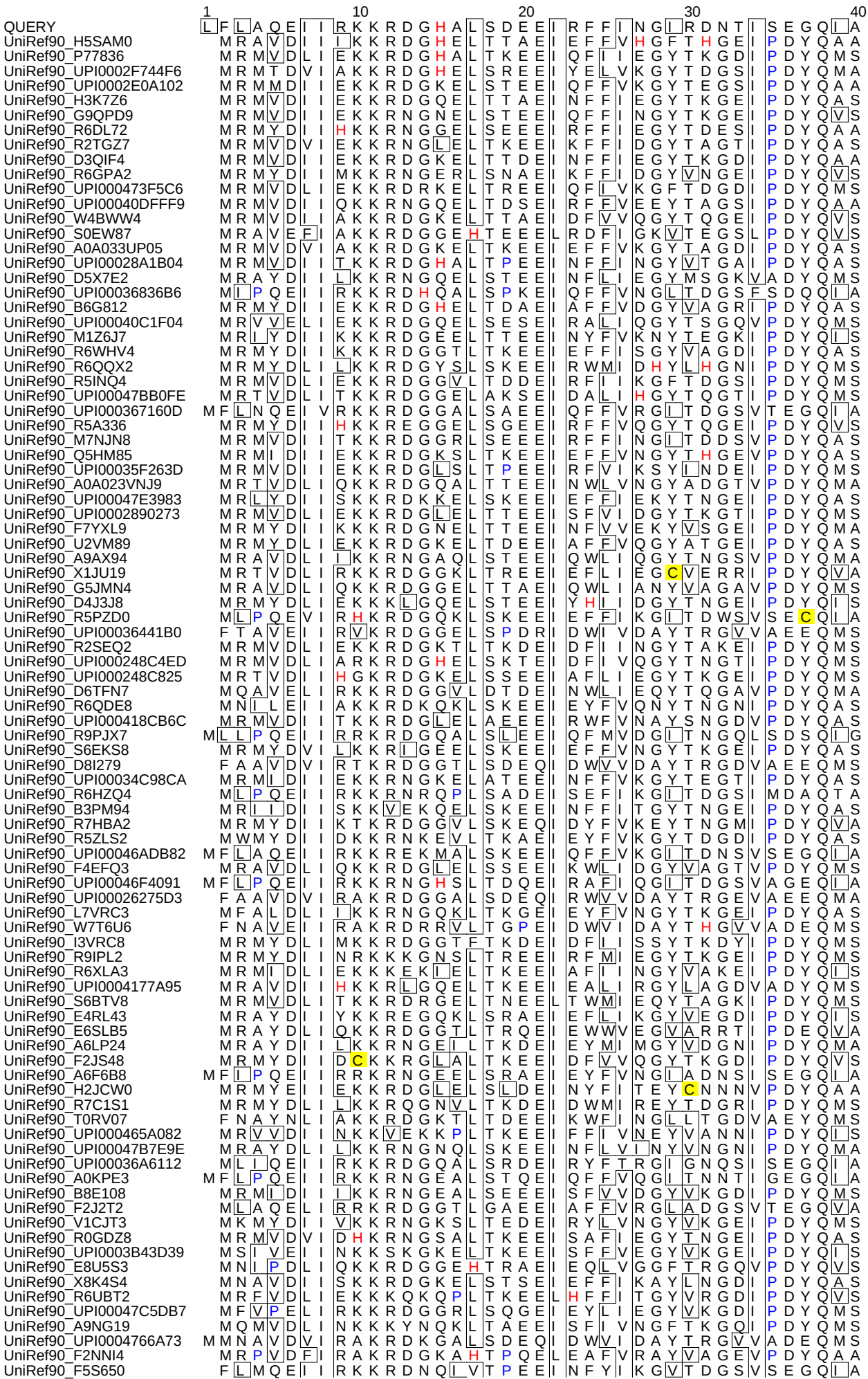
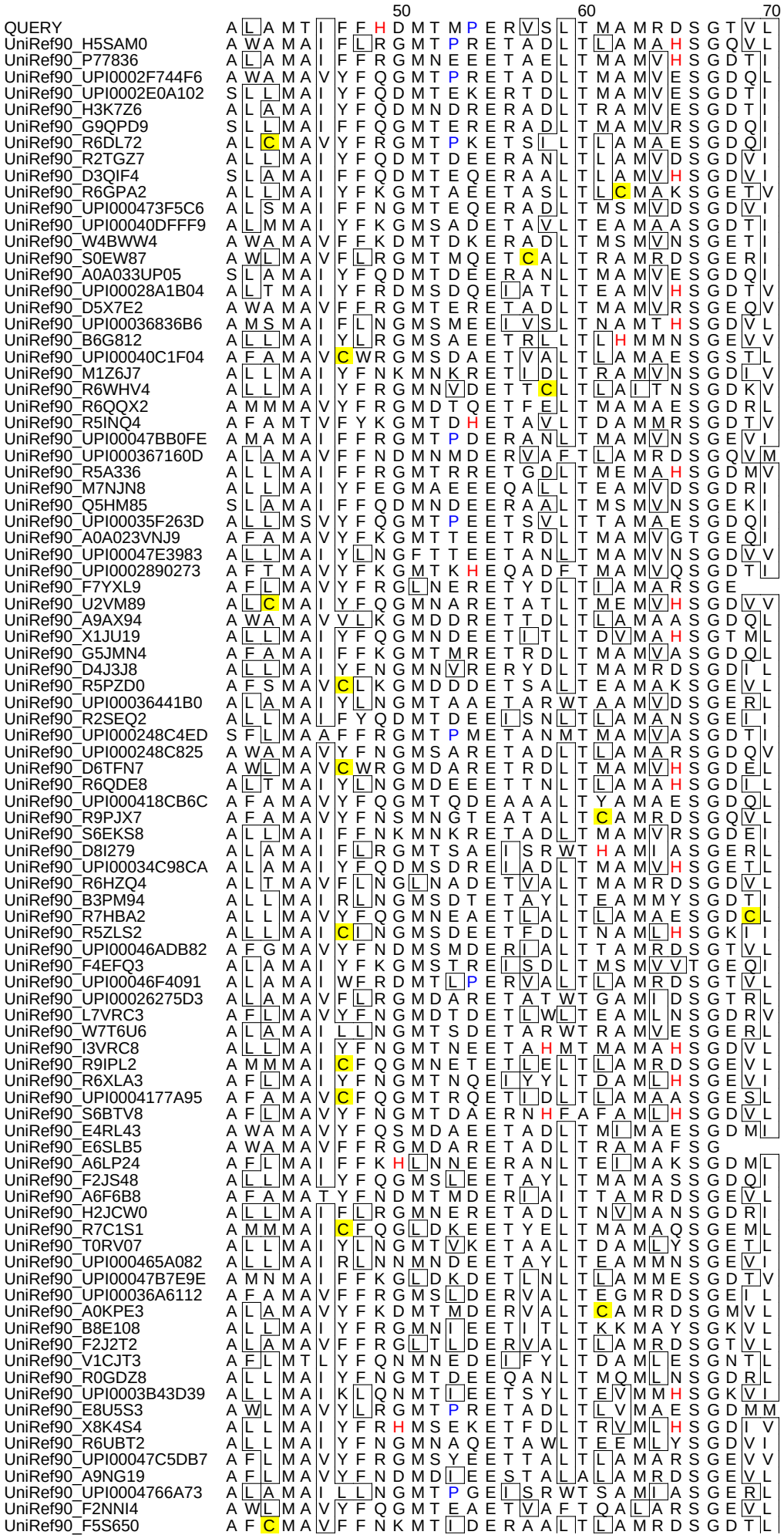
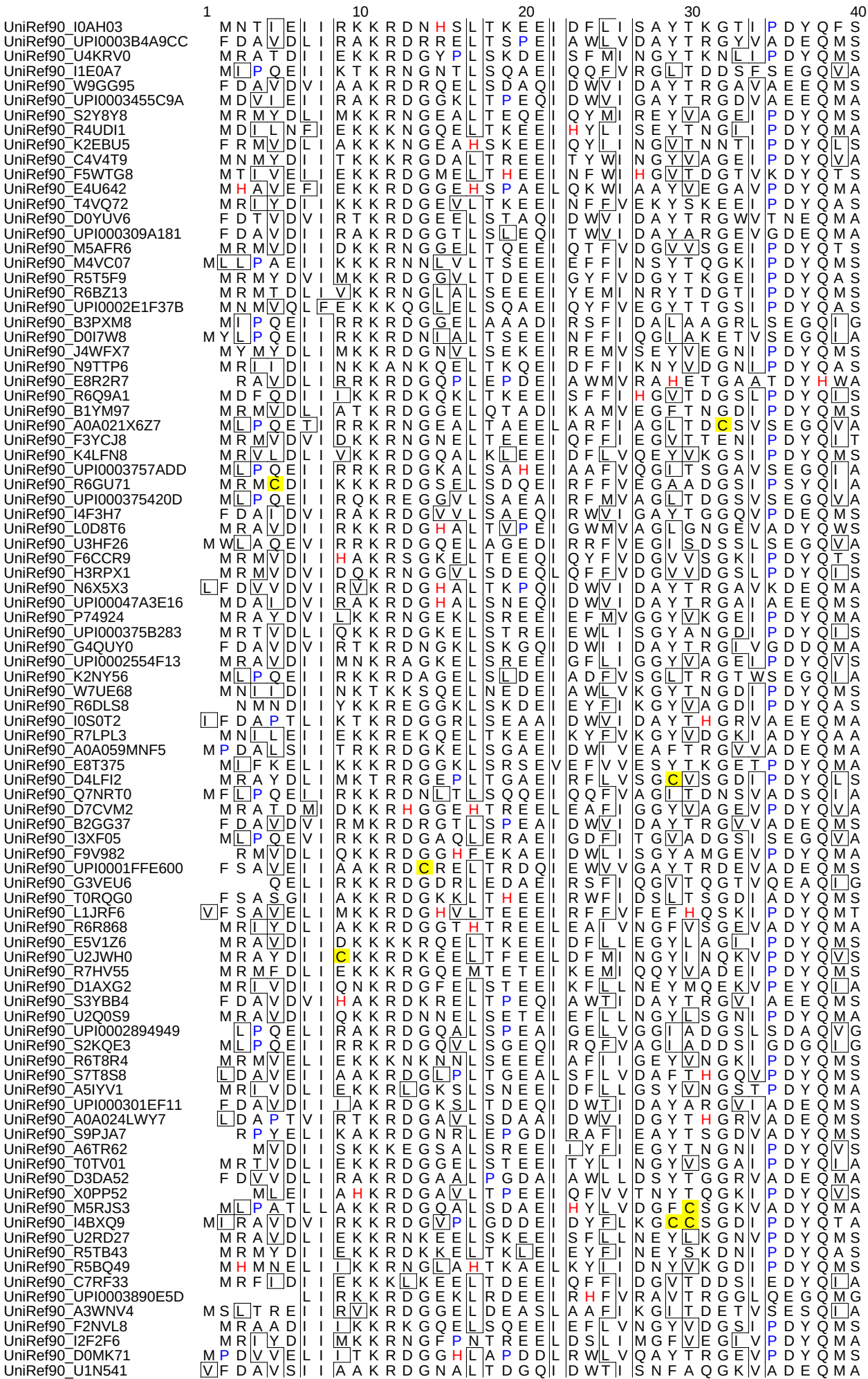
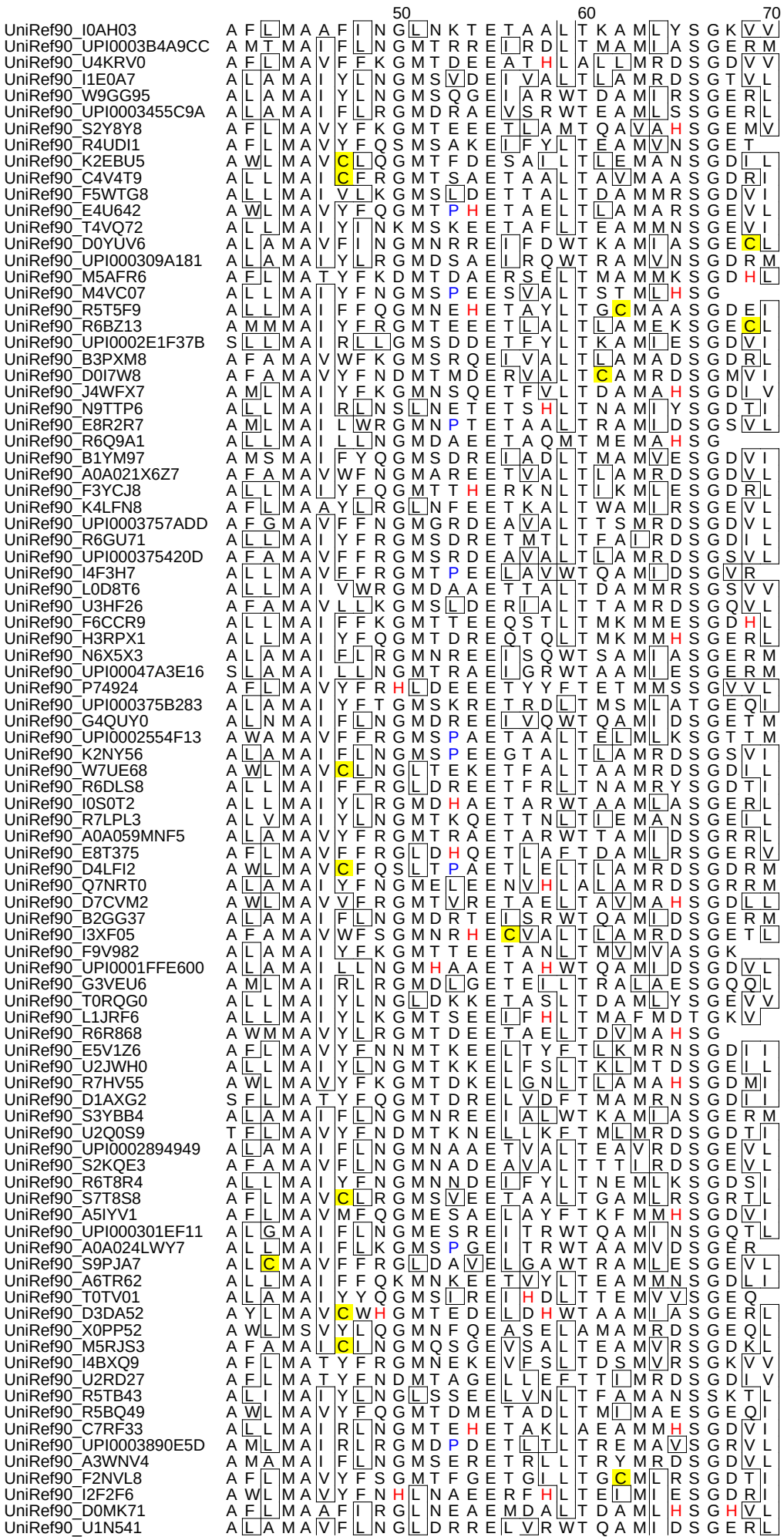
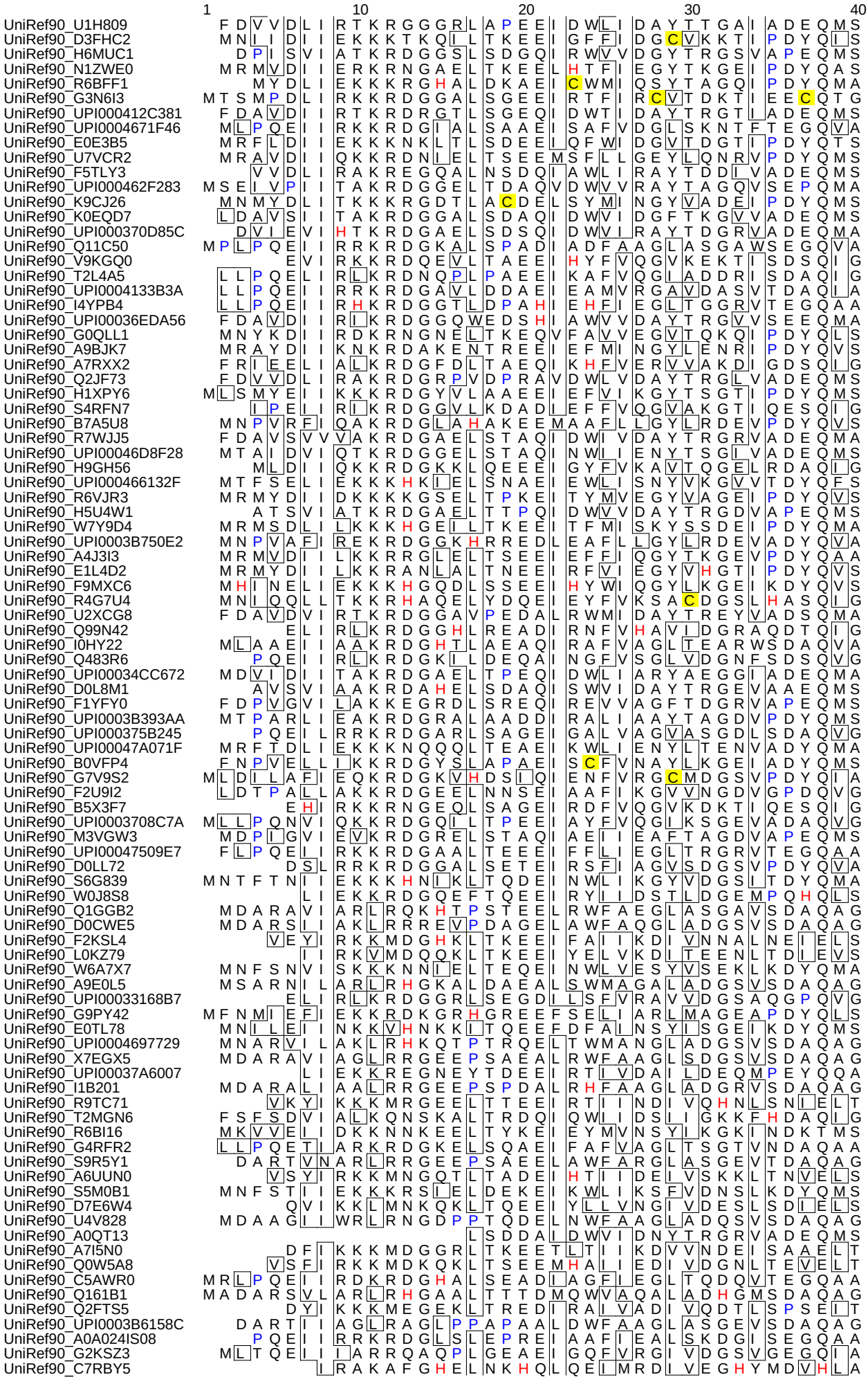
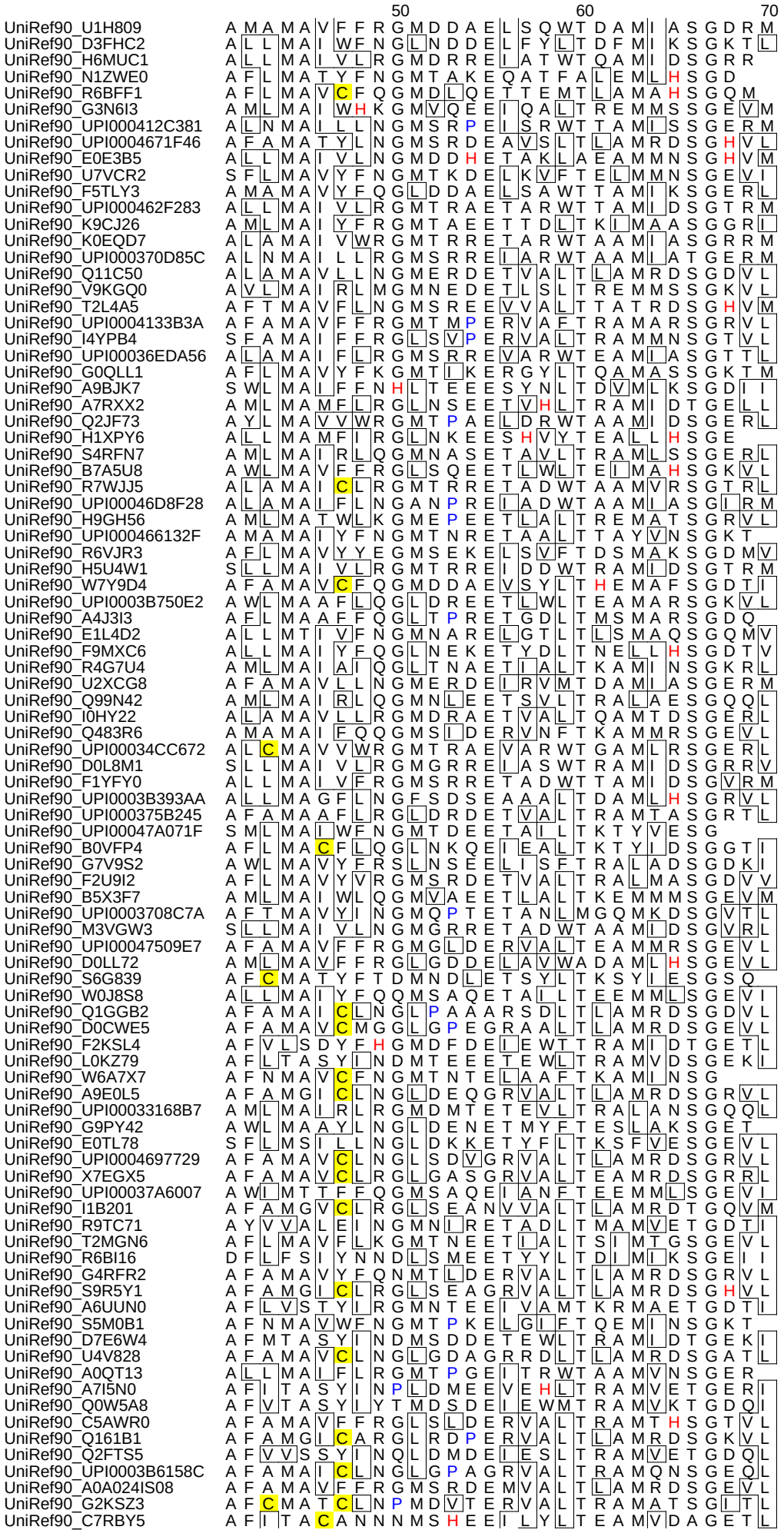

1
10
20
30
40
QUERY
UniRef90_H5SAM0
UniRef90_P77836
UniRef90_UPI0002F744F6
UniRef90_UPI0002E0A102
UniRef90_H3K7Z6
UniRef90_G9QPD9
UniRef90_R6DL72
UniRef90_R2TGZ7
UniRef90_D3QIF4
UniRef90_R6GPA2
UniRef90_UPI000473F5C6
UniRef90_UPI00040DFFF9
UniRef90_W4BWW4
UniRef90_S0EW87
UniRef90_A0A033UP05
UniRef90_UPI00028A1B04
UniRef90_D5X7E2
UniRef90_UPI00036836B6
UniRef90_B6G812
UniRef90_UPI00040C1F04
UniRef90_M1Z6J7
UniRef90_R6WHV4
UniRef90_R6QQX2
UniRef90_R5INQ4
UniRef90_UPI00047BB0FE
UniRef90_UPI000367160D
UniRef90_R5A336
UniRef90_M7NJN8
UniRef90_Q5HM85
UniRef90_UPI00035F263D
UniRef90_A0A023VNJ9
UniRef90_UPI00047E3983
UniRef90_UPI0002890273
UniRef90_F7YXL9
UniRef90_U2VM89
UniRef90_A9AX94
UniRef90_X1JU19
UniRef90_G5JMN4
UniRef90_D4J3J8
UniRef90_R5PZD0
UniRef90_UPI00036441B0
UniRef90_R2SEQ2
UniRef90_UPI000248C4ED
UniRef90_UPI000248C825
UniRef90_D6TFN7
UniRef90_R6QDE8
UniRef90_UPI000418CB6C
UniRef90_R9PJX7
UniRef90_S6EKS8
UniRef90_D8I279
UniRef90_UPI00034C98CA
UniRef90_R6HZQ4
UniRef90_B3PM94
UniRef90_R7HBA2
UniRef90_R5ZLS2
UniRef90_UPI00046ADB82
UniRef90_F4EFQ3
UniRef90_UPI00046F4091
UniRef90_UPI00026275D3
UniRef90_L7VRC3
UniRef90_W7T6U6
UniRef90_I3VRC8
UniRef90_R9IPL2
UniRef90_R6XLA3
UniRef90_UPI0004177A95
UniRef90_S6BTV8
UniRef90_E4RL43
UniRef90_E6SLB5
UniRef90_A6LP24
UniRef90_F2JS48
UniRef90_A6F6B8
UniRef90_H2JCW0
UniRef90_R7C1S1
UniRef90_T0RV07
UniRef90_UPI000465A082
UniRef90_UPI00047B7E9E
UniRef90_UPI00036A6112
UniRef90_A0KPE3
UniRef90_B8E108
UniRef90_F2J2T2
UniRef90_V1CJT3
UniRef90_R0GDZ8
UniRef90_UPI0003B43D39
UniRef90_E8U5S3
UniRef90_X8K4S4
UniRef90_R6UBT2
UniRef90_UPI00047C5DB7
UniRef90_A9NG19
UniRef90_UPI0004766A73
UniRef90_F2NNI4
UniRef90_F5S650

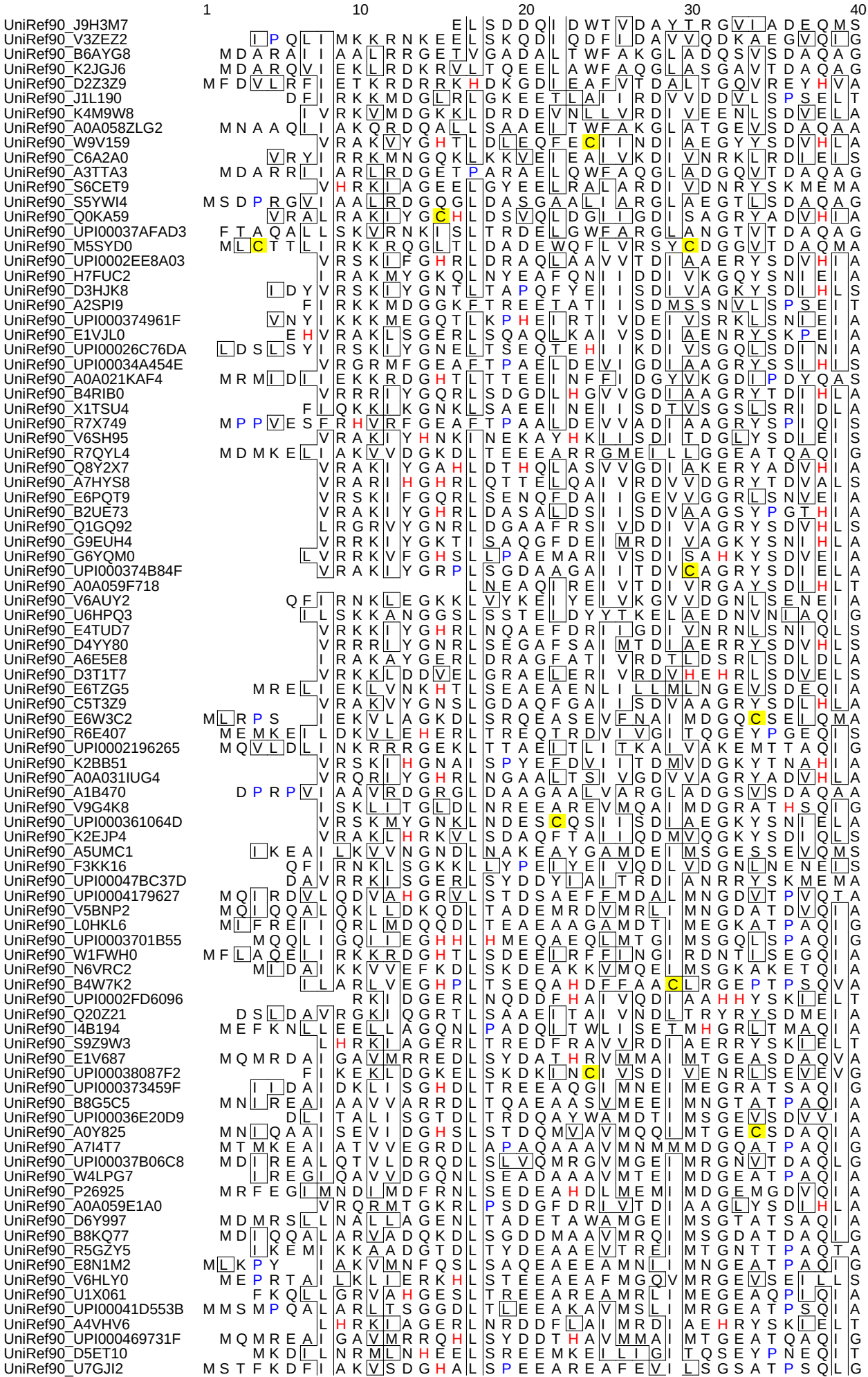

50
60
70
QUERY
UniRef90_H5SAM0
UniRef90_P77836
UniRef90_UPI0002F744F6
UniRef90_UPI0002E0A102
UniRef90_H3K7Z6
UniRef90_G9QPD9
UniRef90_R6DL72
UniRef90_R2TGZ7
UniRef90_D3QIF4
UniRef90_R6GPA2
UniRef90_UPI000473F5C6
UniRef90_UPI00040DFFF9
UniRef90_W4BWW4
UniRef90_S0EW87
UniRef90_A0A033UP05
UniRef90_UPI00028A1B04
UniRef90_D5X7E2
UniRef90_UPI00036836B6
UniRef90_B6G812
UniRef90_UPI00040C1F04
UniRef90_M1Z6J7
UniRef90_R6WHV4
UniRef90_R6QQX2
UniRef90_R5INQ4
UniRef90_UPI00047BB0FE
UniRef90_UPI000367160D
UniRef90_R5A336
UniRef90_M7NJN8
UniRef90_Q5HM85
UniRef90_UPI00035F263D
UniRef90_A0A023VNJ9
UniRef90_UPI00047E3983
UniRef90_UPI0002890273
UniRef90_F7YXL9
UniRef90_U2VM89
UniRef90_A9AX94
UniRef90_X1JU19
UniRef90_G5JMN4
UniRef90_D4J3J8
UniRef90_R5PZD0
UniRef90_UPI00036441B0
UniRef90_R2SEQ2
UniRef90_UPI000248C4ED
UniRef90_UPI000248C825
UniRef90_D6TFN7
UniRef90_R6QDE8
UniRef90_UPI000418CB6C
UniRef90_R9PJX7
UniRef90_S6EKS8
UniRef90_D8I279
UniRef90_UPI00034C98CA
UniRef90_R6HZQ4
UniRef90_B3PM94
UniRef90_R7HBA2
UniRef90_R5ZLS2
UniRef90_UPI00046ADB82
UniRef90_F4EFQ3
UniRef90_UPI00046F4091
UniRef90_UPI00026275D3
UniRef90_L7VRC3
UniRef90_W7T6U6
UniRef90_I3VRC8
UniRef90_R9IPL2
UniRef90_R6XLA3
UniRef90_UPI0004177A95
UniRef90_S6BTV8
UniRef90_E4RL43
UniRef90_E6SLB5
UniRef90_A6LP24
UniRef90_F2JS48
UniRef90_A6F6B8
UniRef90_H2JCW0
UniRef90_R7C1S1
UniRef90_T0RV07
UniRef90_UPI000465A082
UniRef90_UPI00047B7E9E
UniRef90_UPI00036A6112
UniRef90_A0KPE3
UniRef90_B8E108
UniRef90_F2J2T2
UniRef90_V1CJT3
UniRef90_R0GDZ8
UniRef90_UPI0003B43D39
UniRef90_E8U5S3
UniRef90_X8K4S4
UniRef90_R6UBT2
UniRef90_UPI00047C5DB7
UniRef90_A9NG19
UniRef90_UPI0004766A73
UniRef90_F2NNI4
UniRef90_F5S650

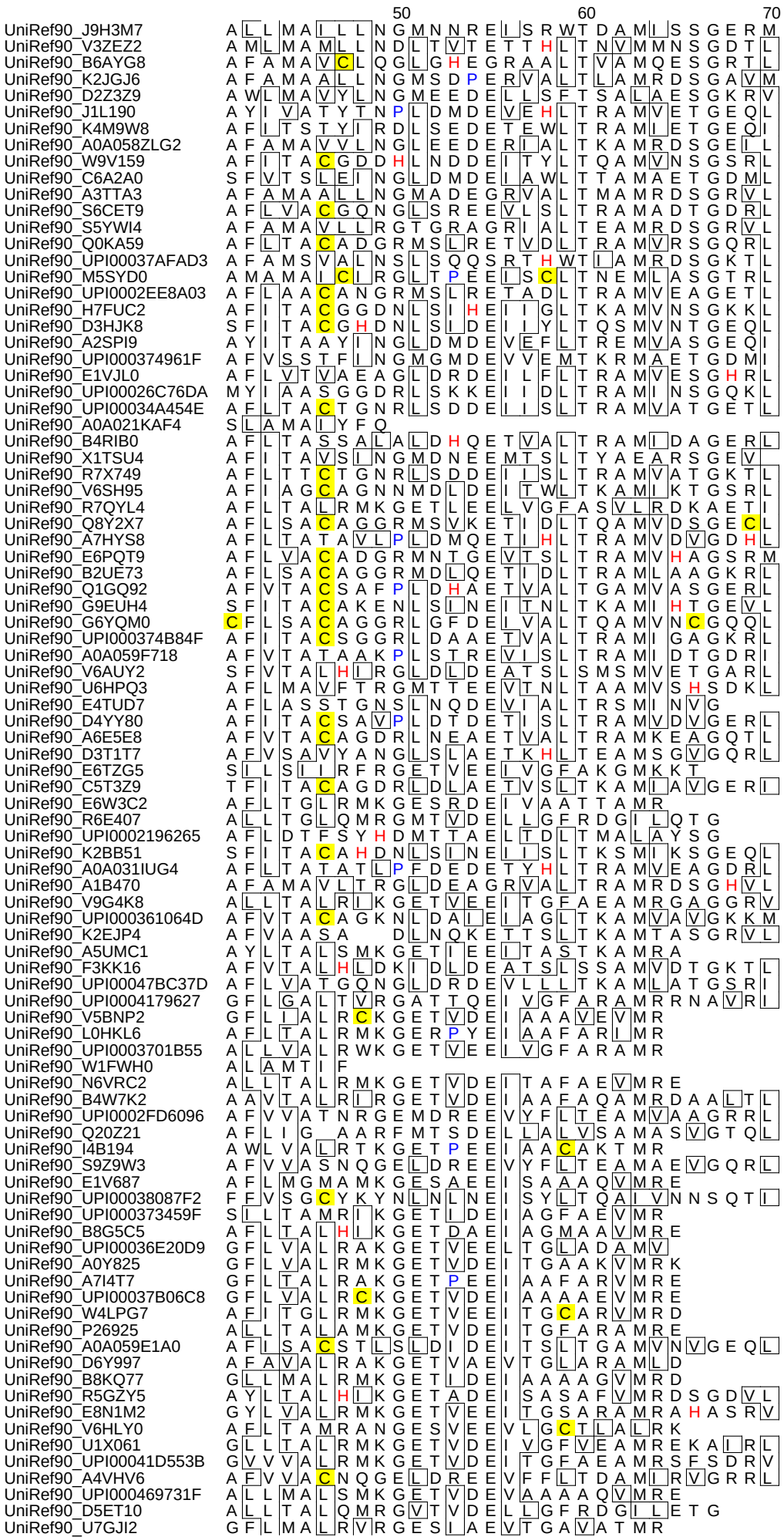

1
10
20
30
40
UniRef90_I0AH03
UniRef90_UPI0003B4A9CC
UniRef90_U4KRV0
UniRef90_I1E0A7
UniRef90_W9GG95
UniRef90_UPI0003455C9A
UniRef90_S2Y8Y8
UniRef90_R4UDI1
UniRef90_K2EBU5
UniRef90_C4V4T9
UniRef90_F5WTG8
UniRef90_E4U642
UniRef90_T4VQ72
UniRef90_D0YUV6
UniRef90_UPI000309A181
UniRef90_M5AFR6
UniRef90_M4VC07
UniRef90_R5T5F9
UniRef90_R6BZ13
UniRef90_UPI0002E1F37B
UniRef90_B3PXM8
UniRef90_D0I7W8
UniRef90_J4WFX7
UniRef90_N9TTP6
UniRef90_E8R2R7
UniRef90_R6Q9A1
UniRef90_B1YM97
UniRef90_A0A021X6Z7
UniRef90_F3YCJ8
UniRef90_K4LFN8
UniRef90_UPI0003757ADD
UniRef90_R6GU71
UniRef90_UPI000375420D
UniRef90_I4F3H7
UniRef90_L0D8T6
UniRef90_U3HF26
UniRef90_F6CCR9
UniRef90_H3RPX1
UniRef90_N6X5X3
UniRef90_UPI00047A3E16
UniRef90_P74924
UniRef90_UPI000375B283
UniRef90_G4QUY0
UniRef90_UPI0002554F13
UniRef90_K2NY56
UniRef90_W7UE68
UniRef90_R6DLS8
UniRef90_I0S0T2
UniRef90_R7LPL3
UniRef90_A0A059MNF5
UniRef90_E8T375
UniRef90_D4LFI2
UniRef90_Q7NRT0
UniRef90_D7CVM2
UniRef90_B2GG37
UniRef90_I3XF05
UniRef90_F9V982
UniRef90_UPI0001FFE600
UniRef90_G3VEU6
UniRef90_T0RQG0
UniRef90_L1JRF6
UniRef90_R6R868
UniRef90_E5V1Z6
UniRef90_U2JWH0
UniRef90_R7HV55
UniRef90_D1AXG2
UniRef90_S3YBB4
UniRef90_U2Q0S9
UniRef90_UPI0002894949
UniRef90_S2KQE3
UniRef90_R6T8R4
UniRef90_S7T8S8
UniRef90_A5IYV1
UniRef90_UPI000301EF11
UniRef90_A0A024LWY7
UniRef90_S9PJA7
UniRef90_A6TR62
UniRef90_T0TV01
UniRef90_D3DA52
UniRef90_X0PP52
UniRef90_M5RJS3
UniRef90_I4BXQ9
UniRef90_U2RD27
UniRef90_R5TB43
UniRef90_R5BQ49
UniRef90_C7RF33
UniRef90_UPI0003890E5D
UniRef90_A3WNV4
UniRef90_F2NVL8
UniRef90_I2F2F6
UniRef90_D0MK71
UniRef90_U1N541

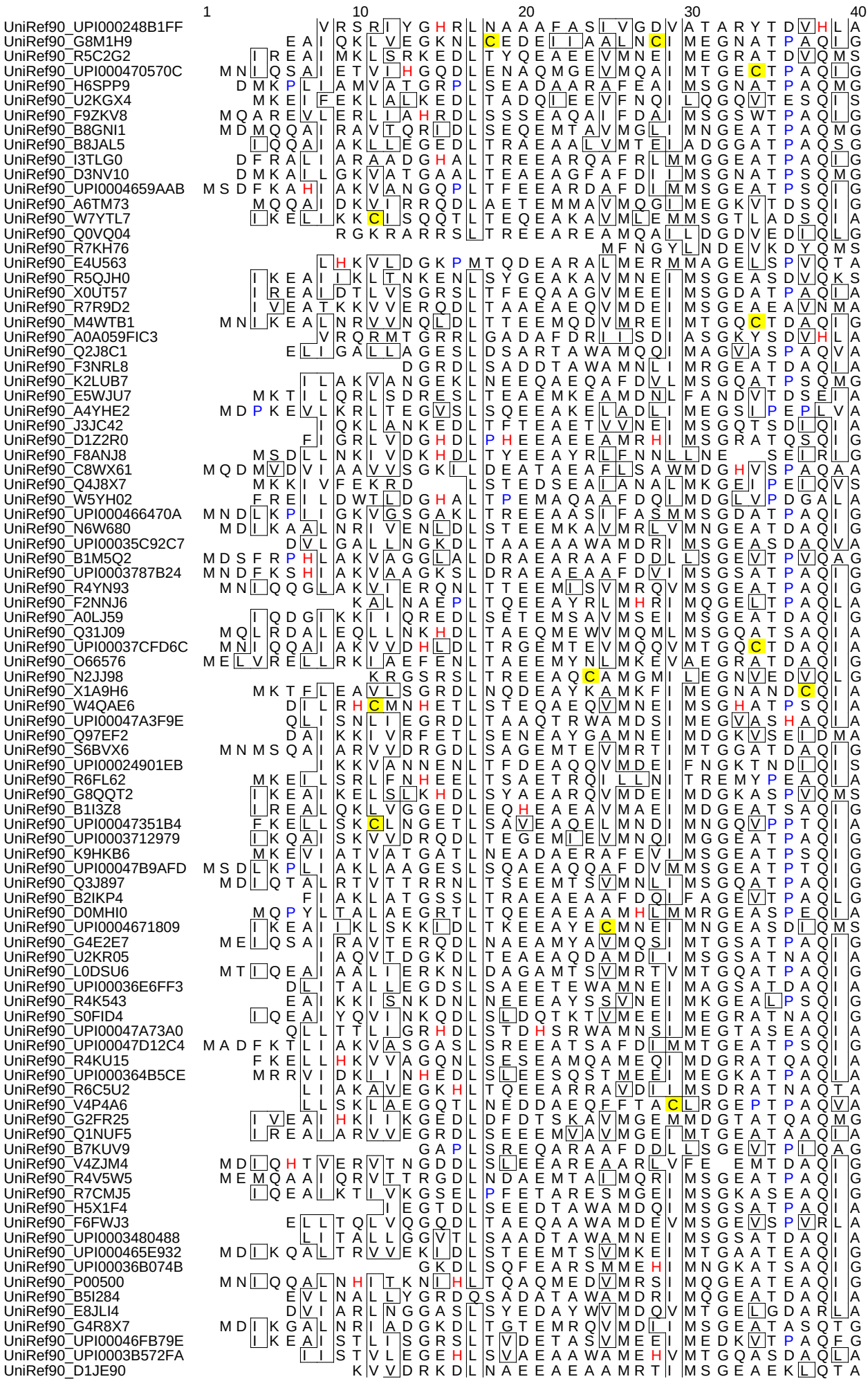

50
60
70
UniRef90_I0AH03
UniRef90_UPI0003B4A9CC
UniRef90_U4KRV0
UniRef90_I1E0A7
UniRef90_W9GG95
UniRef90_UPI0003455C9A
UniRef90_S2Y8Y8
UniRef90_R4UDI1
UniRef90_K2EBU5
UniRef90_C4V4T9
UniRef90_F5WTG8
UniRef90_E4U642
UniRef90_T4VQ72
UniRef90_D0YUV6
UniRef90_UPI000309A181
UniRef90_M5AFR6
UniRef90_M4VC07
UniRef90_R5T5F9
UniRef90_R6BZ13
UniRef90_UPI0002E1F37B
UniRef90_B3PXM8
UniRef90_D0I7W8
UniRef90_J4WFX7
UniRef90_N9TTP6
UniRef90_E8R2R7
UniRef90_R6Q9A1
UniRef90_B1YM97
UniRef90_A0A021X6Z7
UniRef90_F3YCJ8
UniRef90_K4LFN8
UniRef90_UPI0003757ADD
UniRef90_R6GU71
UniRef90_UPI000375420D
UniRef90_I4F3H7
UniRef90_L0D8T6
UniRef90_U3HF26
UniRef90_F6CCR9
UniRef90_H3RPX1
UniRef90_N6X5X3
UniRef90_UPI00047A3E16
UniRef90_P74924
UniRef90_UPI000375B283
UniRef90_G4QUY0
UniRef90_UPI0002554F13
UniRef90_K2NY56
UniRef90_W7UE68
UniRef90_R6DLS8
UniRef90_I0S0T2
UniRef90_R7LPL3
UniRef90_A0A059MNF5
UniRef90_E8T375
UniRef90_D4LFI2
UniRef90_Q7NRT0
UniRef90_D7CVM2
UniRef90_B2GG37
UniRef90_I3XF05
UniRef90_F9V982
UniRef90_UPI0001FFE600
UniRef90_G3VEU6
UniRef90_T0RQG0
UniRef90_L1JRF6
UniRef90_R6R868
UniRef90_E5V1Z6
UniRef90_U2JWH0
UniRef90_R7HV55
UniRef90_D1AXG2
UniRef90_S3YBB4
UniRef90_U2Q0S9
UniRef90_UPI0002894949
UniRef90_S2KQE3
UniRef90_R6T8R4
UniRef90_S7T8S8
UniRef90_A5IYV1
UniRef90_UPI000301EF11
UniRef90_A0A024LWY7
UniRef90_S9PJA7
UniRef90_A6TR62
UniRef90_T0TV01
UniRef90_D3DA52
UniRef90_X0PP52
UniRef90_M5RJS3
UniRef90_I4BXQ9
UniRef90_U2RD27
UniRef90_R5TB43
UniRef90_R5BQ49
UniRef90_C7RF33
UniRef90_UPI0003890E5D
UniRef90_A3WNV4
UniRef90_F2NVL8
UniRef90_I2F2F6
UniRef90_D0MK71
UniRef90_U1N541


1
10
20
30
40
UniRef90_U1H809
UniRef90_D3FHC2
UniRef90_H6MUC1
UniRef90_N1ZWE0
UniRef90_R6BFF1
UniRef90_G3N6I3
UniRef90_UPI000412C381
UniRef90_UPI0004671F46
UniRef90_E0E3B5
UniRef90_U7VCR2
UniRef90_F5TLY3
UniRef90_UPI000462F283
UniRef90_K9CJ26
UniRef90_K0EQD7
UniRef90_UPI000370D85C
UniRef90_Q11C50
UniRef90_V9KGQ0
UniRef90_T2L4A5
UniRef90_UPI0004133B3A
UniRef90_I4YPB4
UniRef90_UPI00036EDA56
UniRef90_G0QLL1
UniRef90_A9BJK7
UniRef90_A7RXX2
UniRef90_Q2JF73
UniRef90_H1XPY6
UniRef90_S4RFN7
UniRef90_B7A5U8
UniRef90_R7WJJ5
UniRef90_UPI00046D8F28
UniRef90_H9GH56
UniRef90_UPI000466132F
UniRef90_R6VJR3
UniRef90_H5U4W1
UniRef90_W7Y9D4
UniRef90_UPI0003B750E2
UniRef90_A4J3I3
UniRef90_E1L4D2
UniRef90_F9MXC6
UniRef90_R4G7U4
UniRef90_U2XCG8
UniRef90_Q99N42
UniRef90_I0HY22
UniRef90_Q483R6
UniRef90_UPI00034CC672
UniRef90_D0L8M1
UniRef90_F1YFY0
UniRef90_UPI0003B393AA
UniRef90_UPI000375B245
UniRef90_UPI00047A071F
UniRef90_B0VFP4
UniRef90_G7V9S2
UniRef90_F2U9I2
UniRef90_B5X3F7
UniRef90_UPI0003708C7A
UniRef90_M3VGW3
UniRef90_UPI00047509E7
UniRef90_D0LL72
UniRef90_S6G839
UniRef90_W0J8S8
UniRef90_Q1GGB2
UniRef90_D0CWE5
UniRef90_F2KSL4
UniRef90_L0KZ79
UniRef90_W6A7X7
UniRef90_A9E0L5
UniRef90_UPI00033168B7
UniRef90_G9PY42
UniRef90_E0TL78
UniRef90_UPI0004697729
UniRef90_X7EGX5
UniRef90_UPI00037A6007
UniRef90_I1B201
UniRef90_R9TC71
UniRef90_T2MGN6
UniRef90_R6BI16
UniRef90_G4RFR2
UniRef90_S9R5Y1
UniRef90_A6UUN0
UniRef90_S5M0B1
UniRef90_D7E6W4
UniRef90_U4V828
UniRef90_A0QT13
UniRef90_A7I5N0
UniRef90_Q0W5A8
UniRef90_C5AWR0
UniRef90_Q161B1
UniRef90_Q2FTS5
UniRef90_UPI0003B6158C
UniRef90_A0A024IS08
UniRef90_G2KSZ3
UniRef90_C7RBY5

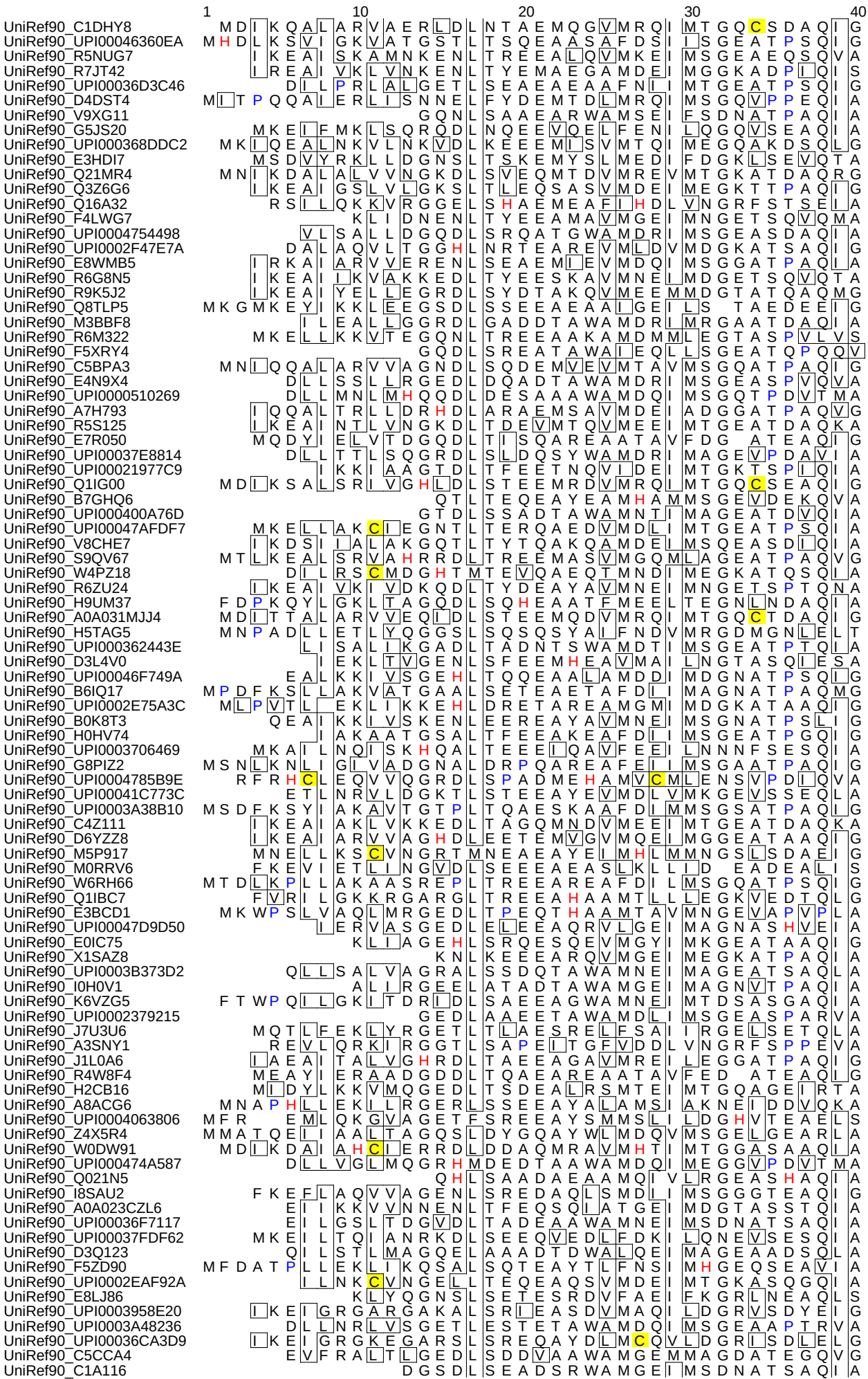

50
60
70
UniRef90_U1H809
UniRef90_D3FHC2
UniRef90_H6MUC1
UniRef90_N1ZWE0
UniRef90_R6BFF1
UniRef90_G3N6I3
UniRef90_UPI000412C381
UniRef90_UPI0004671F46
UniRef90_E0E3B5
UniRef90_U7VCR2
UniRef90_F5TLY3
UniRef90_UPI000462F283
UniRef90_K9CJ26
UniRef90_K0EQD7
UniRef90_UPI000370D85C
UniRef90_Q11C50
UniRef90_V9KGQ0
UniRef90_T2L4A5
UniRef90_UPI0004133B3A
UniRef90_I4YPB4
UniRef90_UPI00036EDA56
UniRef90_G0QLL1
UniRef90_A9BJK7
UniRef90_A7RXX2
UniRef90_Q2JF73
UniRef90_H1XPY6
UniRef90_S4RFN7
UniRef90_B7A5U8
UniRef90_R7WJJ5
UniRef90_UPI00046D8F28
UniRef90_H9GH56
UniRef90_UPI000466132F
UniRef90_R6VJR3
UniRef90_H5U4W1
UniRef90_W7Y9D4
UniRef90_UPI0003B750E2
UniRef90_A4J3I3
UniRef90_E1L4D2
UniRef90_F9MXC6
UniRef90_R4G7U4
UniRef90_U2XCG8
UniRef90_Q99N42
UniRef90_I0HY22
UniRef90_Q483R6
UniRef90_UPI00034CC672
UniRef90_D0L8M1
UniRef90_F1YFY0
UniRef90_UPI0003B393AA
UniRef90_UPI000375B245
UniRef90_UPI00047A071F
UniRef90_B0VFP4
UniRef90_G7V9S2
UniRef90_F2U9I2
UniRef90_B5X3F7
UniRef90_UPI0003708C7A
UniRef90_M3VGW3
UniRef90_UPI00047509E7
UniRef90_D0LL72
UniRef90_S6G839
UniRef90_W0J8S8
UniRef90_Q1GGB2
UniRef90_D0CWE5
UniRef90_F2KSL4
UniRef90_L0KZ79
UniRef90_W6A7X7
UniRef90_A9E0L5
UniRef90_UPI00033168B7
UniRef90_G9PY42
UniRef90_E0TL78
UniRef90_UPI0004697729
UniRef90_X7EGX5
UniRef90_UPI00037A6007
UniRef90_I1B201
UniRef90_R9TC71
UniRef90_T2MGN6
UniRef90_R6BI16
UniRef90_G4RFR2
UniRef90_S9R5Y1
UniRef90_A6UUN0
UniRef90_S5M0B1
UniRef90_D7E6W4
UniRef90_U4V828
UniRef90_A0QT13
UniRef90_A7I5N0
UniRef90_Q0W5A8
UniRef90_C5AWR0
UniRef90_Q161B1
UniRef90_Q2FTS5
UniRef90_UPI0003B6158C
UniRef90_A0A024IS08
UniRef90_G2KSZ3
UniRef90_C7RBY5

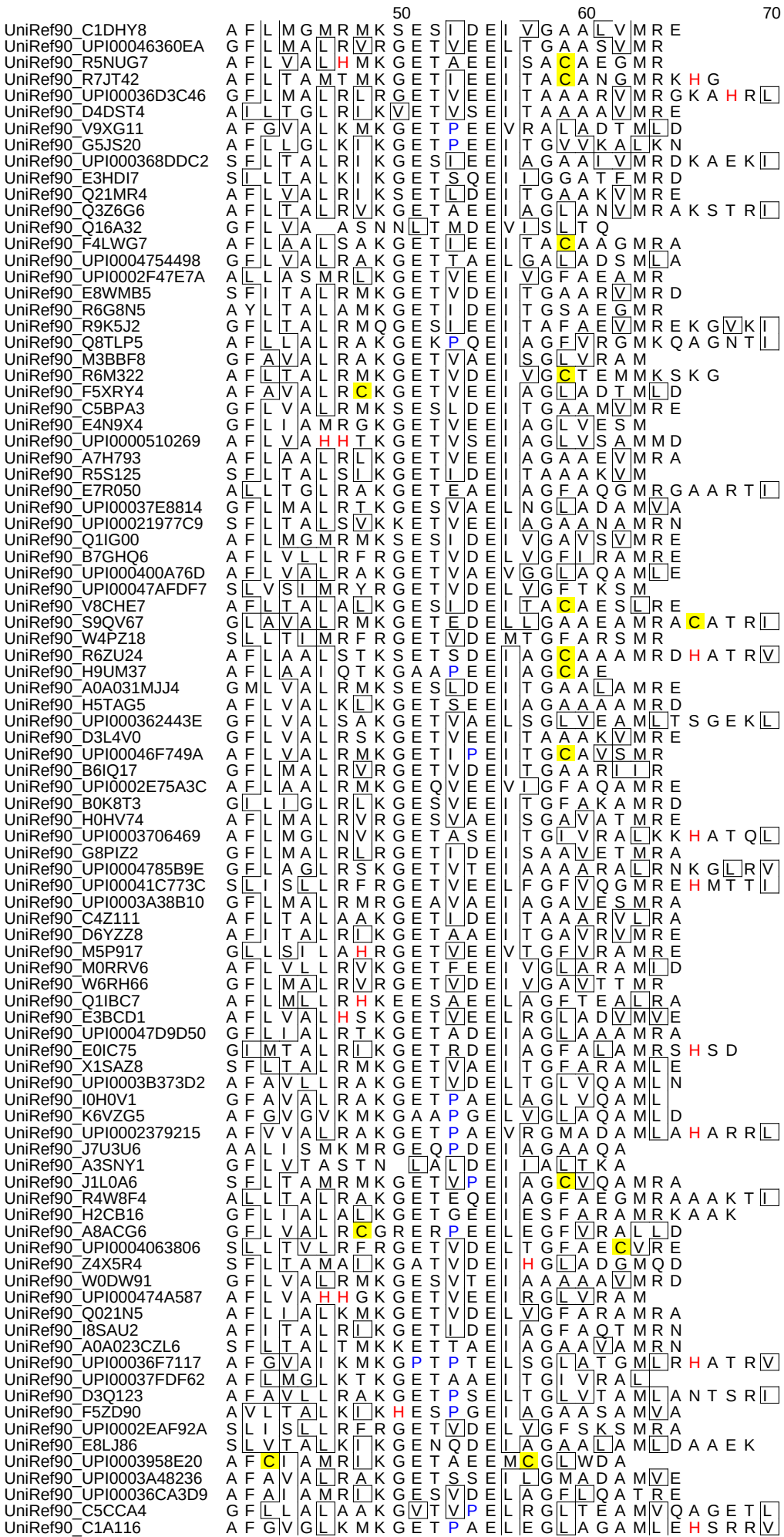

1
10
20
30
40
UniRef90_J9H3M7
UniRef90_V3ZEZ2
UniRef90_B6AYG8
UniRef90_K2JGJ6
UniRef90_D2Z3Z9
UniRef90_J1L190
UniRef90_K4M9W8
UniRef90_A0A058ZLG2
UniRef90_W9V159
UniRef90_C6A2A0
UniRef90_A3TTA3
UniRef90_S6CET9
UniRef90_S5YWI4
UniRef90_Q0KA59
UniRef90_UPI00037AFAD3
UniRef90_M5SYD0
UniRef90_UPI0002EE8A03
UniRef90_H7FUC2
UniRef90_D3HJK8
UniRef90_A2SPI9
UniRef90_UPI000374961F
UniRef90_E1VJL0
UniRef90_UPI00026C76DA
UniRef90_UPI00034A454E
UniRef90_A0A021KAF4
UniRef90_B4RIB0
UniRef90_X1TSU4
UniRef90_R7X749
UniRef90_V6SH95
UniRef90_R7QYL4
UniRef90_Q8Y2X7
UniRef90_A7HYS8
UniRef90_E6PQT9
UniRef90_B2UE73
UniRef90_Q1GQ92
UniRef90_G9EUH4
UniRef90_G6YQM0
UniRef90_UPI000374B84F
UniRef90_A0A059F718
UniRef90_V6AUY2
UniRef90_U6HPQ3
UniRef90_E4TUD7
UniRef90_D4YY80
UniRef90_A6E5E8
UniRef90_D3T1T7
UniRef90_E6TZG5
UniRef90_C5T3Z9
UniRef90_E6W3C2
UniRef90_R6E407
UniRef90_UPI0002196265
UniRef90_K2BB51
UniRef90_A0A031IUG4
UniRef90_A1B470
UniRef90_V9G4K8
UniRef90_UPI000361064D
UniRef90_K2EJP4
UniRef90_A5UMC1
UniRef90_F3KK16
UniRef90_UPI00047BC37D
UniRef90_UPI0004179627
UniRef90_V5BNP2
UniRef90_L0HKL6
UniRef90_UPI0003701B55
UniRef90_W1FWH0
UniRef90_N6VRC2
UniRef90_B4W7K2
UniRef90_UPI0002FD6096
UniRef90_Q20Z21
UniRef90_I4B194
UniRef90_S9Z9W3
UniRef90_E1V687
UniRef90_UPI00038087F2
UniRef90_UPI000373459F
UniRef90_B8G5C5
UniRef90_UPI00036E20D9
UniRef90_A0Y825
UniRef90_A7I4T7
UniRef90_UPI00037B06C8
UniRef90_W4LPG7
UniRef90_P26925
UniRef90_A0A059E1A0
UniRef90_D6Y997
UniRef90_B8KQ77
UniRef90_R5GZY5
UniRef90_E8N1M2
UniRef90_V6HLY0
UniRef90_U1X061
UniRef90_UPI00041D553B
UniRef90_A4VHV6
UniRef90_UPI000469731F
UniRef90_D5ET10
UniRef90_U7GJI2

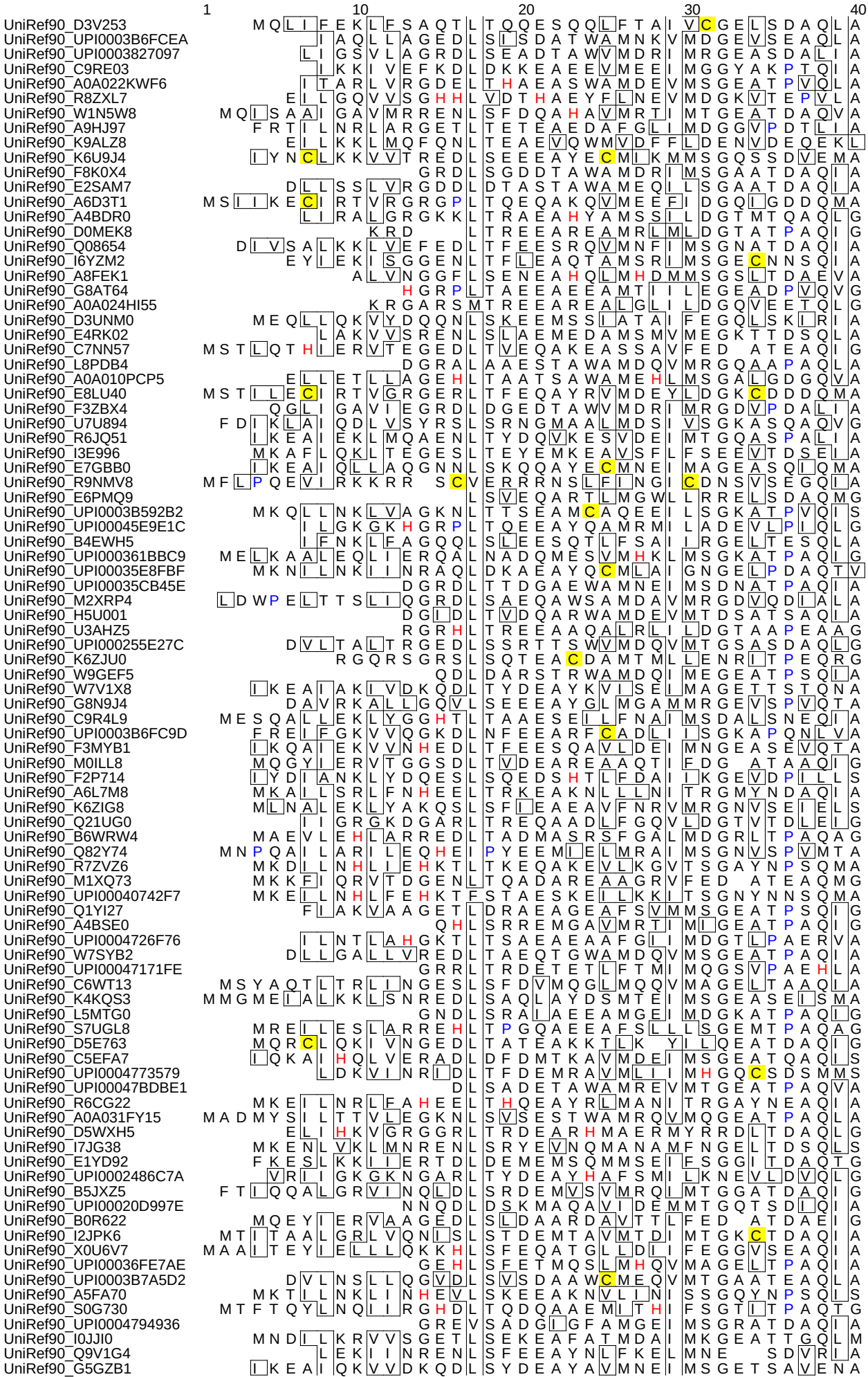

50
60
70
UniRef90_J9H3M7
UniRef90_V3ZEZ2
UniRef90_B6AYG8
UniRef90_K2JGJ6
UniRef90_D2Z3Z9
UniRef90_J1L190
UniRef90_K4M9W8
UniRef90_A0A058ZLG2
UniRef90_W9V159
UniRef90_C6A2A0
UniRef90_A3TTA3
UniRef90_S6CET9
UniRef90_S5YWI4
UniRef90_Q0KA59
UniRef90_UPI00037AFAD3
UniRef90_M5SYD0
UniRef90_UPI0002EE8A03
UniRef90_H7FUC2
UniRef90_D3HJK8
UniRef90_A2SPI9
UniRef90_UPI000374961F
UniRef90_E1VJL0
UniRef90_UPI00026C76DA
UniRef90_UPI00034A454E
UniRef90_A0A021KAF4
UniRef90_B4RIB0
UniRef90_X1TSU4
UniRef90_R7X749
UniRef90_V6SH95
UniRef90_R7QYL4
UniRef90_Q8Y2X7
UniRef90_A7HYS8
UniRef90_E6PQT9
UniRef90_B2UE73
UniRef90_Q1GQ92
UniRef90_G9EUH4
UniRef90_G6YQM0
UniRef90_UPI000374B84F
UniRef90_A0A059F718
UniRef90_V6AUY2
UniRef90_U6HPQ3
UniRef90_E4TUD7
UniRef90_D4YY80
UniRef90_A6E5E8
UniRef90_D3T1T7
UniRef90_E6TZG5
UniRef90_C5T3Z9
UniRef90_E6W3C2
UniRef90_R6E407
UniRef90_UPI0002196265
UniRef90_K2BB51
UniRef90_A0A031IUG4
UniRef90_A1B470
UniRef90_V9G4K8
UniRef90_UPI000361064D
UniRef90_K2EJP4
UniRef90_A5UMC1
UniRef90_F3KK16
UniRef90_UPI00047BC37D
UniRef90_UPI0004179627
UniRef90_V5BNP2
UniRef90_L0HKL6
UniRef90_UPI0003701B55
UniRef90_W1FWH0
UniRef90_N6VRC2
UniRef90_B4W7K2
UniRef90_UPI0002FD6096
UniRef90_Q20Z21
UniRef90_I4B194
UniRef90_S9Z9W3
UniRef90_E1V687
UniRef90_UPI00038087F2
UniRef90_UPI000373459F
UniRef90_B8G5C5
UniRef90_UPI00036E20D9
UniRef90_A0Y825
UniRef90_A7I4T7
UniRef90_UPI00037B06C8
UniRef90_W4LPG7
UniRef90_P26925
UniRef90_A0A059E1A0
UniRef90_D6Y997
UniRef90_B8KQ77
UniRef90_R5GZY5
UniRef90_E8N1M2
UniRef90_V6HLY0
UniRef90_U1X061
UniRef90_UPI00041D553B
UniRef90_A4VHV6
UniRef90_UPI000469731F
UniRef90_D5ET10
UniRef90_U7GJI2

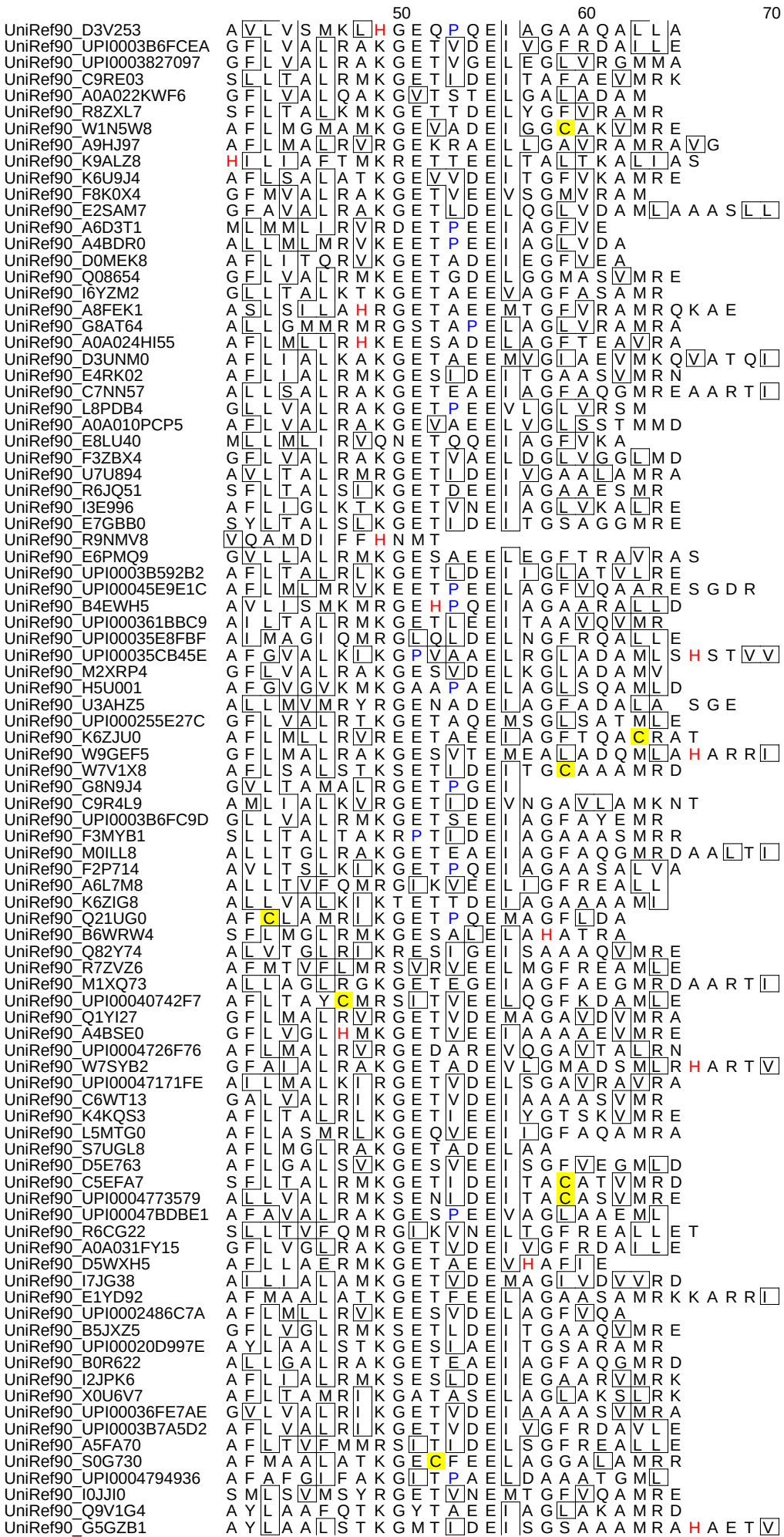

1
10
20
30
40
UniRef90_UPI000248B1FF
UniRef90_G8M1H9
UniRef90_R5C2G2
UniRef90_UPI000470570C
UniRef90_H6SPP9
UniRef90_U2KGX4
UniRef90_F9ZKV8
UniRef90_B8GNI1
UniRef90_B8JAL5
UniRef90_I3TLG0
UniRef90_D3NV10
UniRef90_UPI0004659AAB
UniRef90_A6TM73
UniRef90_W7YTL7
UniRef90_Q0VQ04
UniRef90_R7KH76
UniRef90_E4U563
UniRef90_R5QJH0
UniRef90_X0UT57
UniRef90_R7R9D2
UniRef90_M4WTB1
UniRef90_A0A059FIC3
UniRef90_Q2J8C1
UniRef90_F3NRL8
UniRef90_K2LUB7
UniRef90_E5WJU7
UniRef90_A4YHE2
UniRef90_J3JC42
UniRef90_D1Z2R0
UniRef90_F8ANJ8
UniRef90_C8WX61
UniRef90_Q4J8X7
UniRef90_W5YH02
UniRef90_UPI000466470A
UniRef90_N6W680
UniRef90_UPI00035C92C7
UniRef90_B1M5Q2
UniRef90_UPI0003787B24
UniRef90_R4YN93
UniRef90_F2NNJ6
UniRef90_A0LJ59
UniRef90_Q31J09
UniRef90_UPI00037CFD6C
UniRef90_O66576
UniRef90_N2JJ98
UniRef90_X1A9H6
UniRef90_W4QAE6
UniRef90_UPI00047A3F9E
UniRef90_Q97EF2
UniRef90_S6BVX6
UniRef90_UPI00024901EB
UniRef90_R6FL62
UniRef90_G8QQT2
UniRef90_B1I3Z8
UniRef90_UPI00047351B4
UniRef90_UPI0003712979
UniRef90_K9HKB6
UniRef90_UPI00047B9AFD
UniRef90_Q3J897
UniRef90_B2IKP4
UniRef90_D0MHI0
UniRef90_UPI0004671809
UniRef90_G4E2E7
UniRef90_U2KR05
UniRef90_L0DSU6
UniRef90_UPI00036E6FF3
UniRef90_R4K543
UniRef90_S0FID4
UniRef90_UPI00047A73A0
UniRef90_UPI00047D12C4
UniRef90_R4KU15
UniRef90_UPI000364B5CE
UniRef90_R6C5U2
UniRef90_V4P4A6
UniRef90_G2FR25
UniRef90_Q1NUF5
UniRef90_B7KUV9
UniRef90_V4ZJM4
UniRef90_R4V5W5
UniRef90_R7CMJ5
UniRef90_H5X1F4
UniRef90_F6FWJ3
UniRef90_UPI0003480488
UniRef90_UPI000465E932
UniRef90_UPI00036B074B
UniRef90_P00500
UniRef90_B5I284
UniRef90_E8JLI4
UniRef90_G4R8X7
UniRef90_UPI00046FB79E
UniRef90_UPI0003B572FA
UniRef90_D1JE90

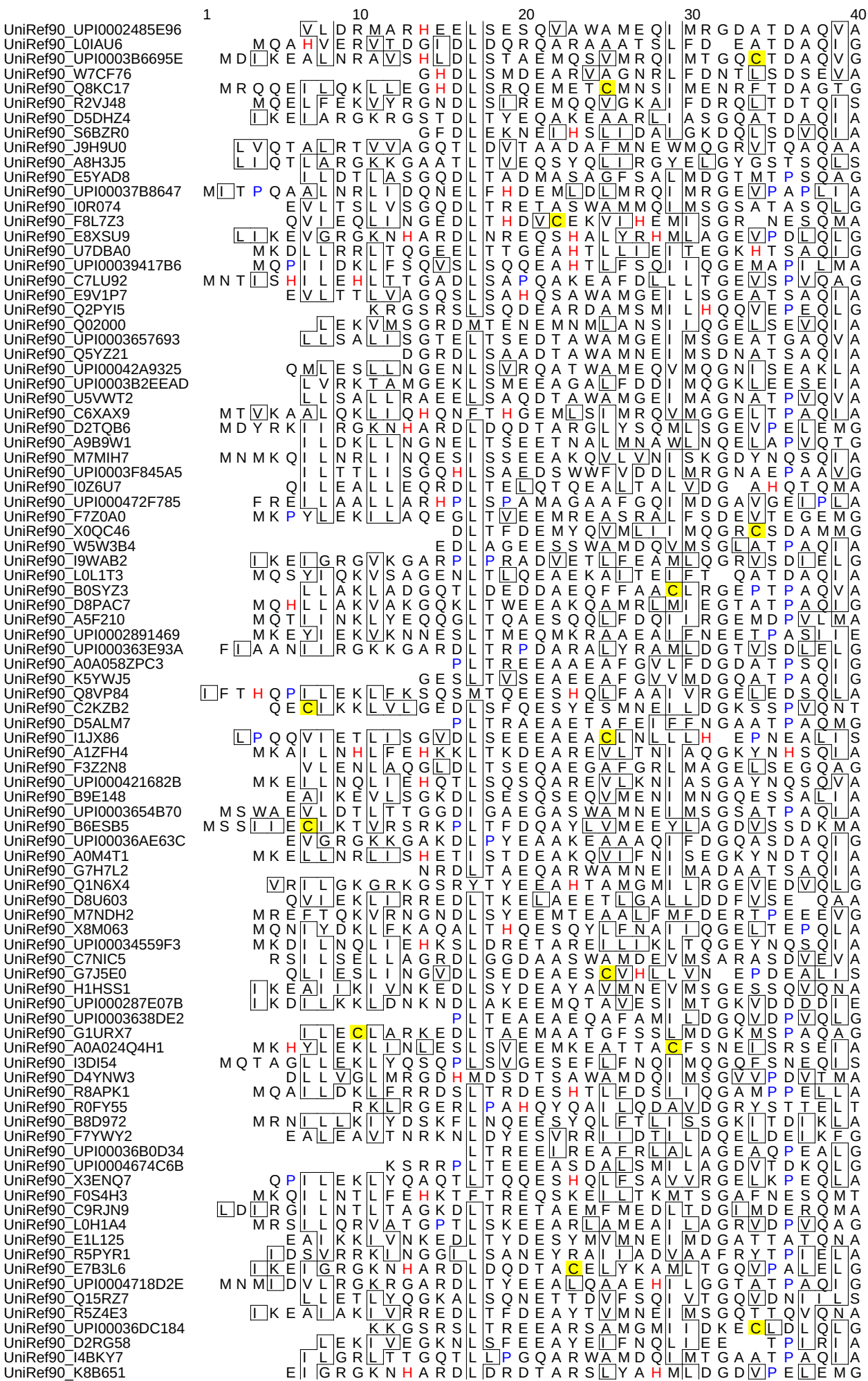
50
60
70
UniRef90_UPI000248B1FF
UniRef90_G8M1H9
UniRef90_R5C2G2
UniRef90_UPI000470570C
UniRef90_H6SPP9
UniRef90_U2KGX4
UniRef90_F9ZKV8
UniRef90_B8GNI1
UniRef90_B8JAL5
UniRef90_I3TLG0
UniRef90_D3NV10
UniRef90_UPI0004659AAB
UniRef90_A6TM73
UniRef90_W7YTL7
UniRef90_Q0VQ04
UniRef90_R7KH76
UniRef90_E4U563
UniRef90_R5QJH0
UniRef90_X0UT57
UniRef90_R7R9D2
UniRef90_M4WTB1
UniRef90_A0A059FIC3
UniRef90_Q2J8C1
UniRef90_F3NRL8
UniRef90_K2LUB7
UniRef90_E5WJU7
UniRef90_A4YHE2
UniRef90_J3JC42
UniRef90_D1Z2R0
UniRef90_F8ANJ8
UniRef90_C8WX61
UniRef90_Q4J8X7
UniRef90_W5YH02
UniRef90_UPI000466470A
UniRef90_N6W680
UniRef90_UPI00035C92C7
UniRef90_B1M5Q2
UniRef90_UPI0003787B24
UniRef90_R4YN93
UniRef90_F2NNJ6
UniRef90_A0LJ59
UniRef90_Q31J09
UniRef90_UPI00037CFD6C
UniRef90_O66576
UniRef90_N2JJ98
UniRef90_X1A9H6
UniRef90_W4QAE6
UniRef90_UPI00047A3F9E
UniRef90_Q97EF2
UniRef90_S6BVX6
UniRef90_UPI00024901EB
UniRef90_R6FL62
UniRef90_G8QQT2
UniRef90_B1I3Z8
UniRef90_UPI00047351B4
UniRef90_UPI0003712979
UniRef90_K9HKB6
UniRef90_UPI00047B9AFD
UniRef90_Q3J897
UniRef90_B2IKP4
UniRef90_D0MHI0
UniRef90_UPI0004671809
UniRef90_G4E2E7
UniRef90_U2KR05
UniRef90_L0DSU6
UniRef90_UPI00036E6FF3
UniRef90_R4K543
UniRef90_S0FID4
UniRef90_UPI00047A73A0
UniRef90_UPI00047D12C4
UniRef90_R4KU15
UniRef90_UPI000364B5CE
UniRef90_R6C5U2
UniRef90_V4P4A6
UniRef90_G2FR25
UniRef90_Q1NUF5
UniRef90_B7KUV9
UniRef90_V4ZJM4
UniRef90_R4V5W5
UniRef90_R7CMJ5
UniRef90_H5X1F4
UniRef90_F6FWJ3
UniRef90_UPI0003480488
UniRef90_UPI000465E932
UniRef90_UPI00036B074B
UniRef90_P00500
UniRef90_B5I284
UniRef90_E8JLI4
UniRef90_G4R8X7
UniRef90_UPI00046FB79E
UniRef90_UPI0003B572FA
UniRef90_D1JE90


1
10
20
30
40
UniRef90_C1DHY8
UniRef90_UPI00046360EA
UniRef90_R5NUG7
UniRef90_R7JT42
UniRef90_UPI00036D3C46
UniRef90_D4DST4
UniRef90_V9XG11
UniRef90_G5JS20
UniRef90_UPI000368DDC2
UniRef90_E3HDI7
UniRef90_Q21MR4
UniRef90_Q3Z6G6
UniRef90_Q16A32
UniRef90_F4LWG7
UniRef90_UPI0004754498
UniRef90_UPI0002F47E7A
UniRef90_E8WMB5
UniRef90_R6G8N5
UniRef90_R9K5J2
UniRef90_Q8TLP5
UniRef90_M3BBF8
UniRef90_R6M322
UniRef90_F5XRY4
UniRef90_C5BPA3
UniRef90_E4N9X4
UniRef90_UPI0000510269
UniRef90_A7H793
UniRef90_R5S125
UniRef90_E7R050
UniRef90_UPI00037E8814
UniRef90_UPI00021977C9
UniRef90_Q1IG00
UniRef90_B7GHQ6
UniRef90_UPI000400A76D
UniRef90_UPI00047AFDF7
UniRef90_V8CHE7
UniRef90_S9QV67
UniRef90_W4PZ18
UniRef90_R6ZU24
UniRef90_H9UM37
UniRef90_A0A031MJJ4
UniRef90_H5TAG5
UniRef90_UPI000362443E
UniRef90_D3L4V0
UniRef90_UPI00046F749A
UniRef90_B6IQ17
UniRef90_UPI0002E75A3C
UniRef90_B0K8T3
UniRef90_H0HV74
UniRef90_UPI0003706469
UniRef90_G8PIZ2
UniRef90_UPI0004785B9E
UniRef90_UPI00041C773C
UniRef90_UPI0003A38B10
UniRef90_C4Z111
UniRef90_D6YZZ8
UniRef90_M5P917
UniRef90_M0RRV6
UniRef90_W6RH66
UniRef90_Q1IBC7
UniRef90_E3BCD1
UniRef90_UPI00047D9D50
UniRef90_E0IC75
UniRef90_X1SAZ8
UniRef90_UPI0003B373D2
UniRef90_I0H0V1
UniRef90_K6VZG5
UniRef90_UPI0002379215
UniRef90_J7U3U6
UniRef90_A3SNY1
UniRef90_J1L0A6
UniRef90_R4W8F4
UniRef90_H2CB16
UniRef90_A8ACG6
UniRef90_UPI0004063806
UniRef90_Z4X5R4
UniRef90_W0DW91
UniRef90_UPI000474A587
UniRef90_Q021N5
UniRef90_I8SAU2
UniRef90_A0A023CZL6
UniRef90_UPI00036F7117
UniRef90_UPI00037FDF62
UniRef90_D3Q123
UniRef90_F5ZD90
UniRef90_UPI0002EAF92A
UniRef90_E8LJ86
UniRef90_UPI0003958E20
UniRef90_UPI0003A48236
UniRef90_UPI00036CA3D9
UniRef90_C5CCA4
UniRef90_C1A116

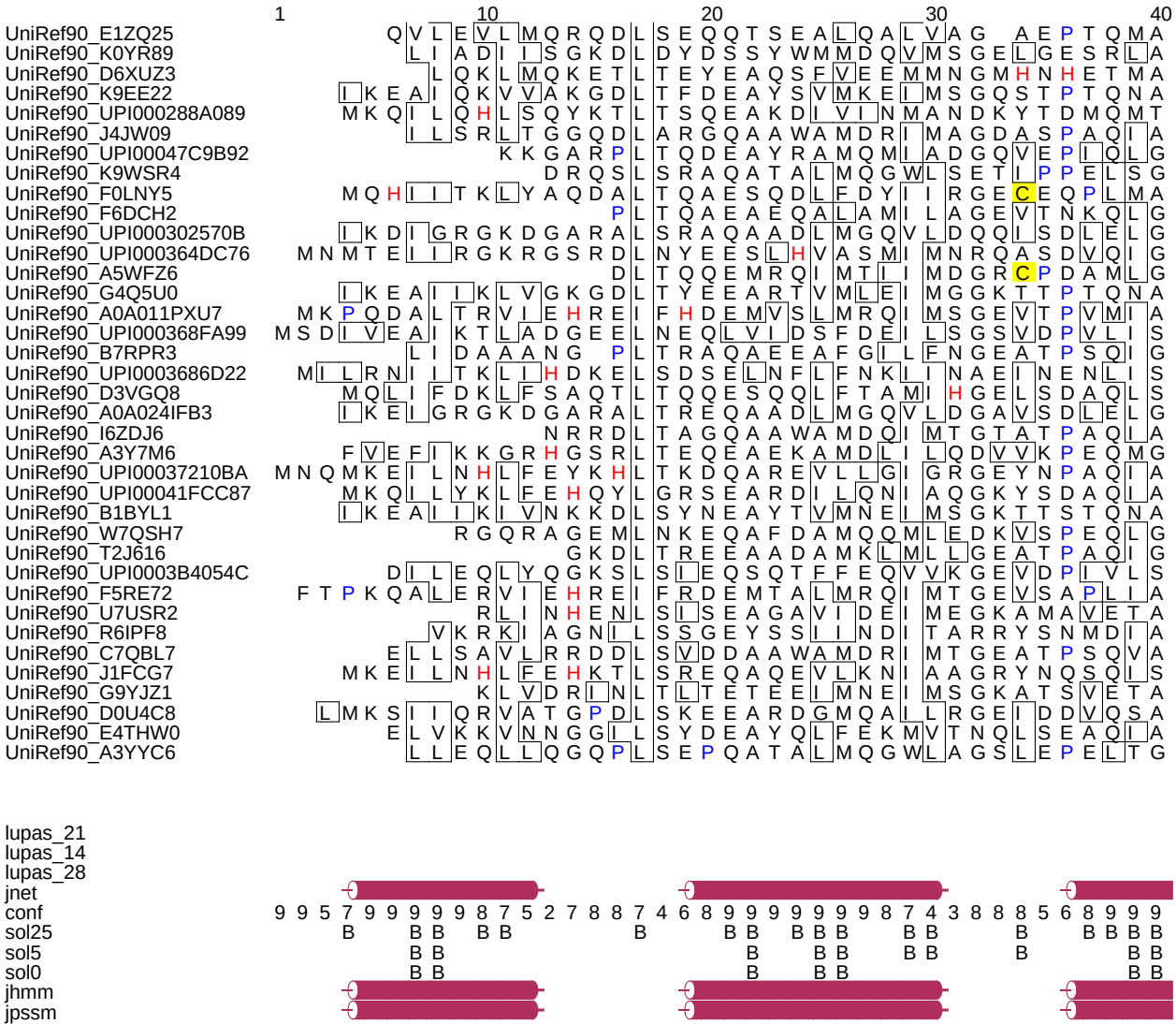

50
60
70
UniRef90_C1DHY8 A F L M G M R M K S E S I D E I V G A A L V M R E
UniRef90_UPI00046360EA G F L M A L R V R G E T V E E L T G A A S V M R
UniRef90_R5NUG7 A F L V A L H M K G E T A E E I S A C A E G M R
UniRef90_R7JT42 A F L T A M T M K G E T I E E I T A C A N G M R K H G
UniRef90_UPI00036D3C46 G F L M A L R L R G E T V E E I T A A A R V M R G K A H R L
UniRef90_D4DST4 A I L T G L R I K V E T V S E I T A A A A V M R E
UniRef90_V9XG11 A F G V A L K M K G E T P E E V R A L A D T M L D
UniRef90_G5JS20 A F L L G L K I K G E T P E E I T G V V K A L K N
UniRef90_UPI000368DDC2 S F L T A L R I K G E S I E E I A G A A I V M R D K A E K I
UniRef90_E3HDI7 S I L T A L K I K G E T S Q E I I G G A T F M R D
UniRef90_Q21MR4 A F L V A L R I K S E T L D E I T G A A K V M R E
UniRef90_Q3Z6G6 A F L T A L R V K G E T A E E I A G L A N V M R A K S T R I
UniRef90_Q16A32 G F L V A A S N N L T M D E V I S L T Q
UniRef90_F4LWG7 A F L A A L S A K G E T I E E I T A C A A G M R A
UniRef90_UPI0004754498 G F L V A L R A K G E T T A E L G A L A D S M L A
UniRef90_UPI0002F47E7A A L L A S M R L K G E T V E E I V G F A E A M R
UniRef90_E8WMB5 S F I T A L R M K G E T V D E I T G A A R V M R D
UniRef90_R6G8N5 A Y L T A L A M K G E T I D E I T G S A E G M R
UniRef90_R9K5J2 G F L T A L R M Q G E S I E E I T A F A E V M R E K G V K I
UniRef90_Q8TLP5 A F L L A L R A K G E K P Q E I A G F V R G M K Q A G N T I
UniRef90_M3BBF8 G F A V A L R A K G E T V A E I S G L V R A M
UniRef90_R6M322 A F L T A L R M K G E T V D E I V G C T E M M K S K G
UniRef90_F5XRY4 A F A V A L R C K G E T V E E I A G L A D T M L D
UniRef90_C5BPA3 G F L V A L R M K S E S L D E I T G A A M V M R E
UniRef90_E4N9X4 G F L I A M R G K G E T V E E I A G L V E S M
UniRef90_UPI0000510269 A F L V A H H T K G E T V S E I A G L V S A M M D
UniRef90_A7H793 A F L A A L R L K G E T V E E I A G A A E V M R A
UniRef90_R5S125 S F L T A L S I K G E T I D E I T A A A K V M
UniRef90_E7R050 A L L T G L R A K G E T E A E I A G F A Q G M R G A A R T I
UniRef90_UPI00037E8814 G F L M A L R T K G E S V A E L N G L A D A M V A
UniRef90_UPI00021977C9 S F L T A L S V K K E T V E E I A G A A N A M R N
UniRef90_Q1IG00 A F L M G M R M K S E S I D E I V G A V S V M R E
UniRef90_B7GHQ6 A F L V L L R F R G E T V D E L V G F I R A M R E
UniRef90_UPI000400A76D A F L V A L R A K G E T V A E V G G L A Q A M L E
UniRef90_UPI00047AFDF7 S L V S I M R Y R G E T V D E L V G F T K S M
UniRef90_V8CHE7 A F L T A L A L K G E S I D E I T A C A E S L R E
UniRef90_S9QV67 G L A V A L R M K G E T E D E L L G A A E A M R A C A T R I
UniRef90_W4PZ18 S L L T I M R F R G E T V D E M T G F A R S M R
UniRef90_R6ZU24 A F L A A L S T K S E T S D E I A G C A A A M R D H A T R V
UniRef90_H9UM37 A F L A A I Q T K G A A P E E I A G C A E
UniRef90_A0A031MJJ4 G M L V A L R M K S E S L D E I T G A A L A M R E
UniRef90_H5TAG5 A F L V A L K L K G E T S E E I A G A A A A M R D
UniRef90_UPI000362443E G F L V A L S A K G E T V A E L S G L V E A M L T S G E K L
UniRef90_D3L4V0 G F L V A L R S K G E T V E E I T A A A K V M R E
UniRef90_UPI00046F749A A F L V A L R M K G E T I P E I T G C A V S M R
UniRef90_B6IQ17 G F L M A L R V R G E T V D E I T G A A R I I R
UniRef90_UPI0002E75A3C A F L A A L R M K G E Q V E E V I G F A Q A M R E
UniRef90_B0K8T3 G I L I G L R L K G E S V E E I T G F A K A M R D
UniRef90_H0HV74 A F L M A L R V R G E S V A E I S G A V A T M R E
UniRef90_UPI0003706469 A F L M G L N V K G E T A S E I T G I V R A L K K H A T Q L
UniRef90_G8PIZ2 G F L M A L R L R G E T I D E I S A A V E T M R A
UniRef90_UPI0004785B9E G F L A G L R S K G E T V T E I A A A A R A L R N K G L R V
UniRef90_UPI00041C773C S L I S L L R F R G E T V E E L F G F V Q G M R E H M T T I
UniRef90_UPI0003A38B10 G F L M A L R M R G E A V A E I A G A V E S M R A
UniRef90_C4Z111 A F L T A L A A K G E T I D E I T A A A R V L R A
UniRef90_D6YZZ8 A F I T A L R I K G E T A A E I T G A V R V M R E
UniRef90_M5P917 G L L S I L A H R G E T V E E V T G F V R A M R E
UniRef90_M0RRV6 A F L V L L R V K G E T F E E I V G L A R A M I D
UniRef90_W6RH66 G F L M A L R V R G E T V D E I V G A V T T M R
UniRef90_Q1IBC7 A F L M L L R H K E E S A E E L A G F T E A L R A
UniRef90_E3BCD1 A F L V A L H S K G E T V E E L R G L A D V M V E
UniRef90_UPI00047D9D50 G F L I A L R T K G E T A D E I A G L A A A M R A
UniRef90_E0IC75 G I M T A L R I K G E T R D E I A G F A L A M R S H S D
UniRef90_X1SAZ8 S F L T A L R M K G E T V A E I T G F A R A M L E
UniRef90_UPI0003B373D2 A F A V L L R A K G E T V D E L T G L V Q A M L N
UniRef90_I0H0V1 G F A V A L R A K G E T P A E L A G L V Q A M L
UniRef90_K6VZG5 A F G V G V K M K G A A P G E L V G L A Q A M L D
UniRef90_UPI0002379215 A F V V A L R A K G E T P A E V R G M A D A M L A H A R R L
UniRef90_J7U3U6 A A L I S M K M R G E Q P D E I A G A A Q A
UniRef90_A3SNY1 G F L V T A S T N L A L D E I I A L T K A
UniRef90_J1L0A6 S F L T A M R M K G E T V P E I A G C V Q A M R A
UniRef90_R4W8F4 A L L T A L R A K G E T E Q E I A G F A E G M R A A A K T I
UniRef90_H2CB16 G F L I A L A L K G E T G E E I E S F A R A M R K A A K
UniRef90_A8ACG6 G F L V A L R C G R E R P E E L E G F V R A L L D
UniRef90_UPI0004063806 S L L T V L R F R G E T V D E L T G F A E C V R E
UniRef90_Z4X5R4 S F L T A M A I K G A T V D E I H G L A D G M Q D
UniRef90_W0DW91 G F L V A L R M K G E S V T E I A A A A A V M R D
UniRef90_UPI000474A587 A F L V A H H G K G E T V E E I R G L V R A M
UniRef90_Q021N5 A F L I A L K M K G E T V D E L V G F A R A M R A
UniRef90_I8SAU2 A F I T A L R I K G E T I D E I A G F A Q T M R N
UniRef90_A0A023CZL6 S F L T A L T M K K E T T A E I A G A A V A M R N
UniRef90_UPI00036F7117 A F G V A I K M K G P T P T E L S G L A T G M L R H A T R V
UniRef90_UPI00037FDF62 A F L M G L K T K G E T A A E I T G I V R A L
UniRef90_D3Q123 A F A V L L R A K G E T P S E L T G L V T A M L A N T S R I
UniRef90_F5ZD90 A V L T A L K I K H E S P G E I A G A A S A M V A
UniRef90_UPI0002EAF92A S L I S L L R F R G E T V D E L V G F S K S M R A
UniRef90_E8LJ86 S L V T A L K I K G E N Q D E I A G A A L A M L D A A E K
UniRef90_UPI0003958E20 A F C I A M R I K G E T A E E M C G L W D A
UniRef90_UPI0003A48236 A F A V A L R A K G E T S S E I L G M A D A M V E
UniRef90_UPI00036CA3D9 A F A I A M R I K G E S V D E L A G F L Q A T R E
UniRef90_C5CCA4 G F L L A L A A K G V T V P E L R G L T E A M V Q A G E T L
UniRef90_C1A116 A F G V G L K M K G E T P A E L E G L A G A M L E H S R R V

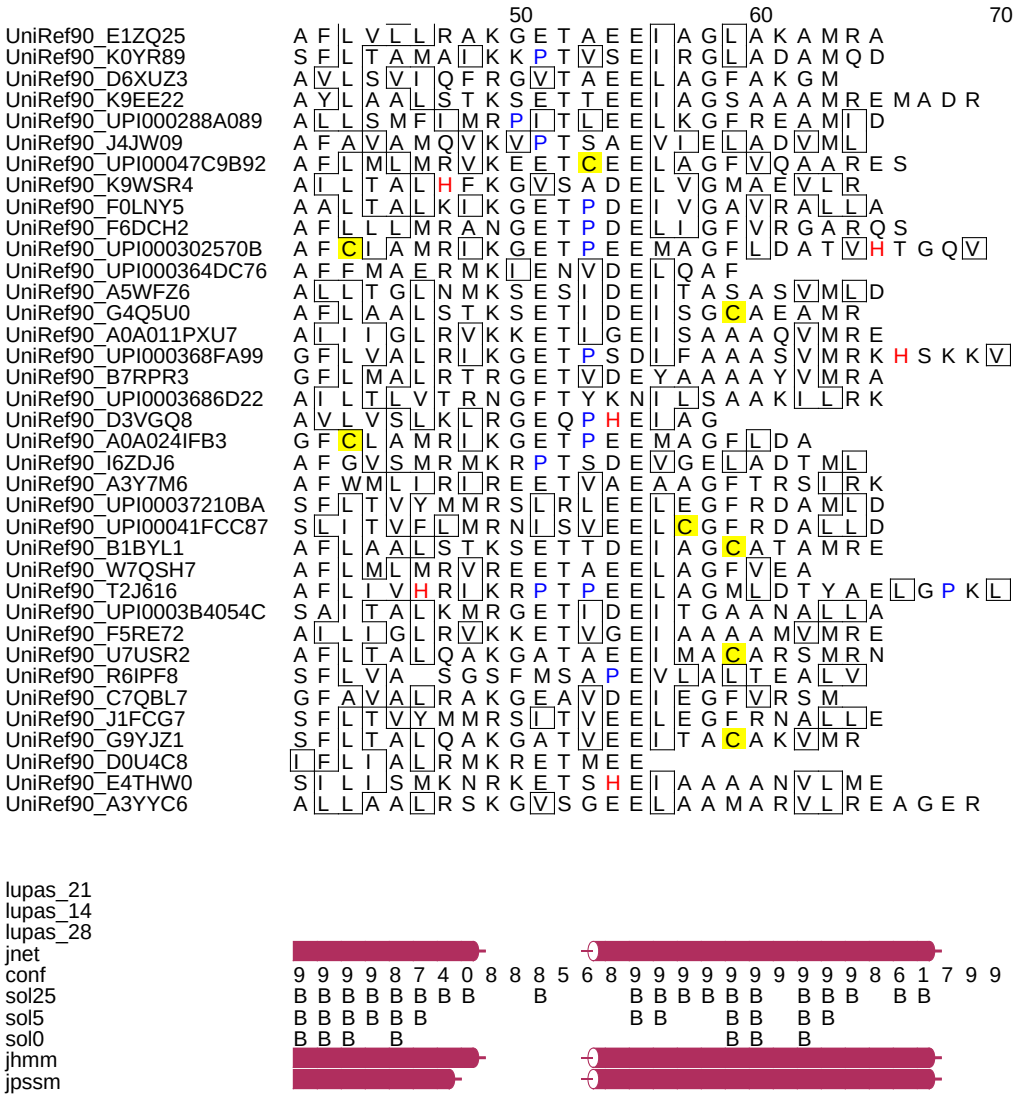

1
10
20
30
40
UniRef90_D3V253
UniRef90_UPI0003B6FCEA
UniRef90_UPI0003827097
UniRef90_C9RE03
UniRef90_A0A022KWF6
UniRef90_R8ZXL7
UniRef90_W1N5W8
UniRef90_A9HJ97
UniRef90_K9ALZ8
UniRef90_K6U9J4
UniRef90_F8K0X4
UniRef90_E2SAM7
UniRef90_A6D3T1
UniRef90_A4BDR0
UniRef90_D0MEK8
UniRef90_Q08654
UniRef90_I6YZM2
UniRef90_A8FEK1
UniRef90_G8AT64
UniRef90_A0A024HI55
UniRef90_D3UNM0
UniRef90_E4RK02
UniRef90_C7NN57
UniRef90_L8PDB4
UniRef90_A0A010PCP5
UniRef90_E8LU40
UniRef90_F3ZBX4
UniRef90_U7U894
UniRef90_R6JQ51
UniRef90_I3E996
UniRef90_E7GBB0
UniRef90_R9NMV8
UniRef90_E6PMQ9
UniRef90_UPI0003B592B2
UniRef90_UPI00045E9E1C
UniRef90_B4EWH5
UniRef90_UPI000361BBC9
UniRef90_UPI00035E8FBF
UniRef90_UPI00035CB45E
UniRef90_M2XRP4
UniRef90_H5U001
UniRef90_U3AHZ5
UniRef90_UPI000255E27C
UniRef90_K6ZJU0
UniRef90_W9GEF5
UniRef90_W7V1X8
UniRef90_G8N9J4
UniRef90_C9R4L9
UniRef90_UPI0003B6FC9D
UniRef90_F3MYB1
UniRef90_M0ILL8
UniRef90_F2P714
UniRef90_A6L7M8
UniRef90_K6ZIG8
UniRef90_Q21UG0
UniRef90_B6WRW4
UniRef90_Q82Y74
UniRef90_R7ZVZ6
UniRef90_M1XQ73
UniRef90_UPI00040742F7
UniRef90_Q1YI27
UniRef90_A4BSE0
UniRef90_UPI0004726F76
UniRef90_W7SYB2
UniRef90_UPI00047171FE
UniRef90_C6WT13
UniRef90_K4KQS3
UniRef90_L5MTG0
UniRef90_S7UGL8
UniRef90_D5E763
UniRef90_C5EFA7
UniRef90_UPI0004773579
UniRef90_UPI00047BDBE1
UniRef90_R6CG22
UniRef90_A0A031FY15
UniRef90_D5WXH5
UniRef90_I7JG38
UniRef90_E1YD92
UniRef90_UPI0002486C7A
UniRef90_B5JXZ5
UniRef90_UPI00020D997E
UniRef90_B0R622
UniRef90_I2JPK6
UniRef90_X0U6V7
UniRef90_UPI00036FE7AE
UniRef90_UPI0003B7A5D2
UniRef90_A5FA70
UniRef90_S0G730
UniRef90_UPI0004794936
UniRef90_I0JJI0
UniRef90_Q9V1G4
UniRef90_G5GZB1


50
60
70
UniRef90_D3V253
UniRef90_UPI0003B6FCEA
UniRef90_UPI0003827097
UniRef90_C9RE03
UniRef90_A0A022KWF6
UniRef90_R8ZXL7
UniRef90_W1N5W8
UniRef90_A9HJ97
UniRef90_K9ALZ8
UniRef90_K6U9J4
UniRef90_F8K0X4
UniRef90_E2SAM7
UniRef90_A6D3T1
UniRef90_A4BDR0
UniRef90_D0MEK8
UniRef90_Q08654
UniRef90_I6YZM2
UniRef90_A8FEK1
UniRef90_G8AT64
UniRef90_A0A024HI55
UniRef90_D3UNM0
UniRef90_E4RK02
UniRef90_C7NN57
UniRef90_L8PDB4
UniRef90_A0A010PCP5
UniRef90_E8LU40
UniRef90_F3ZBX4
UniRef90_U7U894
UniRef90_R6JQ51
UniRef90_I3E996
UniRef90_E7GBB0
UniRef90_R9NMV8
UniRef90_E6PMQ9
UniRef90_UPI0003B592B2
UniRef90_UPI00045E9E1C
UniRef90_B4EWH5
UniRef90_UPI000361BBC9
UniRef90_UPI00035E8FBF
UniRef90_UPI00035CB45E
UniRef90_M2XRP4
UniRef90_H5U001
UniRef90_U3AHZ5
UniRef90_UPI000255E27C
UniRef90_K6ZJU0
UniRef90_W9GEF5
UniRef90_W7V1X8
UniRef90_G8N9J4
UniRef90_C9R4L9
UniRef90_UPI0003B6FC9D
UniRef90_F3MYB1
UniRef90_M0ILL8
UniRef90_F2P714
UniRef90_A6L7M8
UniRef90_K6ZIG8
UniRef90_Q21UG0
UniRef90_B6WRW4
UniRef90_Q82Y74
UniRef90_R7ZVZ6
UniRef90_M1XQ73
UniRef90_UPI00040742F7
UniRef90_Q1YI27
UniRef90_A4BSE0
UniRef90_UPI0004726F76
UniRef90_W7SYB2
UniRef90_UPI00047171FE
UniRef90_C6WT13
UniRef90_K4KQS3
UniRef90_L5MTG0
UniRef90_S7UGL8
UniRef90_D5E763
UniRef90_C5EFA7
UniRef90_UPI0004773579
UniRef90_UPI00047BDBE1
UniRef90_R6CG22
UniRef90_A0A031FY15
UniRef90_D5WXH5
UniRef90_I7JG38
UniRef90_E1YD92
UniRef90_UPI0002486C7A
UniRef90_B5JXZ5
UniRef90_UPI00020D997E
UniRef90_B0R622
UniRef90_I2JPK6
UniRef90_X0U6V7
UniRef90_UPI00036FE7AE
UniRef90_UPI0003B7A5D2
UniRef90_A5FA70
UniRef90_S0G730
UniRef90_UPI0004794936
UniRef90_I0JJI0
UniRef90_Q9V1G4
UniRef90_G5GZB1


1
10
20
30
40
UniRef90_UPI0002485E96
UniRef90_L0IAU6
UniRef90_UPI0003B6695E
UniRef90_W7CF76
UniRef90_Q8KC17
UniRef90_R2VJ48
UniRef90_D5DHZ4
UniRef90_S6BZR0
UniRef90_J9H9U0
UniRef90_A8H3J5
UniRef90_E5YAD8
UniRef90_UPI00037B8647
UniRef90_I0R074
UniRef90_F8L7Z3
UniRef90_E8XSU9
UniRef90_U7DBA0
UniRef90_UPI00039417B6
UniRef90_C7LU92
UniRef90_E9V1P7
UniRef90_Q2PYI5
UniRef90_Q02000
UniRef90_UPI0003657693
UniRef90_Q5YZ21
UniRef90_UPI00042A9325
UniRef90_UPI0003B2EEAD
UniRef90_U5VWT2
UniRef90_C6XAX9
UniRef90_D2TQB6
UniRef90_A9B9W1
UniRef90_M7MIH7
UniRef90_UPI0003F845A5
UniRef90_I0Z6U7
UniRef90_UPI000472F785
UniRef90_F7Z0A0
UniRef90_X0QC46
UniRef90_W5W3B4
UniRef90_I9WAB2
UniRef90_L0L1T3
UniRef90_B0SYZ3
UniRef90_D8PAC7
UniRef90_A5F210
UniRef90_UPI0002891469
UniRef90_UPI000363E93A
UniRef90_A0A058ZPC3
UniRef90_K5YWJ5
UniRef90_Q8VP84
UniRef90_C2KZB2
UniRef90_D5ALM7
UniRef90_I1JX86
UniRef90_A1ZFH4
UniRef90_F3Z2N8
UniRef90_UPI0003421682B
UniRef90_B9E148
UniRef90_UPI0003654B70
UniRef90_B6ESB5
UniRef90_UPI00036AE63C
UniRef90_A0M4T1
UniRef90_G7H7L2
UniRef90_Q1N6X4
UniRef90_D8U603
UniRef90_M7NDH2
UniRef90_X8M063
UniRef90_UPI00034559F3
UniRef90_C7NIC5
UniRef90_G7J5E0
UniRef90_H1HSS1
UniRef90_UPI000287E07B
UniRef90_UPI0003638DE2
UniRef90_G1URX7
UniRef90_A0A024Q4H1
UniRef90_I3DI54
UniRef90_D4YNW3
UniRef90_R8APK1
UniRef90_R0FY55
UniRef90_B8D972
UniRef90_F7YWY2
UniRef90_UPI00036B0D34
UniRef90_UPI0004674C6B
UniRef90_X3ENQ7
UniRef90_F0S4H3
UniRef90_C9RJN9
UniRef90_L0H1A4
UniRef90_E1L125
UniRef90_R5PYR1
UniRef90_E7B3L6
UniRef90_UPI0004718D2E
UniRef90_Q15RZ7
UniRef90_R5Z4E3
UniRef90_UPI00036DC184
UniRef90_D2RG58
UniRef90_I4BKY7
UniRef90_K8B651

50
60
70
UniRef90_UPI0002485E96
UniRef90_L0IAU6
UniRef90_UPI0003B6695E
UniRef90_W7CF76
UniRef90_Q8KC17
UniRef90_R2VJ48
UniRef90_D5DHZ4
UniRef90_S6BZR0
UniRef90_J9H9U0
UniRef90_A8H3J5
UniRef90_E5YAD8
UniRef90_UPI00037B8647
UniRef90_I0R074
UniRef90_F8L7Z3
UniRef90_E8XSU9
UniRef90_U7DBA0
UniRef90_UPI00039417B6
UniRef90_C7LU92
UniRef90_E9V1P7
UniRef90_Q2PYI5
UniRef90_Q02000
UniRef90_UPI0003657693
UniRef90_Q5YZ21
UniRef90_UPI00042A9325
UniRef90_UPI0003B2EEAD
UniRef90_U5VWT2
UniRef90_C6XAX9
UniRef90_D2TQB6
UniRef90_A9B9W1
UniRef90_M7MIH7
UniRef90_UPI0003F845A5
UniRef90_I0Z6U7
UniRef90_UPI000472F785
UniRef90_F7Z0A0
UniRef90_X0QC46
UniRef90_W5W3B4
UniRef90_I9WAB2
UniRef90_L0L1T3
UniRef90_B0SYZ3
UniRef90_D8PAC7
UniRef90_A5F210
UniRef90_UPI0002891469
UniRef90_UPI000363E93A
UniRef90_A0A058ZPC3
UniRef90_K5YWJ5
UniRef90_Q8VP84
UniRef90_C2KZB2
UniRef90_D5ALM7
UniRef90_I1JX86
UniRef90_A1ZFH4
UniRef90_F3Z2N8
UniRef90_UPI000421682B
UniRef90_B9E148
UniRef90_UPI0003654B70
UniRef90_B6ESB5
UniRef90_UPI00036AE63C
UniRef90_A0M4T1
UniRef90_G7H7L2
UniRef90_Q1N6X4
UniRef90_D8U603
UniRef90_M7NDH2
UniRef90_X8M063
UniRef90_UPI00034559F3
UniRef90_C7NIC5
UniRef90_G7J5E0
UniRef90_H1HSS1
UniRef90_UPI000287E07B
UniRef90_UPI0003638DE2
UniRef90_G1URX7
UniRef90_A0A024Q4H1
UniRef90_I3DI54
UniRef90_D4YNW3
UniRef90_R8APK1
UniRef90_R0FY55
UniRef90_B8D972
UniRef90_F7YWY2
UniRef90_UPI00036B0D34
UniRef90_UPI0004674C6B
UniRef90_X3ENQ7
UniRef90_F0S4H3
UniRef90_C9RJN9
UniRef90_L0H1A4
UniRef90_E1L125
UniRef90_R5PYR1
UniRef90_E7B3L6
UniRef90_UPI0004718D2E
UniRef90_Q15RZ7
UniRef90_R5Z4E3
UniRef90_UPI00036DC184
UniRef90_D2RG58
UniRef90_I4BKY7
UniRef90_K8B651


1
10
20
30
40
UniRef90_E1ZQ25
UniRef90_K0YR89
UniRef90_D6XUZ3
UniRef90_K9EE22
UniRef90_UPI000288A089
UniRef90_J4JW09
UniRef90_UPI00047C9B92
UniRef90_K9WSR4
UniRef90_F0LNY5
UniRef90_F6DCH2
UniRef90_UPI000302570B
UniRef90_UPI000364DC76
UniRef90_A5WFZ6
UniRef90_G4Q5U0
UniRef90_A0A011PXU7
UniRef90_UPI000368FA99
UniRef90_B7RPR3
UniRef90_UPI0003686D22
UniRef90_D3VGQ8
UniRef90_A0A024IFB3
UniRef90_I6ZDJ6
UniRef90_A3Y7M6
UniRef90_UPI00037210BA
UniRef90_UPI00041FCC87
UniRef90_B1BYL1
UniRef90_W7QSH7
UniRef90_T2J616
UniRef90_UPI0003B4054C
UniRef90_F5RE72
UniRef90_U7USR2
UniRef90_R6IPF8
UniRef90_C7QBL7
UniRef90_J1FCG7
UniRef90_G9YJZ1
UniRef90_D0U4C8
UniRef90_E4THW0
UniRef90_A3YYC6
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


50
60
70
UniRef90_E1ZQ25
UniRef90_K0YR89
UniRef90_D6XUZ3
UniRef90_K9EE22
UniRef90_UPI000288A089
UniRef90_J4JW09
UniRef90_UPI00047C9B92
UniRef90_K9WSR4
UniRef90_F0LNY5
UniRef90_F6DCH2
UniRef90_UPI000302570B
UniRef90_UPI000364DC76
UniRef90_A5WFZ6
UniRef90_G4Q5U0
UniRef90_A0A011PXU7
UniRef90_UPI000368FA99
UniRef90_B7RPR3
UniRef90_UPI0003686D22
UniRef90_D3VGQ8
UniRef90_A0A024IFB3
UniRef90_I6ZDJ6
UniRef90_A3Y7M6
UniRef90_UPI00037210BA
UniRef90_UPI00041FCC87
UniRef90_B1BYL1
UniRef90_W7QSH7
UniRef90_T2J616
UniRef90_UPI0003B4054C
UniRef90_F5RE72
UniRef90_U7USR2
UniRef90_R6IPF8
UniRef90_C7QBL7
UniRef90_J1FCG7
UniRef90_G9YJZ1
UniRef90_D0U4C8
UniRef90_E4THW0
UniRef90_A3YYC6
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm