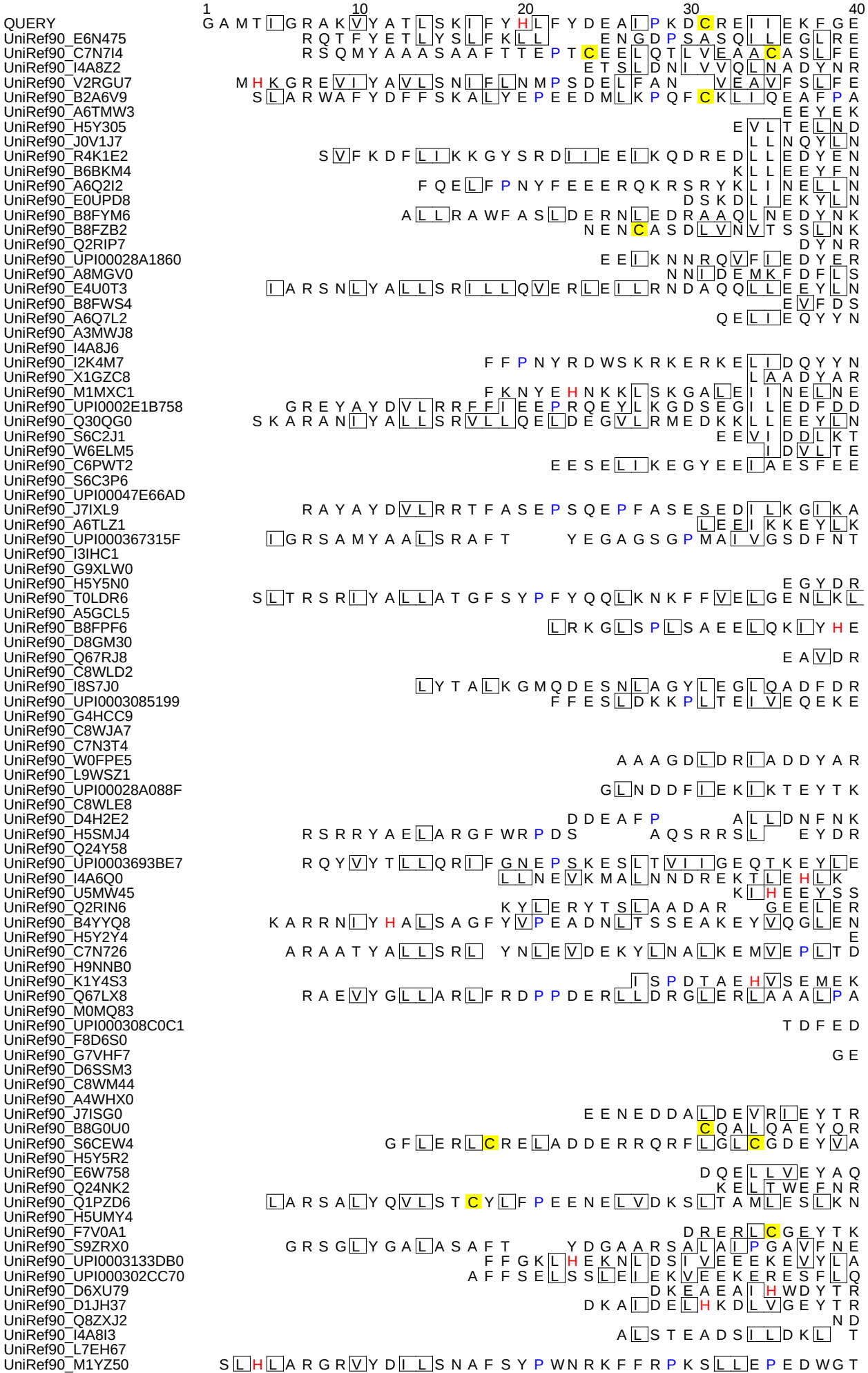
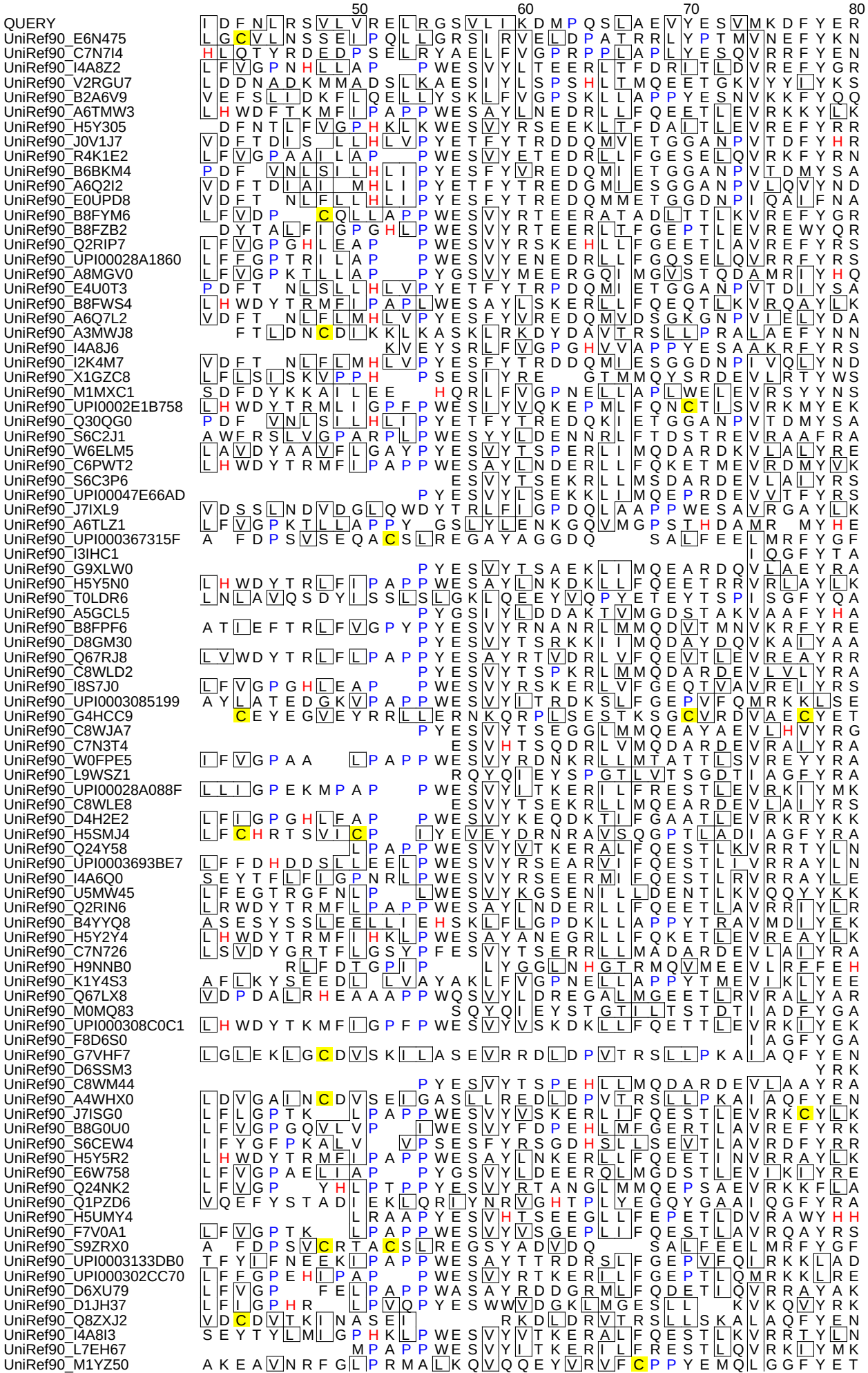
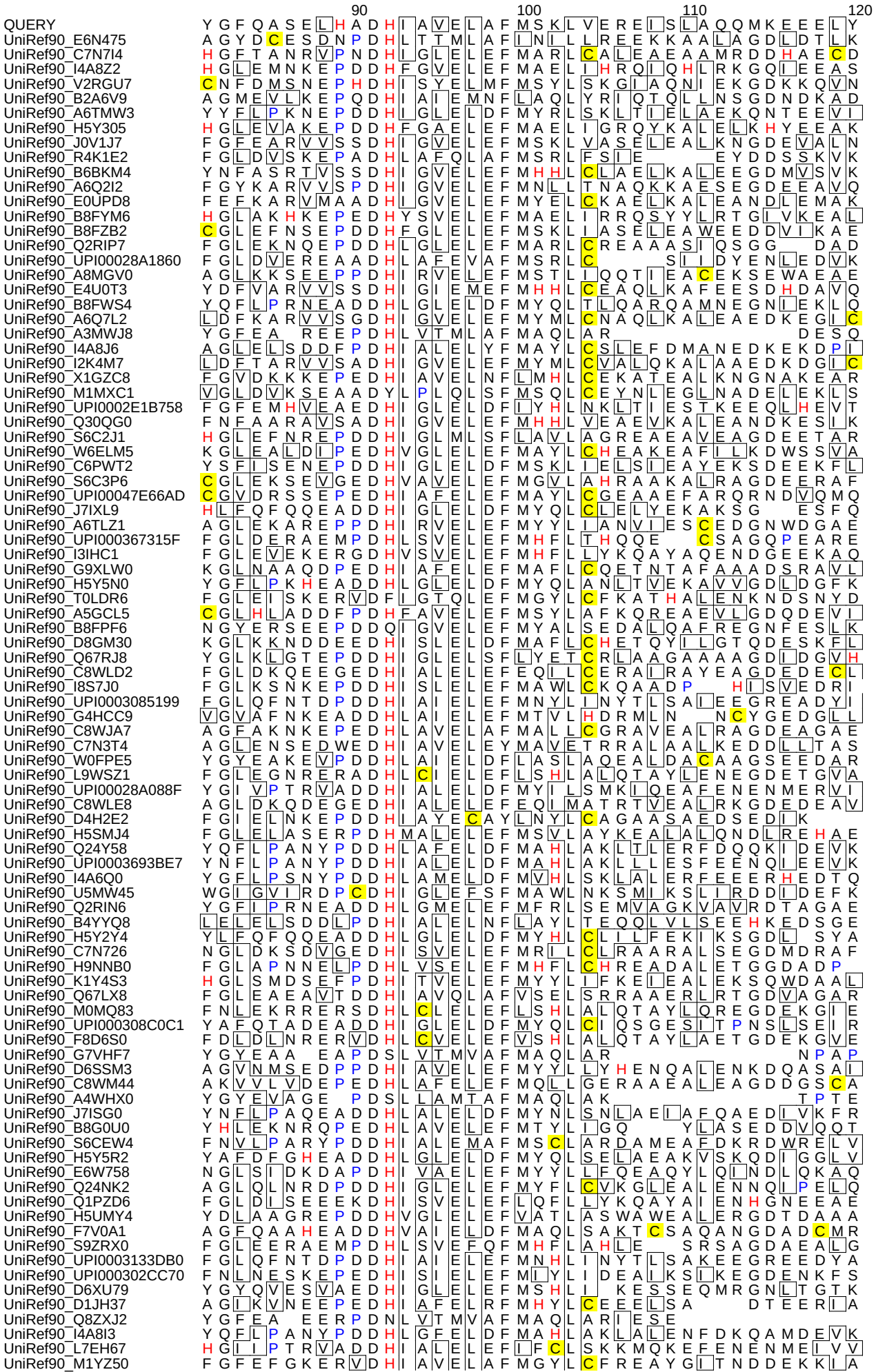
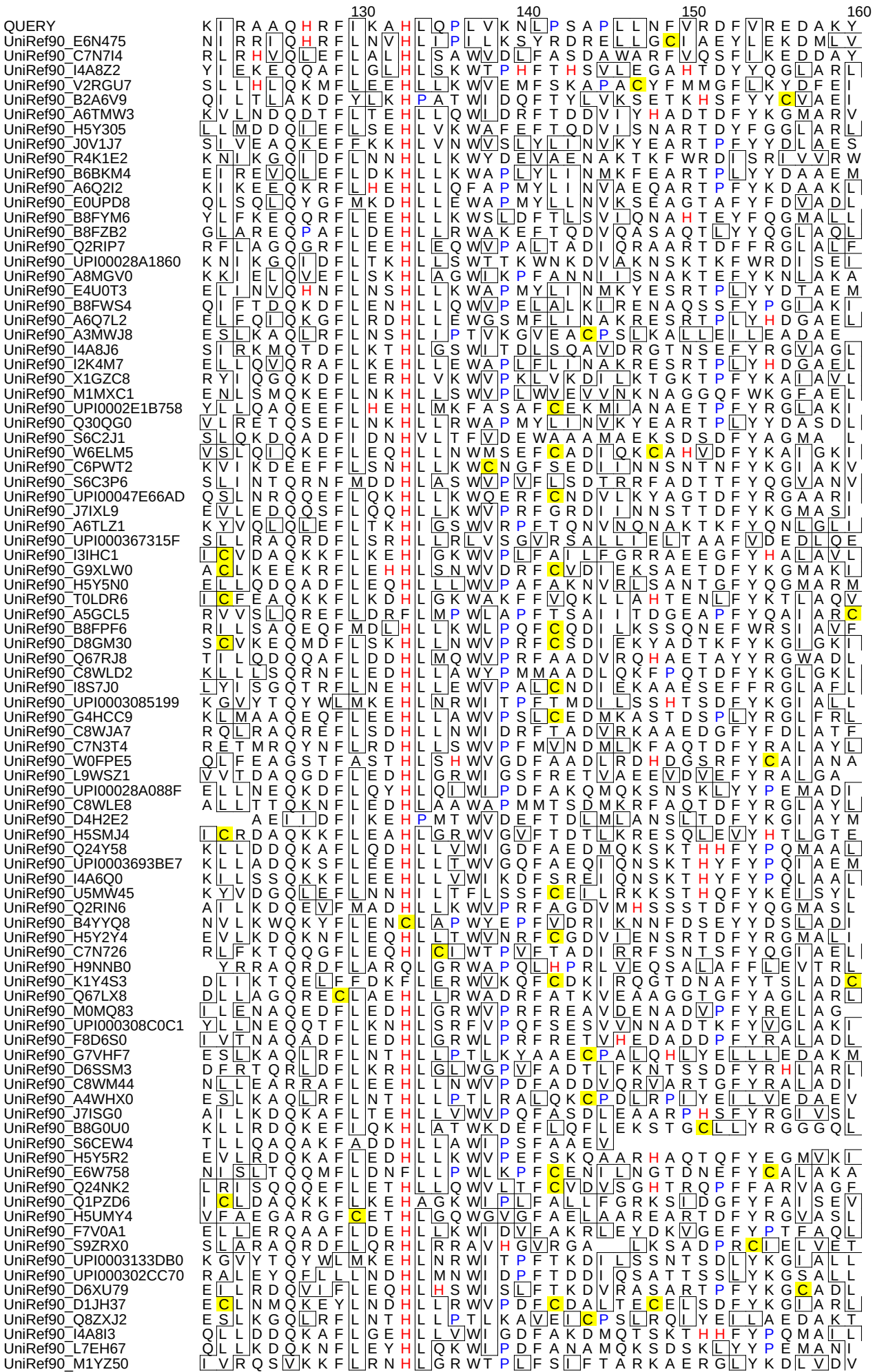
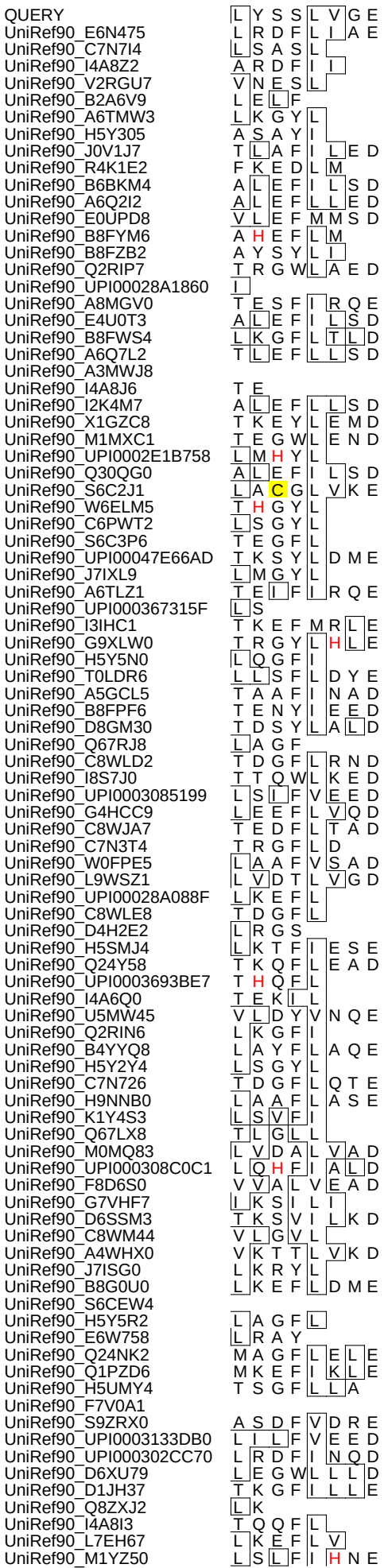
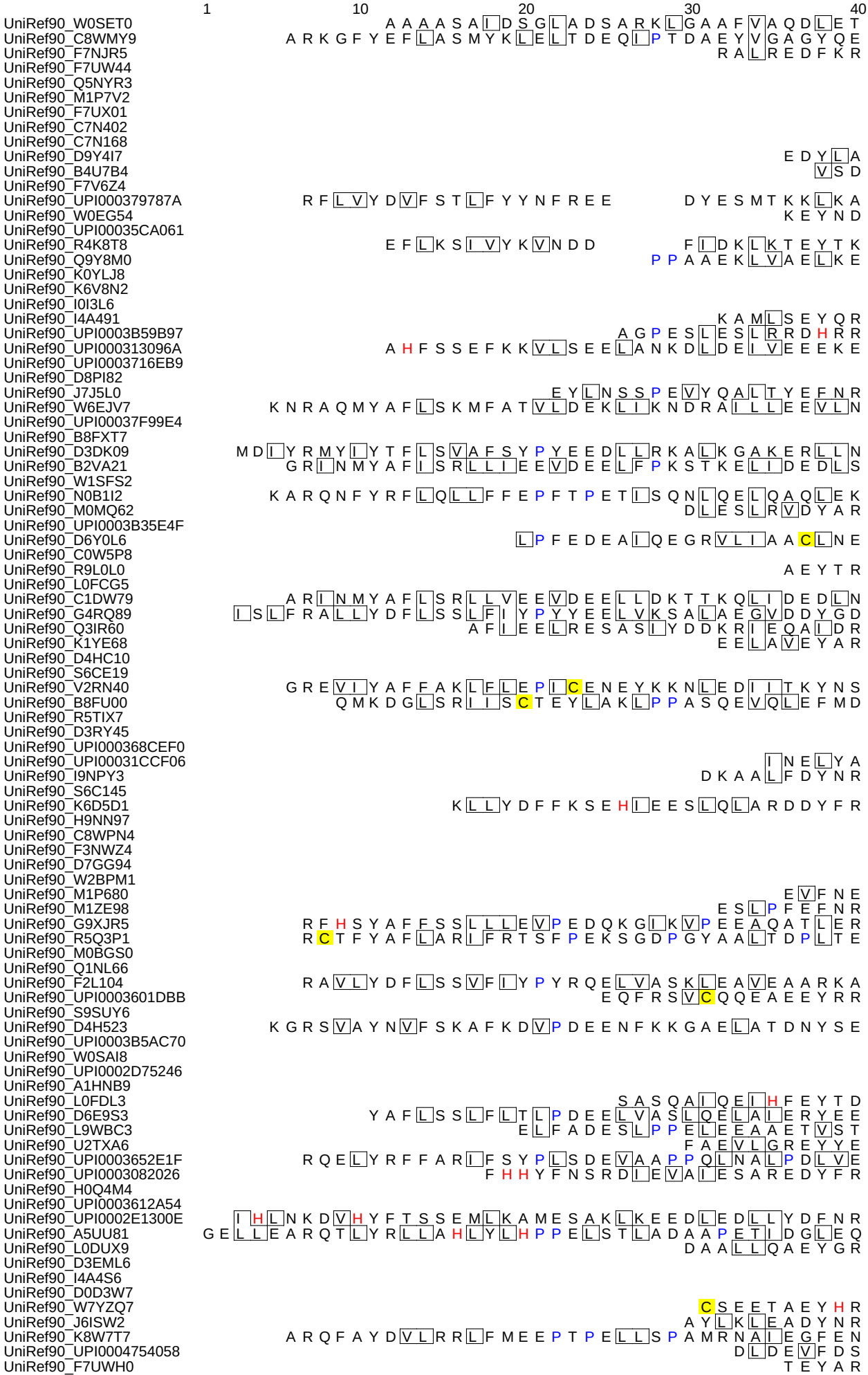

1
10
20
30
40
QUERY
UniRef90_E6N475
UniRef90_C7N7I4
UniRef90_I4A8Z2
UniRef90_V2RGU7
UniRef90_B2A6V9
UniRef90_A6TMW3
UniRef90_H5Y305
UniRef90_J0V1J7
UniRef90_R4K1E2
UniRef90_B6BKM4
UniRef90_A6Q2I2
UniRef90_E0UPD8
UniRef90_B8FYM6
UniRef90_B8FZB2
UniRef90_Q2RIP7
UniRef90_UPI00028A1860
UniRef90_A8MGV0
UniRef90_E4U0T3
UniRef90_B8FWS4
UniRef90_A6Q7L2
UniRef90_A3MWJ8
UniRef90_I4A8J6
UniRef90_I2K4M7
UniRef90_X1GZC8
UniRef90_M1MXC1
UniRef90_UPI0002E1B758
UniRef90_Q30QG0
UniRef90_S6C2J1
UniRef90_W6ELM5
UniRef90_C6PWT2
UniRef90_S6C3P6
UniRef90_UPI00047E66AD
UniRef90_J7IXL9
UniRef90_A6TLZ1
UniRef90_UPI000367315F
UniRef90_I3IHC1
UniRef90_G9XLW0
UniRef90_H5Y5N0
UniRef90_T0LDR6
UniRef90_A5GCL5
UniRef90_B8FPF6
UniRef90_D8GM30
UniRef90_Q67RJ8
UniRef90_C8WLD2
UniRef90_I8S7J0
UniRef90_UPI0003085199
UniRef90_G4HCC9
UniRef90_C8WJA7
UniRef90_C7N3T4
UniRef90_W0FPE5
UniRef90_L9WSZ1
UniRef90_UPI00028A088F
UniRef90_C8WLE8
UniRef90_D4H2E2
UniRef90_H5SMJ4
UniRef90_Q24Y58
UniRef90_UPI0003693BE7
UniRef90_I4A6Q0
UniRef90_U5MW45
UniRef90_Q2RIN6
UniRef90_B4YYQ8
UniRef90_H5Y2Y4
UniRef90_C7N726
UniRef90_H9NNB0
UniRef90_K1Y4S3
UniRef90_Q67LX8
UniRef90_M0MQ83
UniRef90_UPI000308C0C1
UniRef90_F8D6S0
UniRef90_G7VHF7
UniRef90_D6SSM3
UniRef90_C8WM44
UniRef90_A4WHX0
UniRef90_J7ISG0
UniRef90_B8G0U0
UniRef90_S6CEW4
UniRef90_H5Y5R2
UniRef90_E6W758
UniRef90_Q24NK2
UniRef90_Q1PZD6
UniRef90_H5UMY4
UniRef90_F7V0A1
UniRef90_S9ZRX0
UniRef90_UPI0003133DB0
UniRef90_UPI000302CC70
UniRef90_D6XU79
UniRef90_D1JH37
UniRef90_Q8ZXJ2
UniRef90_I4A8I3
UniRef90_L7EH67
UniRef90_M1YZ50

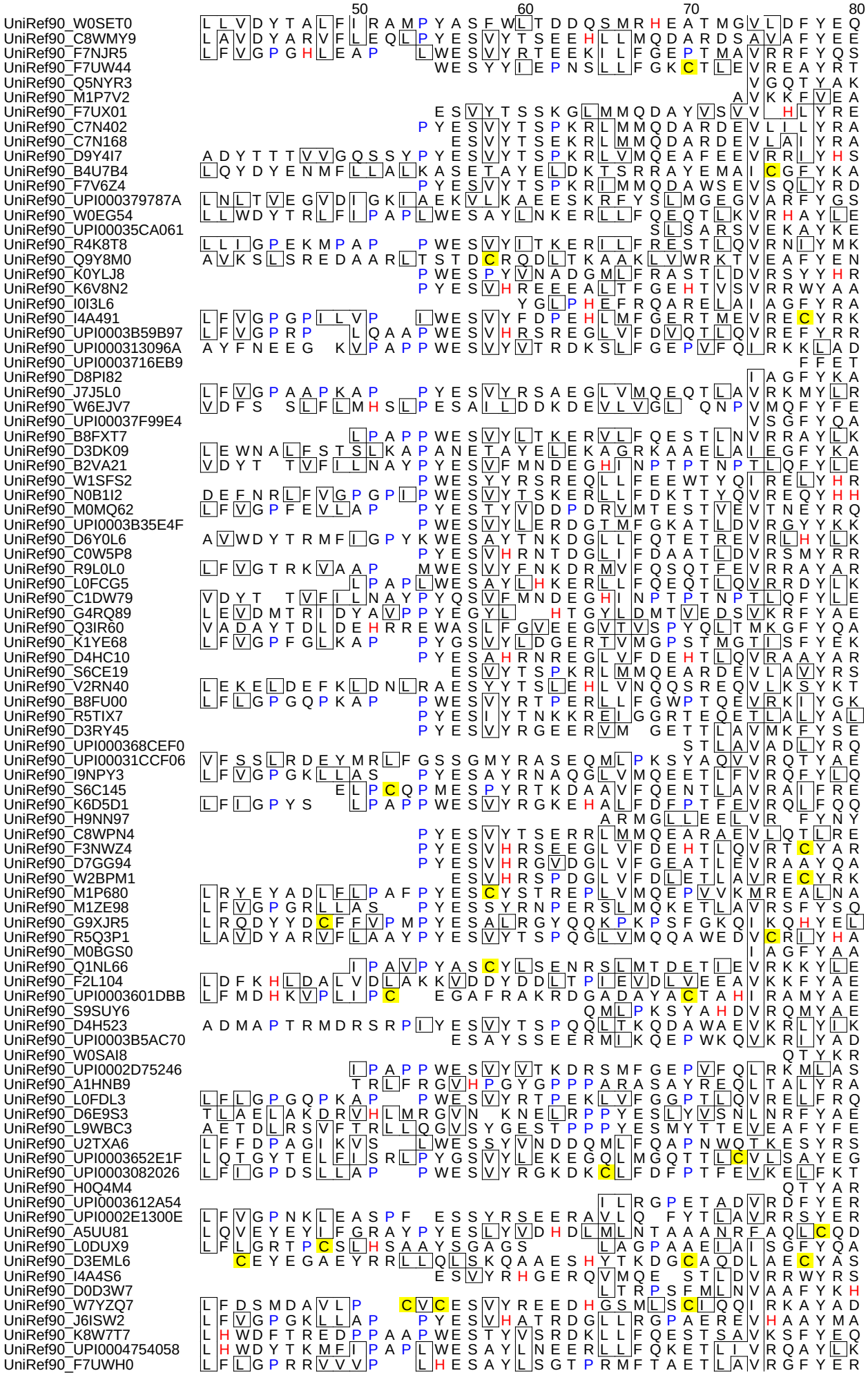

50
60
70
80
QUERY
UniRef90_E6N475
UniRef90_C7N7I4
UniRef90_I4A8Z2
UniRef90_V2RGU7
UniRef90_B2A6V9
UniRef90_A6TMW3
UniRef90_H5Y305
UniRef90_J0V1J7
UniRef90_R4K1E2
UniRef90_B6BKM4
UniRef90_A6Q2I2
UniRef90_E0UPD8
UniRef90_B8FYM6
UniRef90_B8FZB2
UniRef90_Q2RIP7
UniRef90_UPI00028A1860
UniRef90_A8MGV0
UniRef90_E4U0T3
UniRef90_B8FWS4
UniRef90_A6Q7L2
UniRef90_A3MWJ8
UniRef90_I4A8J6
UniRef90_I2K4M7
UniRef90_X1GZC8
UniRef90_M1MXC1
UniRef90_UPI0002E1B758
UniRef90_Q30QG0
UniRef90_S6C2J1
UniRef90_W6ELM5
UniRef90_C6PWT2
UniRef90_S6C3P6
UniRef90_UPI00047E66AD
UniRef90_J7IXL9
UniRef90_A6TLZ1
UniRef90_UPI000367315F
UniRef90_I3IHC1
UniRef90_G9XLW0
UniRef90_H5Y5N0
UniRef90_T0LDR6
UniRef90_A5GCL5
UniRef90_B8FPF6
UniRef90_D8GM30
UniRef90_Q67RJ8
UniRef90_C8WLD2
UniRef90_I8S7J0
UniRef90_UPI0003085199
UniRef90_G4HCC9
UniRef90_C8WJA7
UniRef90_C7N3T4
UniRef90_W0FPE5
UniRef90_L9WSZ1
UniRef90_UPI00028A088F
UniRef90_C8WLE8
UniRef90_D4H2E2
UniRef90_H5SMJ4
UniRef90_Q24Y58
UniRef90_UPI0003693BE7
UniRef90_I4A6Q0
UniRef90_U5MW45
UniRef90_Q2RIN6
UniRef90_B4YYQ8
UniRef90_H5Y2Y4
UniRef90_C7N726
UniRef90_H9NNB0
UniRef90_K1Y4S3
UniRef90_Q67LX8
UniRef90_M0MQ83
UniRef90_UPI000308C0C1
UniRef90_F8D6S0
UniRef90_G7VHF7
UniRef90_D6SSM3
UniRef90_C8WM44
UniRef90_A4WHX0
UniRef90_J7ISG0
UniRef90_B8G0U0
UniRef90_S6CEW4
UniRef90_H5Y5R2
UniRef90_E6W758
UniRef90_Q24NK2
UniRef90_Q1PZD6
UniRef90_H5UMY4
UniRef90_F7V0A1
UniRef90_S9ZRX0
UniRef90_UPI0003133DB0
UniRef90_UPI000302CC70
UniRef90_D6XU79
UniRef90_D1JH37
UniRef90_Q8ZXJ2
UniRef90_I4A8I3
UniRef90_L7EH67
UniRef90_M1YZ50

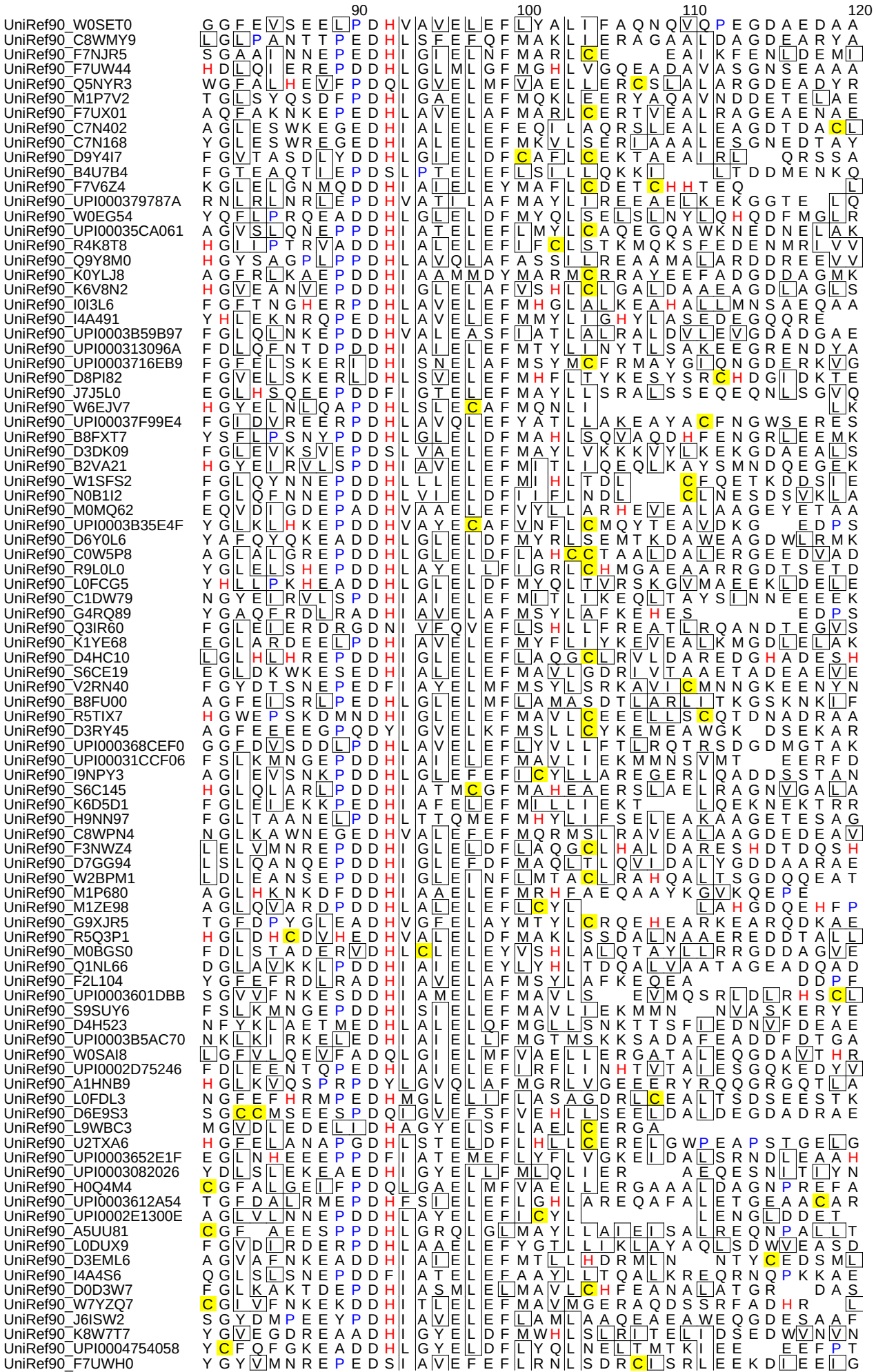

90
100
110
120
QUERY
UniRef90_E6N475
UniRef90_C7N7I4
UniRef90_I4A8Z2
UniRef90_V2RGU7
UniRef90_B2A6V9
UniRef90_A6TMW3
UniRef90_H5Y305
UniRef90_J0V1J7
UniRef90_R4K1E2
UniRef90_B6BKM4
UniRef90_A6Q2I2
UniRef90_E0UPD8
UniRef90_B8FYM6
UniRef90_B8FZB2
UniRef90_Q2RIP7
UniRef90_UPI00028A1860
UniRef90_A8MGV0
UniRef90_E4U0T3
UniRef90_B8FWS4
UniRef90_A6Q7L2
UniRef90_A3MWJ8
UniRef90_I4A8J6
UniRef90_I2K4M7
UniRef90_X1GZC8
UniRef90_M1MXC1
UniRef90_UPI0002E1B758
UniRef90_Q30QG0
UniRef90_S6C2J1
UniRef90_W6ELM5
UniRef90_C6PWT2
UniRef90_S6C3P6
UniRef90_UPI00047E66AD
UniRef90_J7IXL9
UniRef90_A6TLZ1
UniRef90_UPI000367315F
UniRef90_I3IHC1
UniRef90_G9XLW0
UniRef90_H5Y5N0
UniRef90_T0LDR6
UniRef90_A5GCL5
UniRef90_B8FPF6
UniRef90_D8GM30
UniRef90_Q67RJ8
UniRef90_C8WLD2
UniRef90_I8S7J0
UniRef90_UPI0003085199
UniRef90_G4HCC9
UniRef90_C8WJA7
UniRef90_C7N3T4
UniRef90_W0FPE5
UniRef90_L9WSZ1
UniRef90_UPI00028A088F
UniRef90_C8WLE8
UniRef90_D4H2E2
UniRef90_H5SMJ4
UniRef90_Q24Y58
UniRef90_UPI0003693BE7
UniRef90_I4A6Q0
UniRef90_U5MW45
UniRef90_Q2RIN6
UniRef90_B4YYQ8
UniRef90_H5Y2Y4
UniRef90_C7N726
UniRef90_H9NNB0
UniRef90_K1Y4S3
UniRef90_Q67LX8
UniRef90_M0MQ83
UniRef90_UPI000308C0C1
UniRef90_F8D6S0
UniRef90_G7VHF7
UniRef90_D6SSM3
UniRef90_C8WM44
UniRef90_A4WHX0
UniRef90_J7ISG0
UniRef90_B8G0U0
UniRef90_S6CEW4
UniRef90_H5Y5R2
UniRef90_E6W758
UniRef90_Q24NK2
UniRef90_Q1PZD6
UniRef90_H5UMY4
UniRef90_F7V0A1
UniRef90_S9ZRX0
UniRef90_UPI0003133DB0
UniRef90_UPI000302CC70
UniRef90_D6XU79
UniRef90_D1JH37
UniRef90_Q8ZXJ2
UniRef90_I4A8I3
UniRef90_L7EH67
UniRef90_M1YZ50

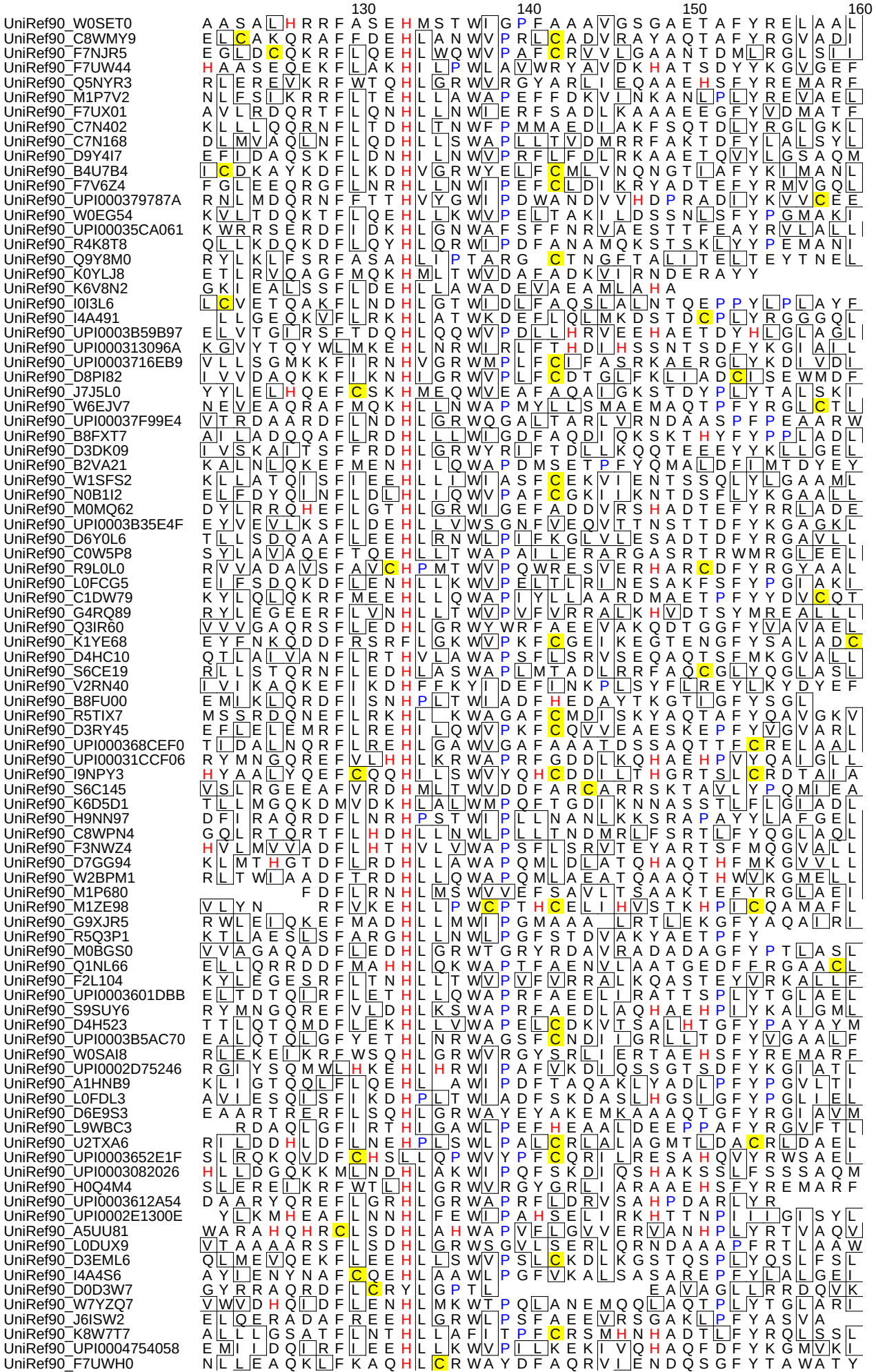

130
140
150
160
QUERY
UniRef90_E6N475
UniRef90_C7N7I4
UniRef90_I4A8Z2
UniRef90_V2RGU7
UniRef90_B2A6V9
UniRef90_A6TMW3
UniRef90_H5Y305
UniRef90_J0V1J7
UniRef90_R4K1E2
UniRef90_B6BKM4
UniRef90_A6Q2I2
UniRef90_E0UPD8
UniRef90_B8FYM6
UniRef90_B8FZB2
UniRef90_Q2RIP7
UniRef90_UPI00028A1860
UniRef90_A8MGV0
UniRef90_E4U0T3
UniRef90_B8FWS4
UniRef90_A6Q7L2
UniRef90_A3MWJ8
UniRef90_I4A8J6
UniRef90_I2K4M7
UniRef90_X1GZC8
UniRef90_M1MXC1
UniRef90_UPI0002E1B758
UniRef90_Q30QG0
UniRef90_S6C2J1
UniRef90_W6ELM5
UniRef90_C6PWT2
UniRef90_S6C3P6
UniRef90_UPI00047E66AD
UniRef90_J7IXL9
UniRef90_A6TLZ1
UniRef90_UPI000367315F
UniRef90_I3IHC1
UniRef90_G9XLW0
UniRef90_H5Y5N0
UniRef90_T0LDR6
UniRef90_A5GCL5
UniRef90_B8FPF6
UniRef90_D8GM30
UniRef90_Q67RJ8
UniRef90_C8WLD2
UniRef90_I8S7J0
UniRef90_UPI0003085199
UniRef90_G4HCC9
UniRef90_C8WJA7
UniRef90_C7N3T4
UniRef90_W0FPE5
UniRef90_L9WSZ1
UniRef90_UPI00028A088F
UniRef90_C8WLE8
UniRef90_D4H2E2
UniRef90_H5SMJ4
UniRef90_Q24Y58
UniRef90_UPI0003693BE7
UniRef90_I4A6Q0
UniRef90_U5MW45
UniRef90_Q2RIN6
UniRef90_B4YYQ8
UniRef90_H5Y2Y4
UniRef90_C7N726
UniRef90_H9NNB0
UniRef90_K1Y4S3
UniRef90_Q67LX8
UniRef90_M0MQ83
UniRef90_UPI000308C0C1
UniRef90_F8D6S0
UniRef90_G7VHF7
UniRef90_D6SSM3
UniRef90_C8WM44
UniRef90_A4WHX0
UniRef90_J7ISG0
UniRef90_B8G0U0
UniRef90_S6CEW4
UniRef90_H5Y5R2
UniRef90_E6W758
UniRef90_Q24NK2
UniRef90_Q1PZD6
UniRef90_H5UMY4
UniRef90_F7V0A1
UniRef90_S9ZRX0
UniRef90_UPI0003133DB0
UniRef90_UPI000302CC70
UniRef90_D6XU79
UniRef90_D1JH37
UniRef90_Q8ZXJ2
UniRef90_I4A8I3
UniRef90_L7EH67
UniRef90_M1YZ50

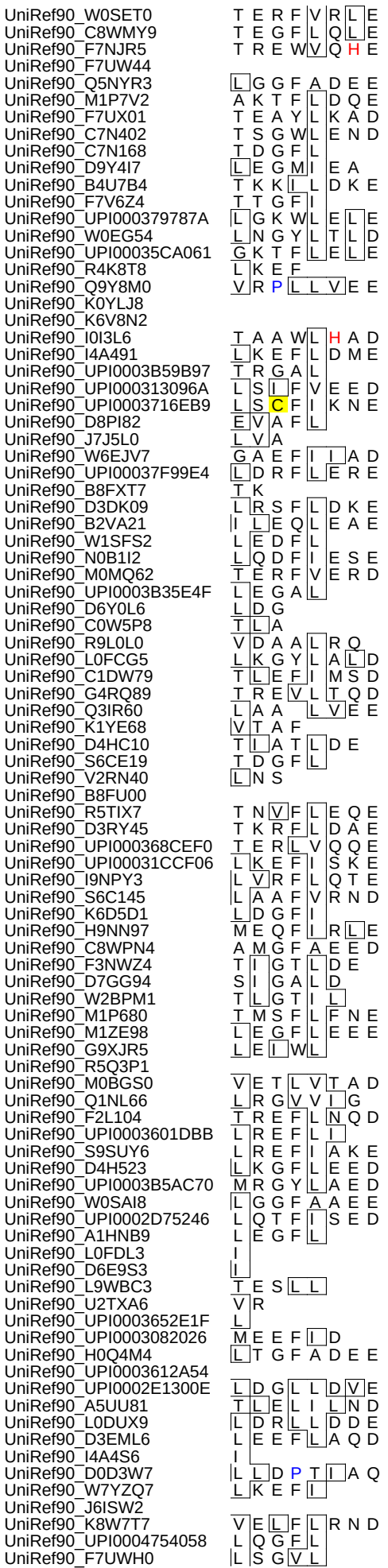

QUERY L Y S S L V G E
UniRef90_E6N475 L R D F L I A E
UniRef90_C7N7I4 L S A S L
UniRef90_I4A8Z2 A R D F I I
UniRef90_V2RGU7 V N E S L
UniRef90_B2A6V9 L E L F
UniRef90_A6TMW3 L K G Y L
UniRef90_H5Y305 A S A Y I
UniRef90_J0V1J7 T L A F I L E D
UniRef90_R4K1E2 F K E D L M
UniRef90_B6BKM4 A L E F I L S D
UniRef90_A6Q2I2 A L E F L L E D
UniRef90_E0UPD8 V L E F M M S D
UniRef90_B8FYM6 A H E F L M
UniRef90_B8FZB2 A Y S Y L I
UniRef90_Q2RIP7 T R G W L A E D
UniRef90_UPI00028A1860 I
UniRef90_A8MGV0 T E S F I R Q E
UniRef90_E4U0T3 A L E F I L S D
UniRef90_B8FWS4 L K G F L T L D
UniRef90_A6Q7L2 T L E F L L S D
UniRef90_A3MWJ8
UniRef90_I4A8J6 T E
UniRef90_I2K4M7 A L E F L L S D
UniRef90_X1GZC8 T K E Y L E M D
UniRef90_M1MXC1 T E G W L E N D
UniRef90_UPI0002E1B758 L M H Y L
UniRef90_Q30QG0 A L E F I L S D
UniRef90_S6C2J1 L A C G L V K E
UniRef90_W6ELM5 T H G Y L
UniRef90_C6PWT2 L S G Y L
UniRef90_S6C3P6 T E G F L
UniRef90_UPI00047E66AD T K S Y L D M E
UniRef90_J7IXL9 L M G Y L
UniRef90_A6TLZ1 T E I F I R Q E
UniRef90_UPI000367315F L S
UniRef90_I3IHC1 T K E F M R L E
UniRef90_G9XLW0 T R G Y L H L E
UniRef90_H5Y5N0 L Q G F I
UniRef90_T0LDR6 L L S F L D Y E
UniRef90_A5GCL5 T A A F I N A D
UniRef90_B8FPF6 T E N Y I E E D
UniRef90_D8GM30 T D S Y L A L D
UniRef90_Q67RJ8 L A G F
UniRef90_C8WLD2 T D G F L R N D
UniRef90_I8S7J0 T T Q W L K E D
UniRef90_UPI0003085199 L S I F V E E D
UniRef90_G4HCC9 L E E F L V Q D
UniRef90_C8WJA7 T E D F L T A D
UniRef90_C7N3T4 T R G F L D
UniRef90_W0FPE5 L A A F V S A D
UniRef90_L9WSZ1 L V D T L V G D
UniRef90_UPI00028A088F L K E F L
UniRef90_C8WLE8 T D G F L
UniRef90_D4H2E2 L R G S
UniRef90_H5SMJ4 L K T F I E S E
UniRef90_Q24Y58 T K Q F L E A D
UniRef90_UPI0003693BE7 T H Q F L
UniRef90_I4A6Q0 T E K I L
UniRef90_U5MW45 V L D Y V N Q E
UniRef90_Q2RIN6 L K G F I
UniRef90_B4YYQ8 L A Y F L A Q E
UniRef90_H5Y2Y4 L S G Y L
UniRef90_C7N726 T D G F L Q T E
UniRef90_H9NNB0 L A A F L A S E
UniRef90_K1Y4S3 L S V F I
UniRef90_Q67LX8 T L G L L
UniRef90_M0MQ83 L V D A L V A D
UniRef90_UPI000308C0C1 L Q H F I A L D
UniRef90_F8D6S0 V V A L V E A D
UniRef90_G7VHF7 I K S I L I
UniRef90_D6SSM3 T K S V I L K D
UniRef90_C8WM44 V L G V L
UniRef90_A4WHX0 V K T T L V K D
UniRef90_J7ISG0 L K R Y L
UniRef90_B8G0U0 L K E F L D M E
UniRef90_S6CEW4
UniRef90_H5Y5R2 L A G F L
UniRef90_E6W758 L R A Y
UniRef90_Q24NK2 M A G F L E L E
UniRef90_Q1PZD6 M K E F I K L E
UniRef90_H5UMY4 T S G F L L A
UniRef90_F7V0A1
UniRef90_S9ZRX0 A S D F V D R E
UniRef90_UPI0003133DB0 L I L F V E E D
UniRef90_UPI000302CC70 L R D F I N Q D
UniRef90_D6XU79 L E G W L L L D
UniRef90_D1JH37 T K G F I L L E
UniRef90_Q8ZXJ2 L K
UniRef90_I4A8I3 T Q Q F L
UniRef90_L7EH67 L K E F L V
UniRef90_M1YZ50 L S L F I H N E

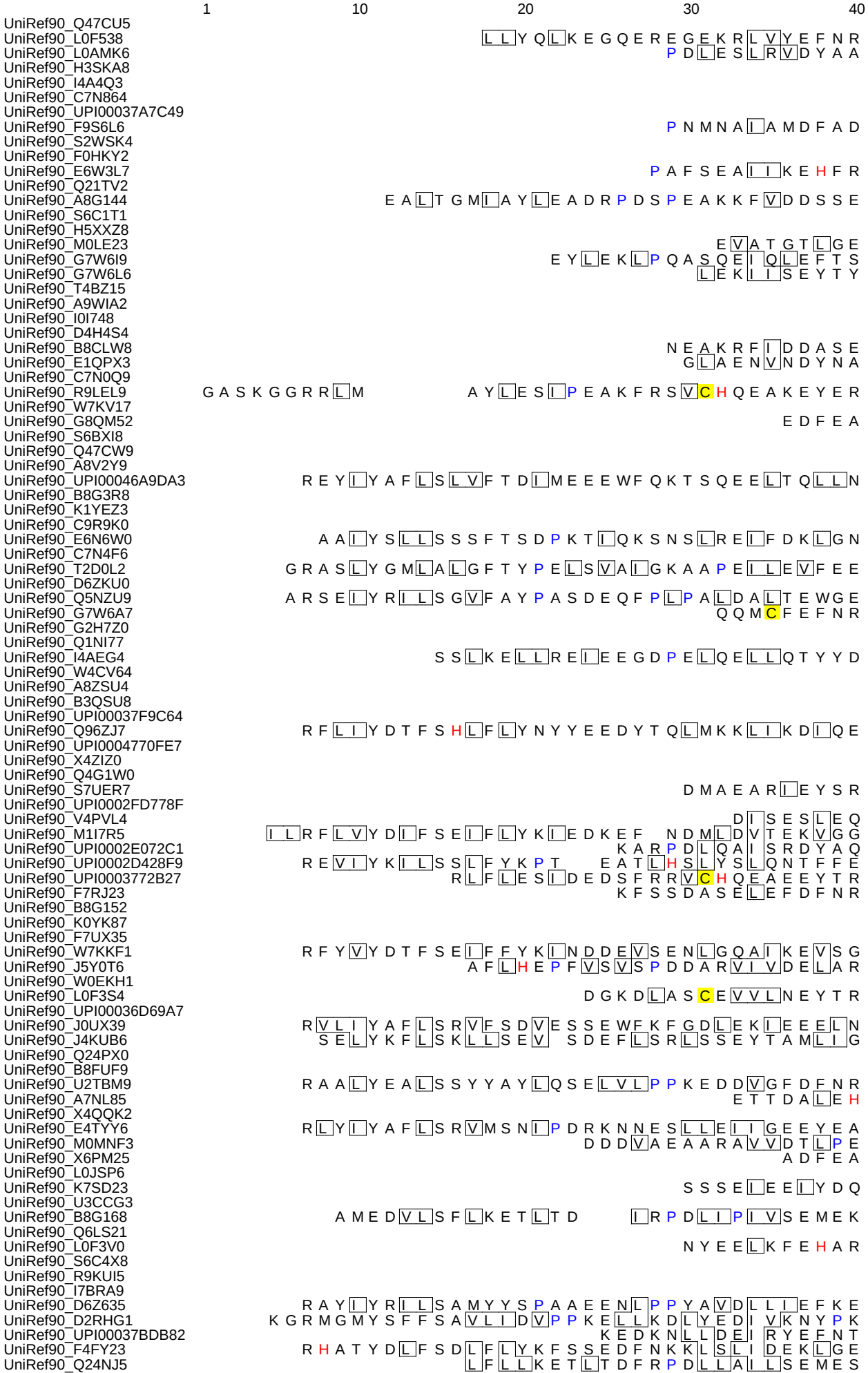

1
10
20
30
40
UniRef90_W0SET0
UniRef90_C8WMY9
UniRef90_F7NJR5
UniRef90_F7UW44
UniRef90_Q5NYR3
UniRef90_M1P7V2
UniRef90_F7UX01
UniRef90_C7N402
UniRef90_C7N168
UniRef90_D9Y4I7
UniRef90_B4U7B4
UniRef90_F7V6Z4
UniRef90_UPI000379787A
UniRef90_W0EG54
UniRef90_UPI00035CA061
UniRef90_R4K8T8
UniRef90_Q9Y8M0
UniRef90_K0YLJ8
UniRef90_K6V8N2
UniRef90_I0I3L6
UniRef90_I4A491
UniRef90_UPI0003B59B97
UniRef90_UPI000313096A
UniRef90_UPI0003716EB9
UniRef90_D8PI82
UniRef90_J7J5L0
UniRef90_W6EJV7
UniRef90_UPI00037F99E4
UniRef90_B8FXT7
UniRef90_D3DK09
UniRef90_B2VA21
UniRef90_W1SFS2
UniRef90_N0B1I2
UniRef90_M0MQ62
UniRef90_UPI0003B35E4F
UniRef90_D6Y0L6
UniRef90_C0W5P8
UniRef90_R9L0L0
UniRef90_L0FCG5
UniRef90_C1DW79
UniRef90_G4RQ89
UniRef90_Q3IR60
UniRef90_K1YE68
UniRef90_D4HC10
UniRef90_S6CE19
UniRef90_V2RN40
UniRef90_B8FU00
UniRef90_R5TIX7
UniRef90_D3RY45
UniRef90_UPI000368CEF0
UniRef90_UPI00031CCF06
UniRef90_I9NPY3
UniRef90_S6C145
UniRef90_K6D5D1
UniRef90_H9NN97
UniRef90_C8WPN4
UniRef90_F3NWZ4
UniRef90_D7GG94
UniRef90_W2BPM1
UniRef90_M1P680
UniRef90_M1ZE98
UniRef90_G9XJR5
UniRef90_R5Q3P1
UniRef90_M0BGS0
UniRef90_Q1NL66
UniRef90_F2L104
UniRef90_UPI0003601DBB
UniRef90_S9SUY6
UniRef90_D4H523
UniRef90_UPI0003B5AC70
UniRef90_W0SAI8
UniRef90_UPI0002D75246
UniRef90_A1HNB9
UniRef90_L0FDL3
UniRef90_D6E9S3
UniRef90_L9WBC3
UniRef90_U2TXA6
UniRef90_UPI0003652E1F
UniRef90_UPI0003082026
UniRef90_H0Q4M4
UniRef90_UPI0003612A54
UniRef90_UPI0002E1300E
UniRef90_A5UU81
UniRef90_L0DUX9
UniRef90_D3EML6
UniRef90_I4A4S6
UniRef90_D0D3W7
UniRef90_W7YZQ7
UniRef90_J6ISW2
UniRef90_K8W7T7
UniRef90_UPI0004754058
UniRef90_F7UWH0

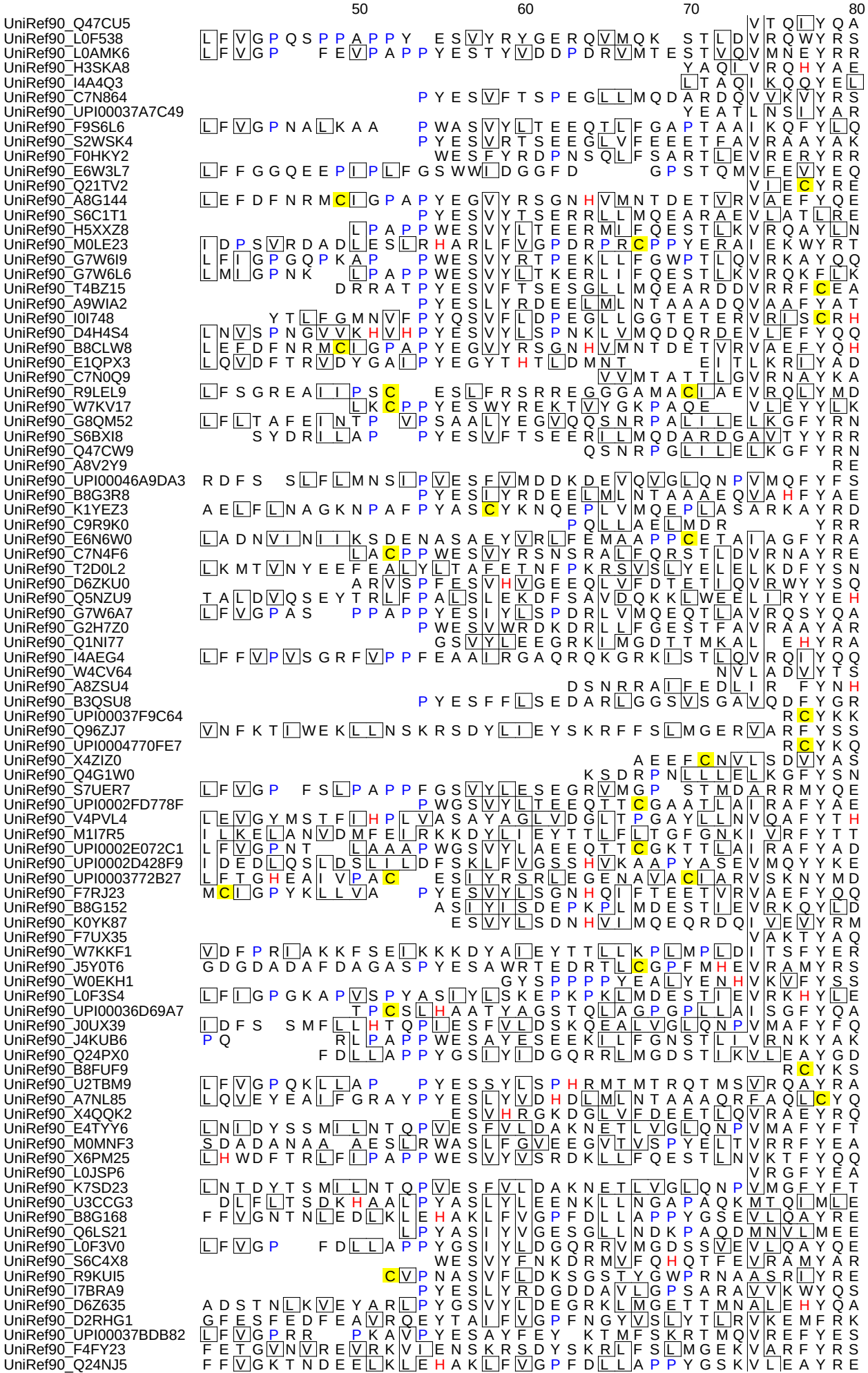

50
60
70
80
UniRef90_W0SET0
UniRef90_C8WMY9
UniRef90_F7NJR5
UniRef90_F7UW44
UniRef90_Q5NYR3
UniRef90_M1P7V2
UniRef90_F7UX01
UniRef90_C7N402
UniRef90_C7N168
UniRef90_D9Y4I7
UniRef90_B4U7B4
UniRef90_F7V6Z4
UniRef90_UPI000379787A
UniRef90_W0EG54
UniRef90_UPI00035CA061
UniRef90_R4K8T8
UniRef90_Q9Y8M0
UniRef90_K0YLJ8
UniRef90_K6V8N2
UniRef90_I0I3L6
UniRef90_I4A491
UniRef90_UPI0003B59B97
UniRef90_UPI000313096A
UniRef90_UPI0003716EB9
UniRef90_D8PI82
UniRef90_J7J5L0
UniRef90_W6EJV7
UniRef90_UPI00037F99E4
UniRef90_B8FXT7
UniRef90_D3DK09
UniRef90_B2VA21
UniRef90_W1SFS2
UniRef90_N0B1I2
UniRef90_M0MQ62
UniRef90_UPI0003B35E4F
UniRef90_D6Y0L6
UniRef90_C0W5P8
UniRef90_R9L0L0
UniRef90_L0FCG5
UniRef90_C1DW79
UniRef90_G4RQ89
UniRef90_Q3IR60
UniRef90_K1YE68
UniRef90_D4HC10
UniRef90_S6CE19
UniRef90_V2RN40
UniRef90_B8FU00
UniRef90_R5TIX7
UniRef90_D3RY45
UniRef90_UPI000368CEF0
UniRef90_UPI00031CCF06
UniRef90_I9NPY3
UniRef90_S6C145
UniRef90_K6D5D1
UniRef90_H9NN97
UniRef90_C8WPN4
UniRef90_F3NWZ4
UniRef90_D7GG94
UniRef90_W2BPM1
UniRef90_M1P680
UniRef90_M1ZE98
UniRef90_G9XJR5
UniRef90_R5Q3P1
UniRef90_M0BGS0
UniRef90_Q1NL66
UniRef90_F2L104
UniRef90_UPI0003601DBB
UniRef90_S9SUY6
UniRef90_D4H523
UniRef90_UPI0003B5AC70
UniRef90_W0SAI8
UniRef90_UPI0002D75246
UniRef90_A1HNB9
UniRef90_L0FDL3
UniRef90_D6E9S3
UniRef90_L9WBC3
UniRef90_U2TXA6
UniRef90_UPI0003652E1F
UniRef90_UPI0003082026
UniRef90_H0Q4M4
UniRef90_UPI0003612A54
UniRef90_UPI0002E1300E
UniRef90_A5UU81
UniRef90_L0DUX9
UniRef90_D3EML6
UniRef90_I4A4S6
UniRef90_D0D3W7
UniRef90_W7YZQ7
UniRef90_J6ISW2
UniRef90_K8W7T7
UniRef90_UPI0004754058
UniRef90_F7UWH0

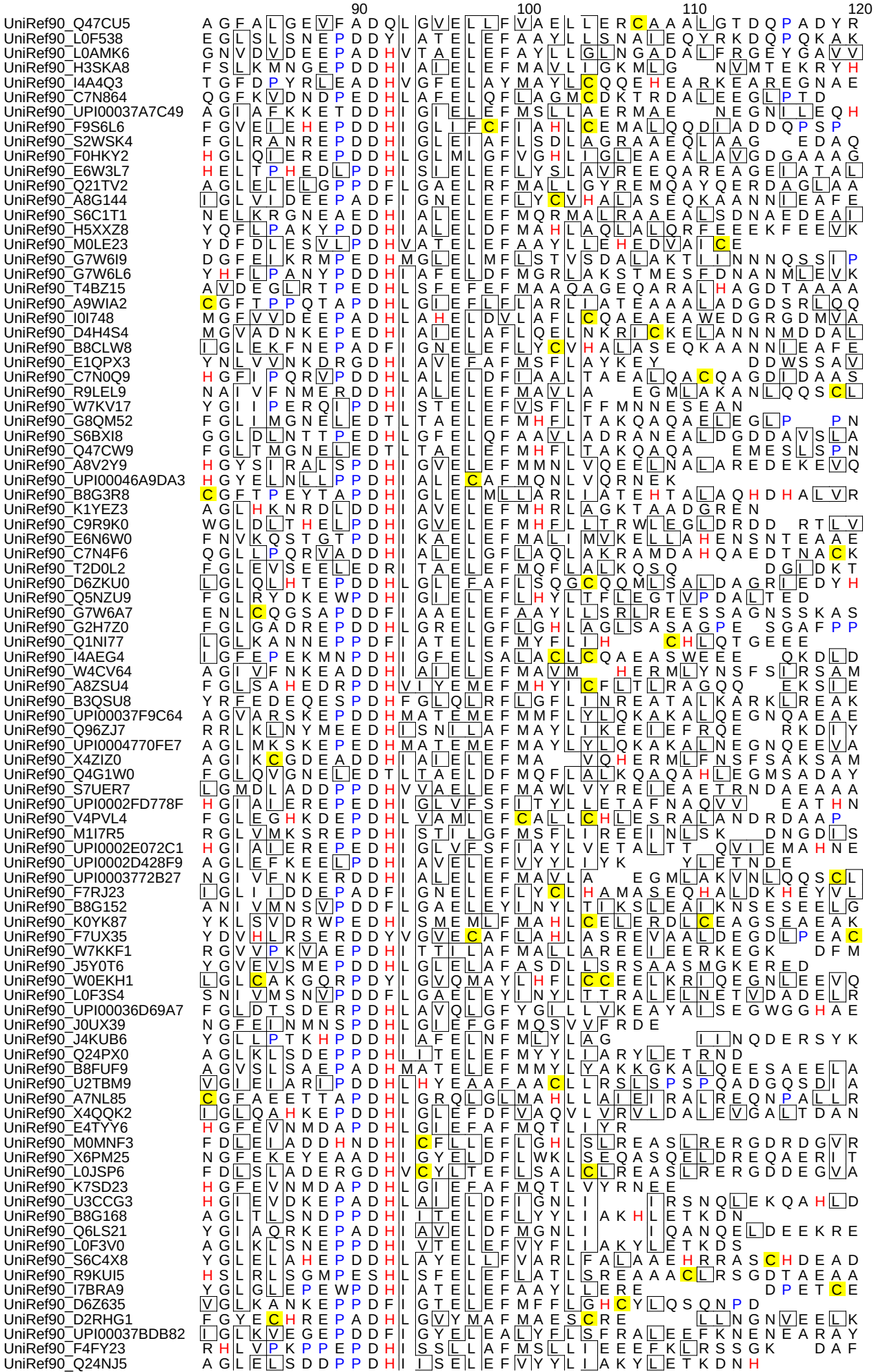

90
100
110
120
UniRef90_W0SET0
UniRef90_C8WMY9
UniRef90_F7NJR5
UniRef90_F7UW44
UniRef90_Q5NYR3
UniRef90_M1P7V2
UniRef90_F7UX01
UniRef90_C7N402
UniRef90_C7N168
UniRef90_D9Y4I7
UniRef90_B4U7B4
UniRef90_F7V6Z4
UniRef90_UPI000379787A
UniRef90_W0EG54
UniRef90_UPI00035CA061
UniRef90_R4K8T8
UniRef90_Q9Y8M0
UniRef90_K0YLJ8
UniRef90_K6V8N2
UniRef90_I0I3L6
UniRef90_I4A491
UniRef90_UPI0003B59B97
UniRef90_UPI000313096A
UniRef90_UPI0003716EB9
UniRef90_D8PI82
UniRef90_J7J5L0
UniRef90_W6EJV7
UniRef90_UPI00037F99E4
UniRef90_B8FXT7
UniRef90_D3DK09
UniRef90_B2VA21
UniRef90_W1SFS2
UniRef90_N0B1I2
UniRef90_M0MQ62
UniRef90_UPI0003B35E4F
UniRef90_D6Y0L6
UniRef90_C0W5P8
UniRef90_R9L0L0
UniRef90_L0FCG5
UniRef90_C1DW79
UniRef90_G4RQ89
UniRef90_Q3IR60
UniRef90_K1YE68
UniRef90_D4HC10
UniRef90_S6CE19
UniRef90_V2RN40
UniRef90_B8FU00
UniRef90_R5TIX7
UniRef90_D3RY45
UniRef90_UPI000368CEF0
UniRef90_UPI00031CCF06
UniRef90_I9NPY3
UniRef90_S6C145
UniRef90_K6D5D1
UniRef90_H9NN97
UniRef90_C8WPN4
UniRef90_F3NWZ4
UniRef90_D7GG94
UniRef90_W2BPM1
UniRef90_M1P680
UniRef90_M1ZE98
UniRef90_G9XJR5
UniRef90_R5Q3P1
UniRef90_M0BGS0
UniRef90_Q1NL66
UniRef90_F2L104
UniRef90_UPI0003601DBB
UniRef90_S9SUY6
UniRef90_D4H523
UniRef90_UPI0003B5AC70
UniRef90_W0SAI8
UniRef90_UPI0002D75246
UniRef90_A1HNB9
UniRef90_L0FDL3
UniRef90_D6E9S3
UniRef90_L9WBC3
UniRef90_U2TXA6
UniRef90_UPI0003652E1F
UniRef90_UPI0003082026
UniRef90_H0Q4M4
UniRef90_UPI0003612A54
UniRef90_UPI0002E1300E
UniRef90_A5UU81
UniRef90_L0DUX9
UniRef90_D3EML6
UniRef90_I4A4S6
UniRef90_D0D3W7
UniRef90_W7YZQ7
UniRef90_J6ISW2
UniRef90_K8W7T7
UniRef90_UPI0004754058
UniRef90_F7UWH0

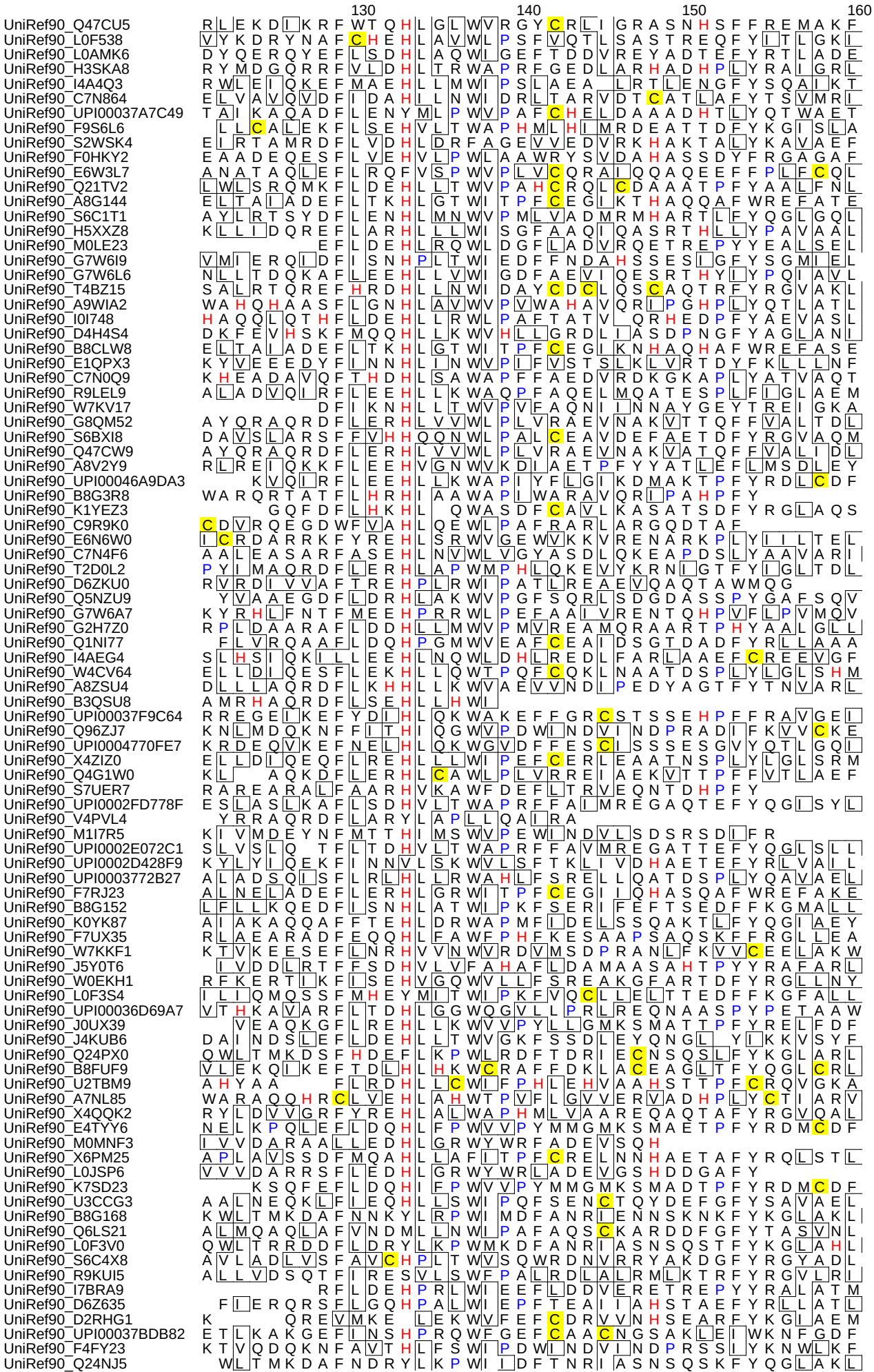

130
140
150
160
UniRef90_W0SET0
UniRef90_C8WMY9
UniRef90_F7NJR5
UniRef90_F7UW44
UniRef90_Q5NYR3
UniRef90_M1P7V2
UniRef90_F7UX01
UniRef90_C7N402
UniRef90_C7N168
UniRef90_D9Y4I7
UniRef90_B4U7B4
UniRef90_F7V6Z4
UniRef90_UPI000379787A
UniRef90_W0EG54
UniRef90_UPI00035CA061
UniRef90_R4K8T8
UniRef90_Q9Y8M0
UniRef90_K0YLJ8
UniRef90_K6V8N2
UniRef90_I0I3L6
UniRef90_I4A491
UniRef90_UPI0003B59B97
UniRef90_UPI000313096A
UniRef90_UPI0003716EB9
UniRef90_D8PI82
UniRef90_J7J5L0
UniRef90_W6EJV7
UniRef90_UPI00037F99E4
UniRef90_B8FXT7
UniRef90_D3DK09
UniRef90_B2VA21
UniRef90_W1SFS2
UniRef90_N0B1I2
UniRef90_M0MQ62
UniRef90_UPI0003B35E4F
UniRef90_D6Y0L6
UniRef90_C0W5P8
UniRef90_R9L0L0
UniRef90_L0FCG5
UniRef90_C1DW79
UniRef90_G4RQ89
UniRef90_Q3IR60
UniRef90_K1YE68
UniRef90_D4HC10
UniRef90_S6CE19
UniRef90_V2RN40
UniRef90_B8FU00
UniRef90_R5TIX7
UniRef90_D3RY45
UniRef90_UPI000368CEF0
UniRef90_UPI00031CCF06
UniRef90_I9NPY3
UniRef90_S6C145
UniRef90_K6D5D1
UniRef90_H9NN97
UniRef90_C8WPN4
UniRef90_F3NWZ4
UniRef90_D7GG94
UniRef90_W2BPM1
UniRef90_M1P680
UniRef90_M1ZE98
UniRef90_G9XJR5
UniRef90_R5Q3P1
UniRef90_M0BGS0
UniRef90_Q1NL66
UniRef90_F2L104
UniRef90_UPI0003601DBB
UniRef90_S9SUY6
UniRef90_D4H523
UniRef90_UPI0003B5AC70
UniRef90_W0SAI8
UniRef90_UPI0002D75246
UniRef90_A1HNB9
UniRef90_L0FDL3
UniRef90_D6E9S3
UniRef90_L9WBC3
UniRef90_U2TXA6
UniRef90_UPI0003652E1F
UniRef90_UPI0003082026
UniRef90_H0Q4M4
UniRef90_UPI0003612A54
UniRef90_UPI0002E1300E
UniRef90_A5UU81
UniRef90_L0DUX9
UniRef90_D3EML6
UniRef90_I4A4S6
UniRef90_D0D3W7
UniRef90_W7YZQ7
UniRef90_J6ISW2
UniRef90_K8W7T7
UniRef90_UPI0004754058
UniRef90_F7UWH0

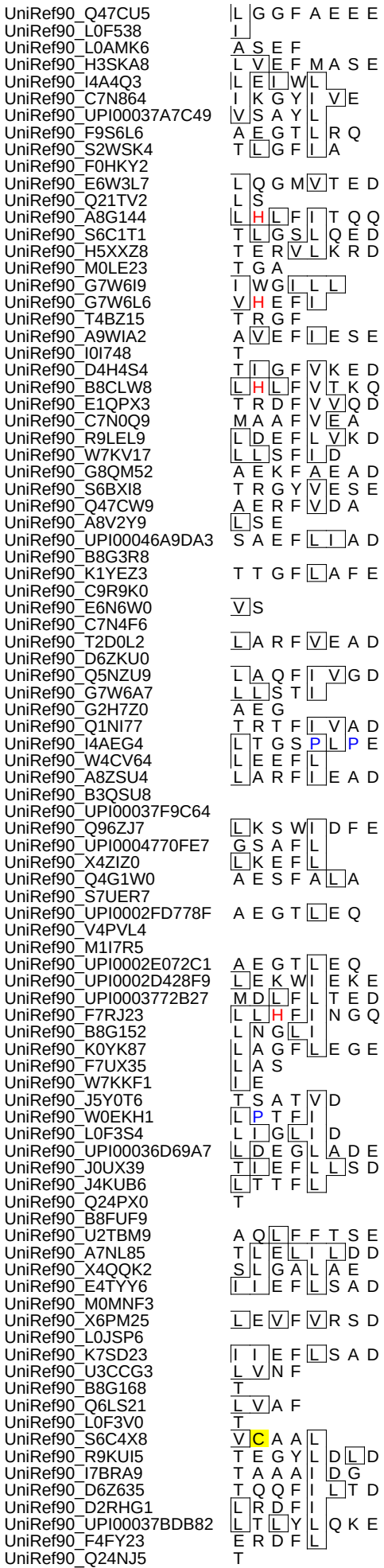

UniRef90_W0SET0 T E R F V R L E
UniRef90_C8WMY9 T E G F L Q L E
UniRef90_F7NJR5 T R E W V Q H E
UniRef90_F7UW44
UniRef90_Q5NYR3 L G G F A D E E
UniRef90_M1P7V2 A K T F L D Q E
UniRef90_F7UX01 T E A Y L K A D
UniRef90_C7N402 T S G W L E N D
UniRef90_C7N168 T D G F L
UniRef90_D9Y4I7 L E G M I E A
UniRef90_B4U7B4 T K K I L D K E
UniRef90_F7V6Z4 T T G F I
UniRef90_UPI000379787A L G K W L E L E
UniRef90_W0EG54 L N G Y L T L D
UniRef90_UPI00035CA061 G K T F L E L E
UniRef90_R4K8T8 L K E F
UniRef90_Q9Y8M0 V R P L L V E E
UniRef90_K0YLJ8
UniRef90_K6V8N2
UniRef90_I0I3L6 T A A W L H A D
UniRef90_I4A491 L K E F L D M E
UniRef90_UPI0003B59B97 T R G A L
UniRef90_UPI000313096A L S I F V E E D
UniRef90_UPI0003716EB9 L S C F I K N E
UniRef90_D8PI82 E V A F L
UniRef90_J7J5L0 L V A
UniRef90_W6EJV7 G A E F I I A D
UniRef90_UPI00037F99E4 L D R F L E R E
UniRef90_B8FXT7 T K
UniRef90_D3DK09 L R S F L D K E
UniRef90_B2VA21 I L E Q L E A E
UniRef90_W1SFS2 L E D F L
UniRef90_N0B1I2 L Q D F I E S E
UniRef90_M0MQ62 T E R F V E R D
UniRef90_UPI0003B35E4F L E G A L
UniRef90_D6Y0L6 L D G
UniRef90_C0W5P8 T L A
UniRef90_R9L0L0 V D A A L R Q
UniRef90_L0FCG5 L K G Y L A L D
UniRef90_C1DW79 T L E F I M S D
UniRef90_G4RQ89 T R E V L T Q D
UniRef90_Q3IR60 L A A L V E E
UniRef90_K1YE68 V T A F
UniRef90_D4HC10 T I A T L D E
UniRef90_S6CE19 T D G F L
UniRef90_V2RN40 L N S
UniRef90_B8FU00
UniRef90_R5TIX7 T N V F L E Q E
UniRef90_D3RY45 T K R F L D A E
UniRef90_UPI000368CEF0 T E R L V Q Q E
UniRef90_UPI00031CCF06 L K E F I S K E
UniRef90_I9NPY3 L V R F L Q T E
UniRef90_S6C145 L A A F V R N D
UniRef90_K6D5D1 L D G F I
UniRef90_H9NN97 M E Q F I R L E
UniRef90_C8WPN4 A M G F A E E D
UniRef90_F3NWZ4 T I G T L D E
UniRef90_D7GG94 S I G A L D
UniRef90_W2BPM1 T L G T I L
UniRef90_M1P680 T M S F L F N E
UniRef90_M1ZE98 L E G F L E E E
UniRef90_G9XJR5 L E I W L
UniRef90_R5Q3P1
UniRef90_M0BGS0 V E T L V T A D
UniRef90_Q1NL66 L R G V V I G
UniRef90_F2L104 T R E F L N Q D
UniRef90_UPI0003601DBB L R E F L I
UniRef90_S9SUY6 L R E F I A K E
UniRef90_D4H523 L K G F L E E D
UniRef90_UPI0003B5AC70 M R G Y L A E D
UniRef90_W0SAI8 L G G F A A E E
UniRef90_UPI0002D75246 L Q T F I S E D
UniRef90_A1HNB9 L E G F L
UniRef90_L0FDL3 I
UniRef90_D6E9S3 I
UniRef90_L9WBC3 T E S L L
UniRef90_U2TXA6 V R
UniRef90_UPI0003652E1F L
UniRef90_UPI0003082026 M E E F I D
UniRef90_H0Q4M4 L T G F A D E E
UniRef90_UPI0003612A54
UniRef90_UPI0002E1300E L D G L L D V E
UniRef90_A5UU81 T L E L I L N D
UniRef90_L0DUX9 L D R L L D D E
UniRef90_D3EML6 L E E F L A Q D
UniRef90_I4A4S6 I
UniRef90_D0D3W7 L L D P T I A Q
UniRef90_W7YZQ7 L K E F I
UniRef90_J6ISW2
UniRef90_K8W7T7 V E L F L R N D
UniRef90_UPI0004754058 L Q G F L
UniRef90_F7UWH0 L S G V L

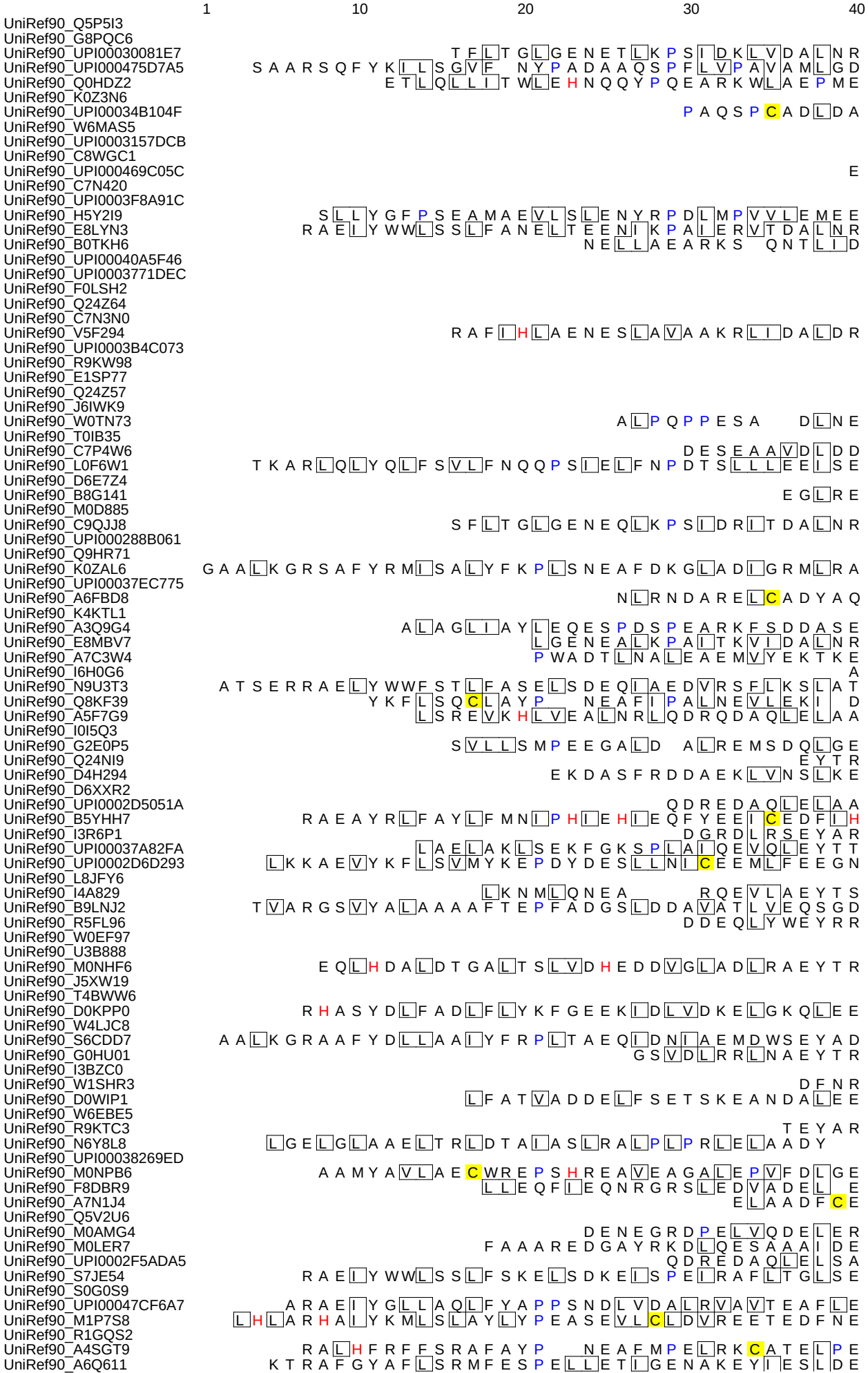

1
10
20
30
40
UniRef90_Q47CU5
UniRef90_L0F538
UniRef90_L0AMK6
UniRef90_H3SKA8
UniRef90_I4A4Q3
UniRef90_C7N864
UniRef90_UPI00037A7C49
UniRef90_F9S6L6
UniRef90_S2WSK4
UniRef90_F0HKY2
UniRef90_E6W3L7
UniRef90_Q21TV2
UniRef90_A8G144
UniRef90_S6C1T1
UniRef90_H5XXZ8
UniRef90_M0LE23
UniRef90_G7W6I9
UniRef90_G7W6L6
UniRef90_T4BZ15
UniRef90_A9WIA2
UniRef90_I0I748
UniRef90_D4H4S4
UniRef90_B8CLW8
UniRef90_E1QPX3
UniRef90_C7N0Q9
UniRef90_R9LEL9
UniRef90_W7KV17
UniRef90_G8QM52
UniRef90_S6BXI8
UniRef90_Q47CW9
UniRef90_A8V2Y9
UniRef90_UPI00046A9DA3
UniRef90_B8G3R8
UniRef90_K1YEZ3
UniRef90_C9R9K0
UniRef90_E6N6W0
UniRef90_C7N4F6
UniRef90_T2D0L2
UniRef90_D6ZKU0
UniRef90_Q5NZU9
UniRef90_G7W6A7
UniRef90_G2H7Z0
UniRef90_Q1NI77
UniRef90_I4AEG4
UniRef90_W4CV64
UniRef90_A8ZSU4
UniRef90_B3QSU8
UniRef90_UPI00037F9C64
UniRef90_Q96ZJ7
UniRef90_UPI0004770FE7
UniRef90_X4ZIZ0
UniRef90_Q4G1W0
UniRef90_S7UER7
UniRef90_UPI0002FD778F
UniRef90_V4PVL4
UniRef90_M1I7R5
UniRef90_UPI0002E072C1
UniRef90_UPI0002D428F9
UniRef90_UPI0003772B27
UniRef90_F7RJ23
UniRef90_B8G152
UniRef90_K0YK87
UniRef90_F7UX35
UniRef90_W7KKF1
UniRef90_J5Y0T6
UniRef90_W0EKH1
UniRef90_L0F3S4
UniRef90_UPI00036D69A7
UniRef90_J0UX39
UniRef90_J4KUB6
UniRef90_Q24PX0
UniRef90_B8FUF9
UniRef90_U2TBM9
UniRef90_A7NL85
UniRef90_X4QQK2
UniRef90_E4TYY6
UniRef90_M0MNF3
UniRef90_X6PM25
UniRef90_L0JSP6
UniRef90_K7SD23
UniRef90_U3CCG3
UniRef90_B8G168
UniRef90_Q6LS21
UniRef90_L0F3V0
UniRef90_S6C4X8
UniRef90_R9KUI5
UniRef90_I7BRA9
UniRef90_D6Z635
UniRef90_D2RHG1
UniRef90_UPI00037BDB82
UniRef90_F4FY23
UniRef90_Q24NJ5

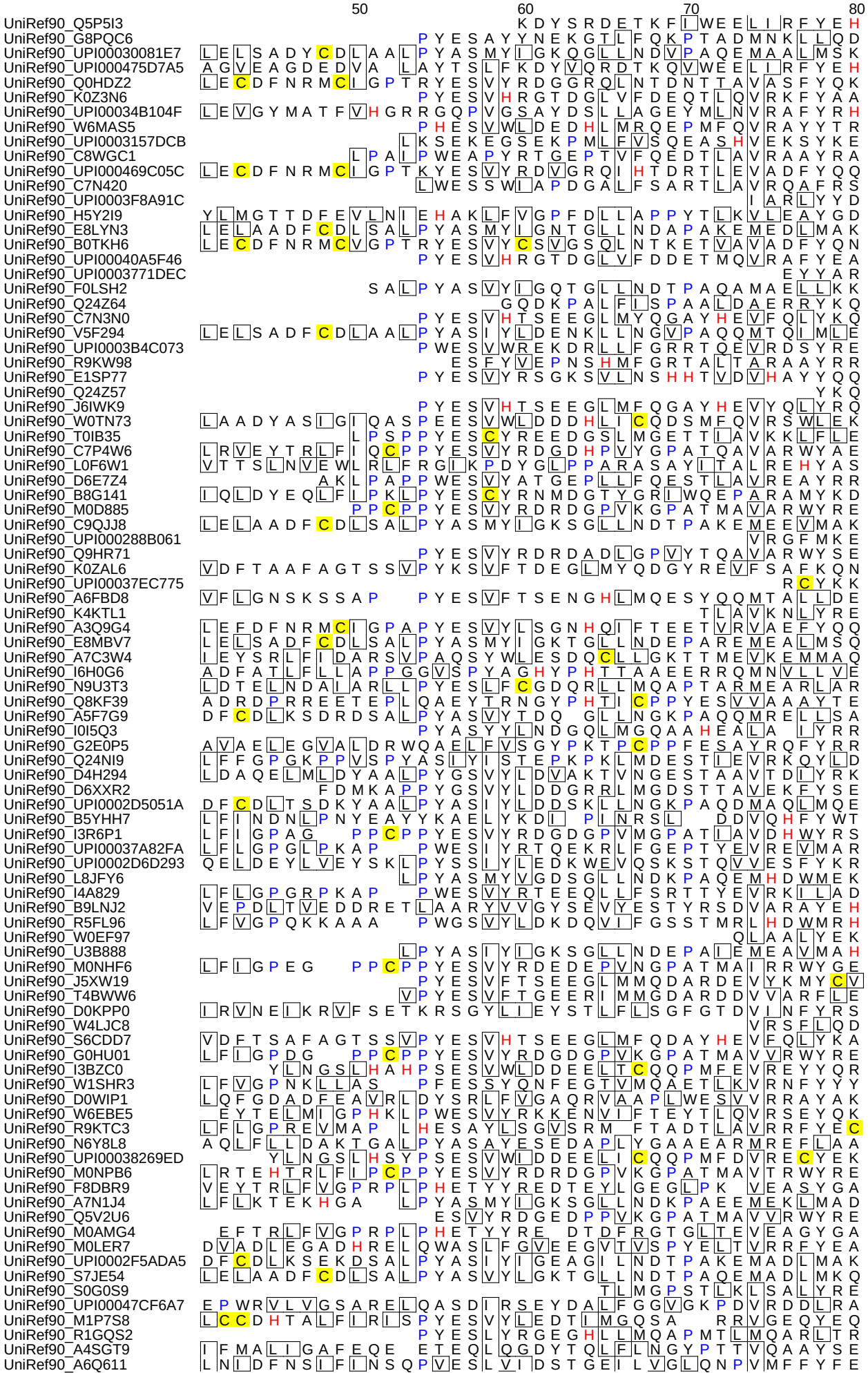

50
60
70
80
UniRef90_Q47CU5
UniRef90_L0F538
UniRef90_L0AMK6
UniRef90_H3SKA8
UniRef90_I4A4Q3
UniRef90_C7N864
UniRef90_UPI00037A7C49
UniRef90_F9S6L6
UniRef90_S2WSK4
UniRef90_F0HKY2
UniRef90_E6W3L7
UniRef90_Q21TV2
UniRef90_A8G144
UniRef90_S6C1T1
UniRef90_H5XXZ8
UniRef90_M0LE23
UniRef90_G7W6I9
UniRef90_G7W6L6
UniRef90_T4BZ15
UniRef90_A9WIA2
UniRef90_I0I748
UniRef90_D4H4S4
UniRef90_B8CLW8
UniRef90_E1QPX3
UniRef90_C7N0Q9
UniRef90_R9LEL9
UniRef90_W7KV17
UniRef90_G8QM52
UniRef90_S6BXI8
UniRef90_Q47CW9
UniRef90_A8V2Y9
UniRef90_UPI00046A9DA3
UniRef90_B8G3R8
UniRef90_K1YEZ3
UniRef90_C9R9K0
UniRef90_E6N6W0
UniRef90_C7N4F6
UniRef90_T2D0L2
UniRef90_D6ZKU0
UniRef90_Q5NZU9
UniRef90_G7W6A7
UniRef90_G2H7Z0
UniRef90_Q1NI77
UniRef90_I4AEG4
UniRef90_W4CV64
UniRef90_A8ZSU4
UniRef90_B3QSU8
UniRef90_UPI00037F9C64
UniRef90_Q96ZJ7
UniRef90_UPI0004770FE7
UniRef90_X4ZIZ0
UniRef90_Q4G1W0
UniRef90_S7UER7
UniRef90_UPI0002FD778F
UniRef90_V4PVL4
UniRef90_M1I7R5
UniRef90_UPI0002E072C1
UniRef90_UPI0002D428F9
UniRef90_UPI0003772B27
UniRef90_F7RJ23
UniRef90_B8G152
UniRef90_K0YK87
UniRef90_F7UX35
UniRef90_W7KKF1
UniRef90_J5Y0T6
UniRef90_W0EKH1
UniRef90_L0F3S4
UniRef90_UPI00036D69A7
UniRef90_J0UX39
UniRef90_J4KUB6
UniRef90_Q24PX0
UniRef90_B8FUF9
UniRef90_U2TBM9
UniRef90_A7NL85
UniRef90_X4QQK2
UniRef90_E4TYY6
UniRef90_M0MNF3
UniRef90_X6PM25
UniRef90_L0JSP6
UniRef90_K7SD23
UniRef90_U3CCG3
UniRef90_B8G168
UniRef90_Q6LS21
UniRef90_L0F3V0
UniRef90_S6C4X8
UniRef90_R9KUI5
UniRef90_I7BRA9
UniRef90_D6Z635
UniRef90_D2RHG1
UniRef90_UPI00037BDB82
UniRef90_F4FY23
UniRef90_Q24NJ5

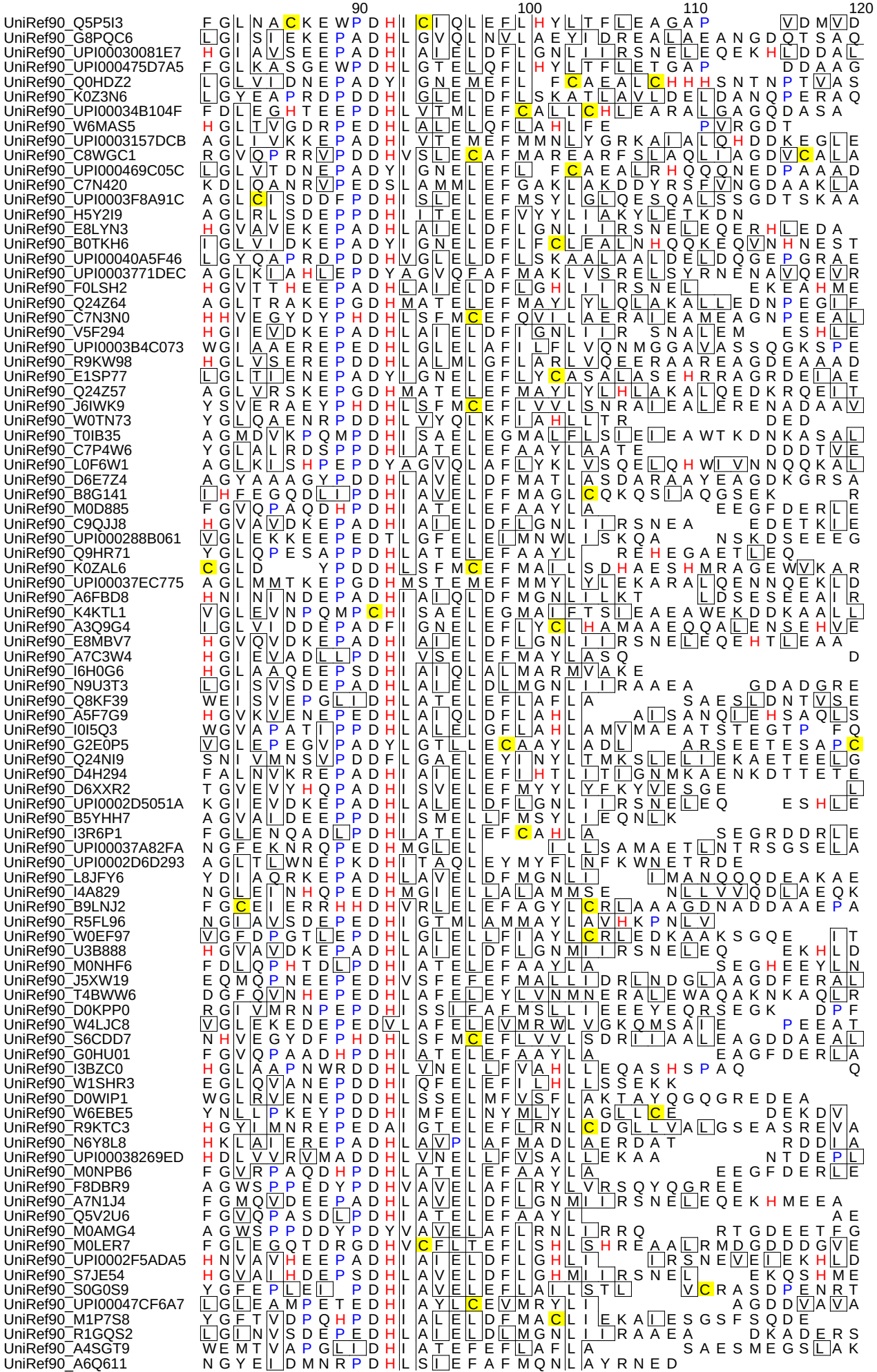

90
100
110
120
UniRef90_Q47CU5
UniRef90_L0F538
UniRef90_L0AMK6
UniRef90_H3SKA8
UniRef90_I4A4Q3
UniRef90_C7N864
UniRef90_UPI00037A7C49
UniRef90_F9S6L6
UniRef90_S2WSK4
UniRef90_F0HKY2
UniRef90_E6W3L7
UniRef90_Q21TV2
UniRef90_A8G144
UniRef90_S6C1T1
UniRef90_H5XXZ8
UniRef90_M0LE23
UniRef90_G7W6I9
UniRef90_G7W6L6
UniRef90_T4BZ15
UniRef90_A9WIA2
UniRef90_I0I748
UniRef90_D4H4S4
UniRef90_B8CLW8
UniRef90_E1QPX3
UniRef90_C7N0Q9
UniRef90_R9LEL9
UniRef90_W7KV17
UniRef90_G8QM52
UniRef90_S6BXI8
UniRef90_Q47CW9
UniRef90_A8V2Y9
UniRef90_UPI00046A9DA3
UniRef90_B8G3R8
UniRef90_K1YEZ3
UniRef90_C9R9K0
UniRef90_E6N6W0
UniRef90_C7N4F6
UniRef90_T2D0L2
UniRef90_D6ZKU0
UniRef90_Q5NZU9
UniRef90_G7W6A7
UniRef90_G2H7Z0
UniRef90_Q1NI77
UniRef90_I4AEG4
UniRef90_W4CV64
UniRef90_A8ZSU4
UniRef90_B3QSU8
UniRef90_UPI00037F9C64
UniRef90_Q96ZJ7
UniRef90_UPI0004770FE7
UniRef90_X4ZIZ0
UniRef90_Q4G1W0
UniRef90_S7UER7
UniRef90_UPI0002FD778F
UniRef90_V4PVL4
UniRef90_M1I7R5
UniRef90_UPI0002E072C1
UniRef90_UPI0002D428F9
UniRef90_UPI0003772B27
UniRef90_F7RJ23
UniRef90_B8G152
UniRef90_K0YK87
UniRef90_F7UX35
UniRef90_W7KKF1
UniRef90_J5Y0T6
UniRef90_W0EKH1
UniRef90_L0F3S4
UniRef90_UPI00036D69A7
UniRef90_J0UX39
UniRef90_J4KUB6
UniRef90_Q24PX0
UniRef90_B8FUF9
UniRef90_U2TBM9
UniRef90_A7NL85
UniRef90_X4QQK2
UniRef90_E4TYY6
UniRef90_M0MNF3
UniRef90_X6PM25
UniRef90_L0JSP6
UniRef90_K7SD23
UniRef90_U3CCG3
UniRef90_B8G168
UniRef90_Q6LS21
UniRef90_L0F3V0
UniRef90_S6C4X8
UniRef90_R9KUI5
UniRef90_I7BRA9
UniRef90_D6Z635
UniRef90_D2RHG1
UniRef90_UPI00037BDB82
UniRef90_F4FY23
UniRef90_Q24NJ5

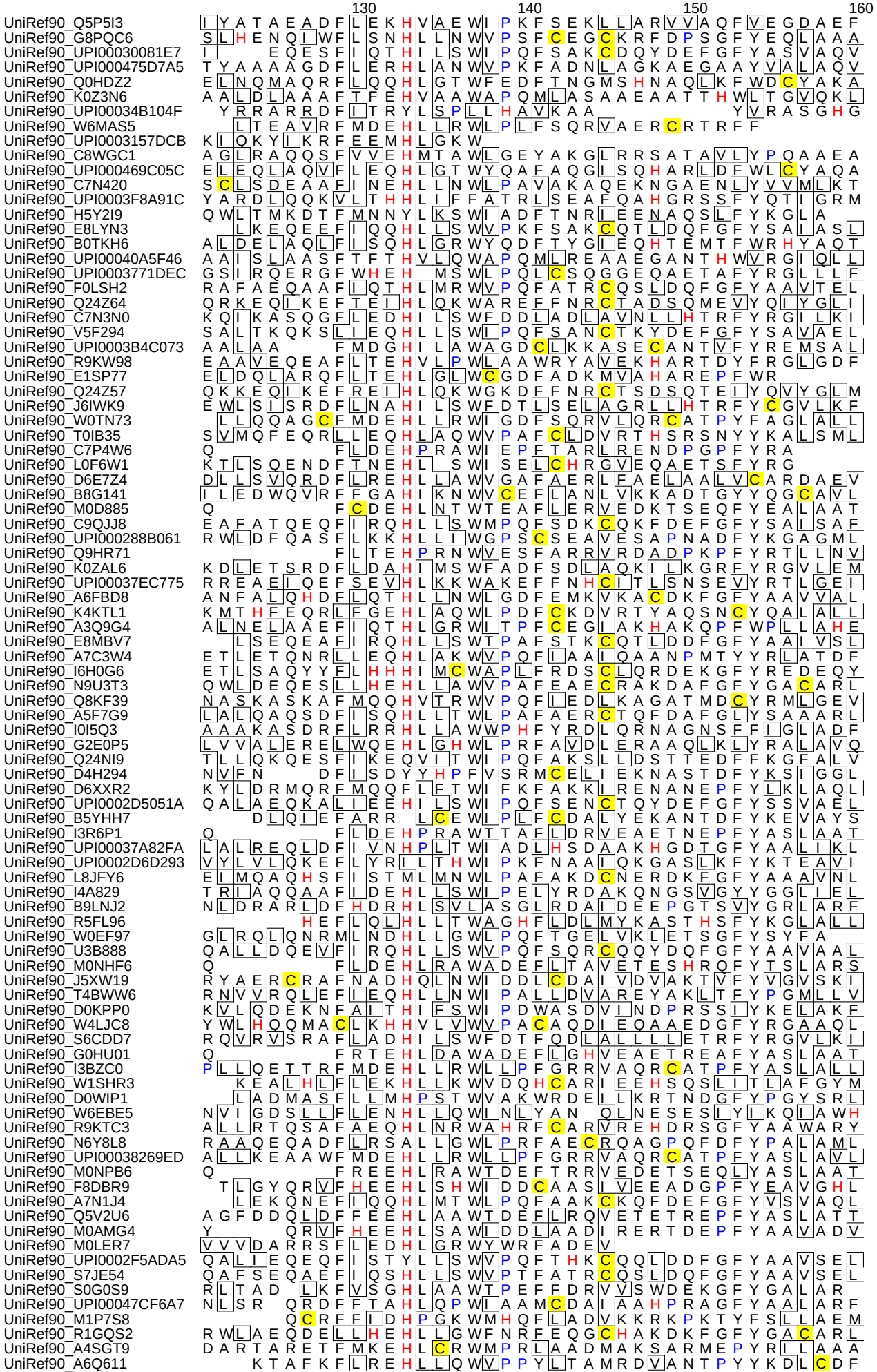

130
140
150
160
UniRef90_Q47CU5
UniRef90_L0F538
UniRef90_L0AMK6
UniRef90_H3SKA8
UniRef90_I4A4Q3
UniRef90_C7N864
UniRef90_UPI00037A7C49
UniRef90_F9S6L6
UniRef90_S2WSK4
UniRef90_F0HKY2
UniRef90_E6W3L7
UniRef90_Q21TV2
UniRef90_A8G144
UniRef90_S6C1T1
UniRef90_H5XXZ8
UniRef90_M0LE23
UniRef90_G7W6I9
UniRef90_G7W6L6
UniRef90_T4BZ15
UniRef90_A9WIA2
UniRef90_I0I748
UniRef90_D4H4S4
UniRef90_B8CLW8
UniRef90_E1QPX3
UniRef90_C7N0Q9
UniRef90_R9LEL9
UniRef90_W7KV17
UniRef90_G8QM52
UniRef90_S6BXI8
UniRef90_Q47CW9
UniRef90_A8V2Y9
UniRef90_UPI00046A9DA3
UniRef90_B8G3R8
UniRef90_K1YEZ3
UniRef90_C9R9K0
UniRef90_E6N6W0
UniRef90_C7N4F6
UniRef90_T2D0L2
UniRef90_D6ZKU0
UniRef90_Q5NZU9
UniRef90_G7W6A7
UniRef90_G2H7Z0
UniRef90_Q1NI77
UniRef90_I4AEG4
UniRef90_W4CV64
UniRef90_A8ZSU4
UniRef90_B3QSU8
UniRef90_UPI00037F9C64
UniRef90_Q96ZJ7
UniRef90_UPI0004770FE7
UniRef90_X4ZIZ0
UniRef90_Q4G1W0
UniRef90_S7UER7
UniRef90_UPI0002FD778F
UniRef90_V4PVL4
UniRef90_M1I7R5
UniRef90_UPI0002E072C1
UniRef90_UPI0002D428F9
UniRef90_UPI0003772B27
UniRef90_F7RJ23
UniRef90_B8G152
UniRef90_K0YK87
UniRef90_F7UX35
UniRef90_W7KKF1
UniRef90_J5Y0T6
UniRef90_W0EKH1
UniRef90_L0F3S4
UniRef90_UPI00036D69A7
UniRef90_J0UX39
UniRef90_J4KUB6
UniRef90_Q24PX0
UniRef90_B8FUF9
UniRef90_U2TBM9
UniRef90_A7NL85
UniRef90_X4QQK2
UniRef90_E4TYY6
UniRef90_M0MNF3
UniRef90_X6PM25
UniRef90_L0JSP6
UniRef90_K7SD23
UniRef90_U3CCG3
UniRef90_B8G168
UniRef90_Q6LS21
UniRef90_L0F3V0
UniRef90_S6C4X8
UniRef90_R9KUI5
UniRef90_I7BRA9
UniRef90_D6Z635
UniRef90_D2RHG1
UniRef90_UPI00037BDB82
UniRef90_F4FY23
UniRef90_Q24NJ5

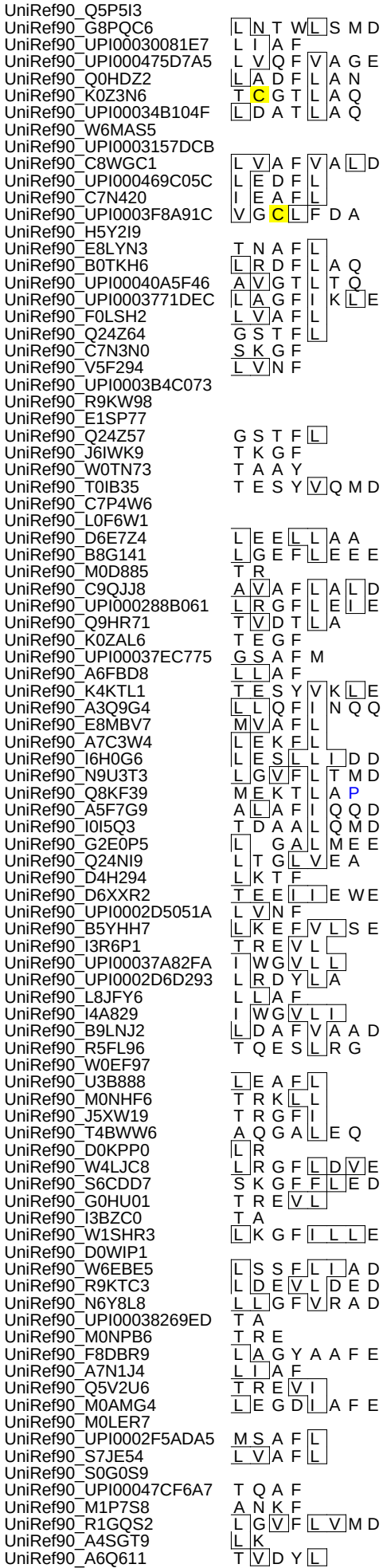

UniRef90_Q47CU5
UniRef90_L0F538
UniRef90_L0AMK6
UniRef90_H3SKA8
UniRef90_I4A4Q3
UniRef90_C7N864
UniRef90_UPI00037A7C49
UniRef90_F9S6L6
UniRef90_S2WSK4
UniRef90_F0HKY2
UniRef90_E6W3L7
UniRef90_Q21TV2
UniRef90_A8G144
UniRef90_S6C1T1
UniRef90_H5XXZ8
UniRef90_M0LE23
UniRef90_G7W6I9
UniRef90_G7W6L6
UniRef90_T4BZ15
UniRef90_A9WIA2
UniRef90_I0I748
UniRef90_D4H4S4
UniRef90_B8CLW8
UniRef90_E1QPX3
UniRef90_C7N0Q9
UniRef90_R9LEL9
UniRef90_W7KV17
UniRef90_G8QM52
UniRef90_S6BXI8
UniRef90_Q47CW9
UniRef90_A8V2Y9
UniRef90_UPI00046A9DA3
UniRef90_B8G3R8
UniRef90_K1YEZ3
UniRef90_C9R9K0
UniRef90_E6N6W0
UniRef90_C7N4F6
UniRef90_T2D0L2
UniRef90_D6ZKU0
UniRef90_Q5NZU9
UniRef90_G7W6A7
UniRef90_G2H7Z0
UniRef90_Q1NI77
UniRef90_I4AEG4
UniRef90_W4CV64
UniRef90_A8ZSU4
UniRef90_B3QSU8
UniRef90_UPI00037F9C64
UniRef90_Q96ZJ7
UniRef90_UPI0004770FE7
UniRef90_X4ZIZ0
UniRef90_Q4G1W0
UniRef90_S7UER7
UniRef90_UPI0002FD778F
UniRef90_V4PVL4
UniRef90_M1I7R5
UniRef90_UPI0002E072C1
UniRef90_UPI0002D428F9
UniRef90_UPI0003772B27
UniRef90_F7RJ23
UniRef90_B8G152
UniRef90_K0YK87
UniRef90_F7UX35
UniRef90_W7KKF1
UniRef90_J5Y0T6
UniRef90_W0EKH1
UniRef90_L0F3S4
UniRef90_UPI00036D69A7
UniRef90_J0UX39
UniRef90_J4KUB6
UniRef90_Q24PX0
UniRef90_B8FUF9
UniRef90_U2TBM9
UniRef90_A7NL85
UniRef90_X4QQK2
UniRef90_E4TYY6
UniRef90_M0MNF3
UniRef90_X6PM25
UniRef90_L0JSP6
UniRef90_K7SD23
UniRef90_U3CCG3
UniRef90_B8G168
UniRef90_Q6LS21
UniRef90_L0F3V0
UniRef90_S6C4X8
UniRef90_R9KUI5
UniRef90_I7BRA9
UniRef90_D6Z635
UniRef90_D2RHG1
UniRef90_UPI00037BDB82
UniRef90_F4FY23
UniRef90_Q24NJ5

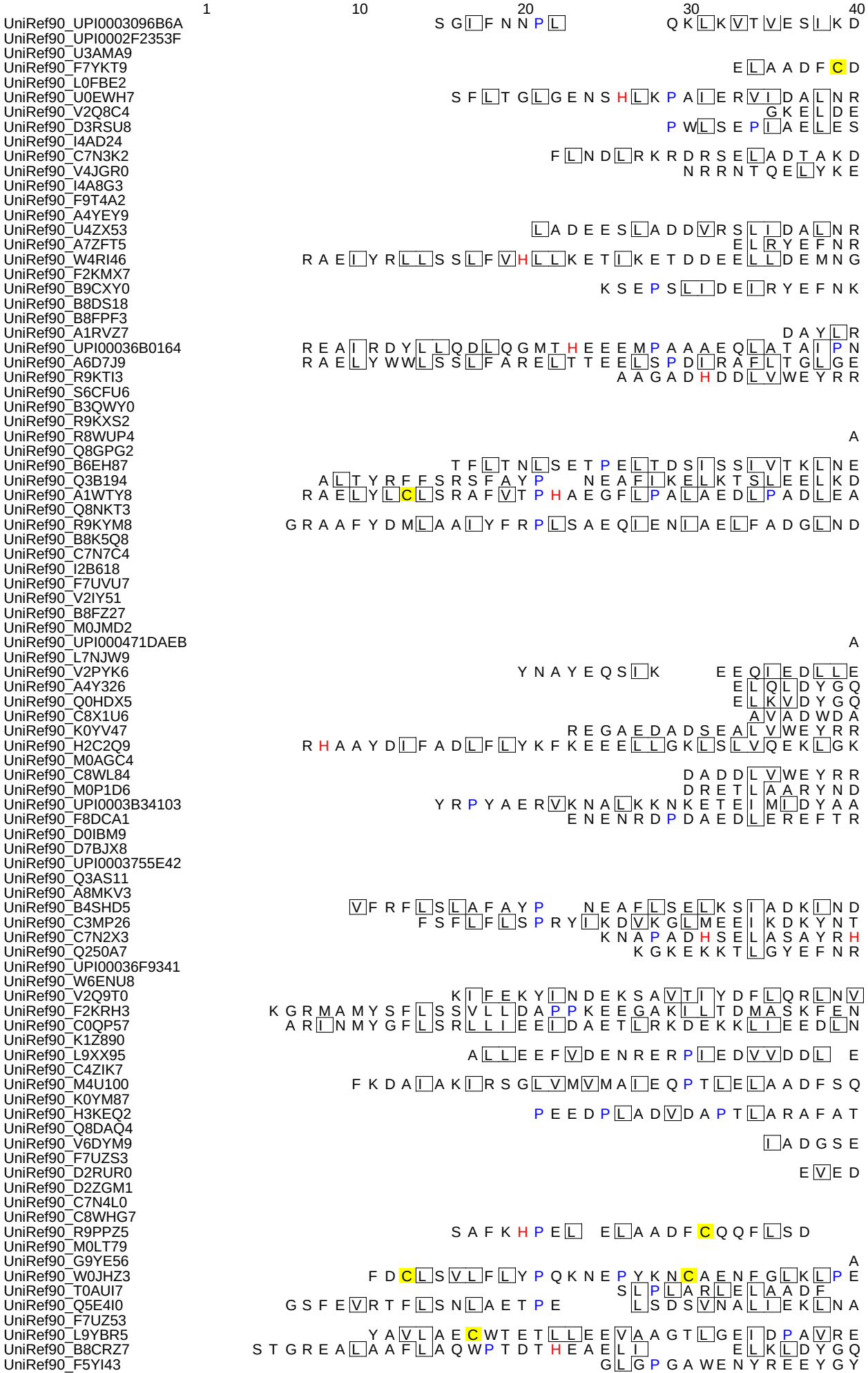

1
10
20
30
40
UniRef90_Q5P5I3
UniRef90_G8PQC6
UniRef90_UPI00030081E7
UniRef90_UPI000475D7A5
UniRef90_Q0HDZ2
UniRef90_K0Z3N6
UniRef90_UPI00034B104F
UniRef90_W6MAS5
UniRef90_UPI0003157DCB
UniRef90_C8WGC1
UniRef90_UPI000469C05C
UniRef90_C7N420
UniRef90_UPI0003F8A91C
UniRef90_H5Y2I9
UniRef90_E8LYN3
UniRef90_B0TKH6
UniRef90_UPI00040A5F46
UniRef90_UPI0003771DEC
UniRef90_F0LSH2
UniRef90_Q24Z64
UniRef90_C7N3N0
UniRef90_V5F294
UniRef90_UPI0003B4C073
UniRef90_R9KW98
UniRef90_E1SP77
UniRef90_Q24Z57
UniRef90_J6IWK9
UniRef90_W0TN73
UniRef90_T0IB35
UniRef90_C7P4W6
UniRef90_L0F6W1
UniRef90_D6E7Z4
UniRef90_B8G141
UniRef90_M0D885
UniRef90_C9QJJ8
UniRef90_UPI000288B061
UniRef90_Q9HR71
UniRef90_K0ZAL6
UniRef90_UPI00037EC775
UniRef90_A6FBD8
UniRef90_K4KTL1
UniRef90_A3Q9G4
UniRef90_E8MBV7
UniRef90_A7C3W4
UniRef90_I6H0G6
UniRef90_N9U3T3
UniRef90_Q8KF39
UniRef90_A5F7G9
UniRef90_I0I5Q3
UniRef90_G2E0P5
UniRef90_Q24NI9
UniRef90_D4H294
UniRef90_D6XXR2
UniRef90_UPI0002D5051A
UniRef90_B5YHH7
UniRef90_I3R6P1
UniRef90_UPI00037A82FA
UniRef90_UPI0002D6D293
UniRef90_L8JFY6
UniRef90_I4A829
UniRef90_B9LNJ2
UniRef90_R5FL96
UniRef90_W0EF97
UniRef90_U3B888
UniRef90_M0NHF6
UniRef90_J5XW19
UniRef90_T4BWW6
UniRef90_D0KPP0
UniRef90_W4LJC8
UniRef90_S6CDD7
UniRef90_G0HU01
UniRef90_I3BZC0
UniRef90_W1SHR3
UniRef90_D0WIP1
UniRef90_W6EBE5
UniRef90_R9KTC3
UniRef90_N6Y8L8
UniRef90_UPI00038269ED
UniRef90_M0NPB6
UniRef90_F8DBR9
UniRef90_A7N1J4
UniRef90_Q5V2U6
UniRef90_M0AMG4
UniRef90_M0LER7
UniRef90_UPI0002F5ADA5
UniRef90_S7JE54
UniRef90_S0G0S9
UniRef90_UPI00047CF6A7
UniRef90_M1P7S8
UniRef90_R1GQS2
UniRef90_A4SGT9
UniRef90_A6Q611

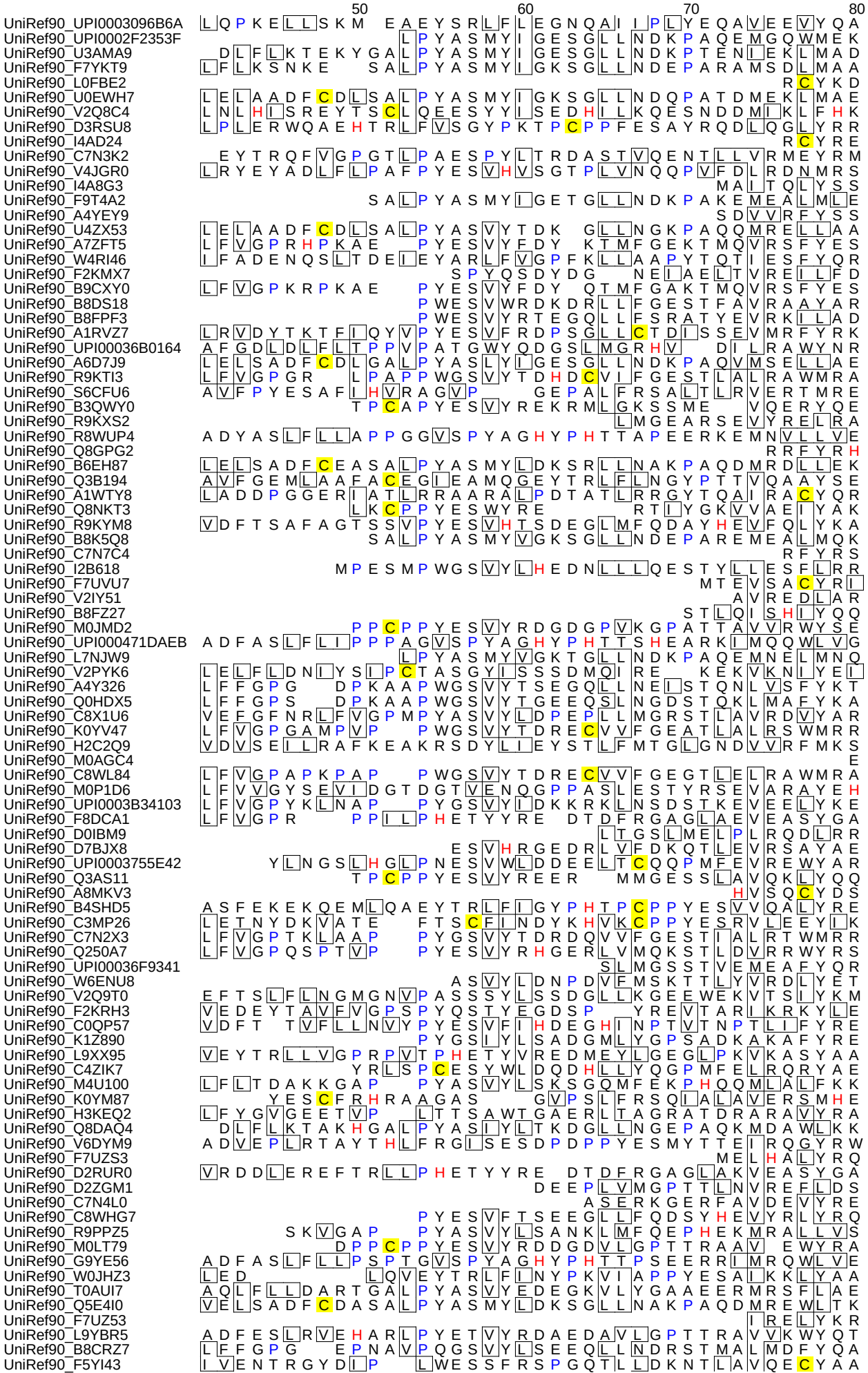

50
60
70
80
UniRef90_Q5P5I3
UniRef90_G8PQC6
UniRef90_UPI00030081E7
UniRef90_UPI000475D7A5
UniRef90_Q0HDZ2
UniRef90_K0Z3N6
UniRef90_UPI00034B104F
UniRef90_W6MAS5
UniRef90_UPI0003157DCB
UniRef90_C8WGC1
UniRef90_UPI000469C05C
UniRef90_C7N420
UniRef90_UPI0003F8A91C
UniRef90_H5Y2I9
UniRef90_E8LYN3
UniRef90_B0TKH6
UniRef90_UPI00040A5F46
UniRef90_UPI0003771DEC
UniRef90_F0LSH2
UniRef90_Q24Z64
UniRef90_C7N3N0
UniRef90_V5F294
UniRef90_UPI0003B4C073
UniRef90_R9KW98
UniRef90_E1SP77
UniRef90_Q24Z57
UniRef90_J6IWK9
UniRef90_W0TN73
UniRef90_T0IB35
UniRef90_C7P4W6
UniRef90_L0F6W1
UniRef90_D6E7Z4
UniRef90_B8G141
UniRef90_M0D885
UniRef90_C9QJJ8
UniRef90_UPI000288B061
UniRef90_Q9HR71
UniRef90_K0ZAL6
UniRef90_UPI00037EC775
UniRef90_A6FBD8
UniRef90_K4KTL1
UniRef90_A3Q9G4
UniRef90_E8MBV7
UniRef90_A7C3W4
UniRef90_I6H0G6
UniRef90_N9U3T3
UniRef90_Q8KF39
UniRef90_A5F7G9
UniRef90_I0I5Q3
UniRef90_G2E0P5
UniRef90_Q24NI9
UniRef90_D4H294
UniRef90_D6XXR2
UniRef90_UPI0002D5051A
UniRef90_B5YHH7
UniRef90_I3R6P1
UniRef90_UPI00037A82FA
UniRef90_UPI0002D6D293
UniRef90_L8JFY6
UniRef90_I4A829
UniRef90_B9LNJ2
UniRef90_R5FL96
UniRef90_W0EF97
UniRef90_U3B888
UniRef90_M0NHF6
UniRef90_J5XW19
UniRef90_T4BWW6
UniRef90_D0KPP0
UniRef90_W4LJC8
UniRef90_S6CDD7
UniRef90_G0HU01
UniRef90_I3BZC0
UniRef90_W1SHR3
UniRef90_D0WIP1
UniRef90_W6EBE5
UniRef90_R9KTC3
UniRef90_N6Y8L8
UniRef90_UPI00038269ED
UniRef90_M0NPB6
UniRef90_F8DBR9
UniRef90_A7N1J4
UniRef90_Q5V2U6
UniRef90_M0AMG4
UniRef90_M0LER7
UniRef90_UPI0002F5ADA5
UniRef90_S7JE54
UniRef90_S0G0S9
UniRef90_UPI00047CF6A7
UniRef90_M1P7S8
UniRef90_R1GQS2
UniRef90_A4SGT9
UniRef90_A6Q611

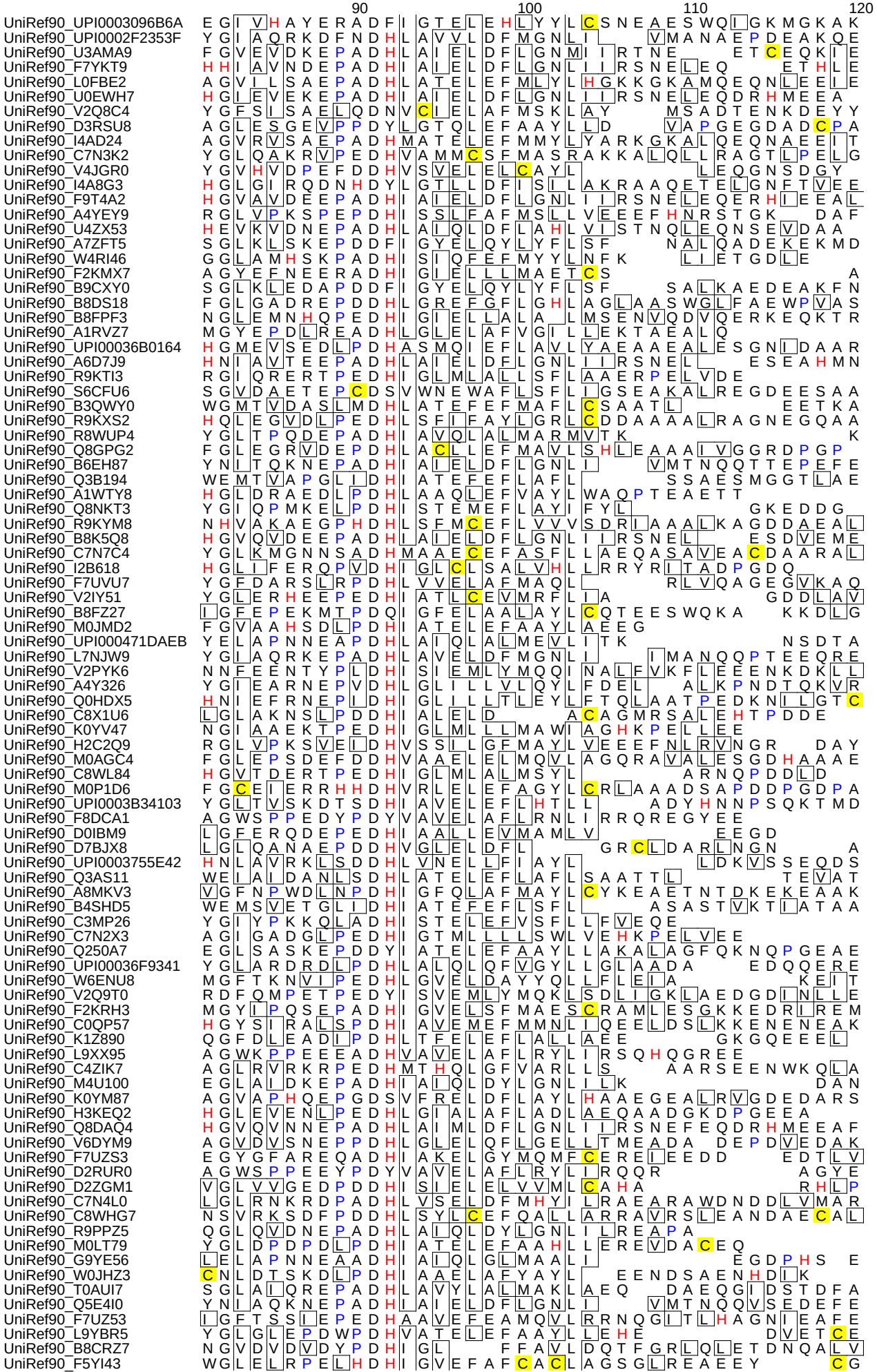

90
100
110
120
UniRef90_Q5P5I3
UniRef90_G8PQC6
UniRef90_UPI00030081E7
UniRef90_UPI000475D7A5
UniRef90_Q0HDZ2
UniRef90_K0Z3N6
UniRef90_UPI00034B104F
UniRef90_W6MAS5
UniRef90_UPI0003157DCB
UniRef90_C8WGC1
UniRef90_UPI000469C05C
UniRef90_C7N420
UniRef90_UPI0003F8A91C
UniRef90_H5Y2I9
UniRef90_E8LYN3
UniRef90_B0TKH6
UniRef90_UPI00040A5F46
UniRef90_UPI0003771DEC
UniRef90_F0LSH2
UniRef90_Q24Z64
UniRef90_C7N3N0
UniRef90_V5F294
UniRef90_UPI0003B4C073
UniRef90_R9KW98
UniRef90_E1SP77
UniRef90_Q24Z57
UniRef90_J6IWK9
UniRef90_W0TN73
UniRef90_T0IB35
UniRef90_C7P4W6
UniRef90_L0F6W1
UniRef90_D6E7Z4
UniRef90_B8G141
UniRef90_M0D885
UniRef90_C9QJJ8
UniRef90_UPI000288B061
UniRef90_Q9HR71
UniRef90_K0ZAL6
UniRef90_UPI00037EC775
UniRef90_A6FBD8
UniRef90_K4KTL1
UniRef90_A3Q9G4
UniRef90_E8MBV7
UniRef90_A7C3W4
UniRef90_I6H0G6
UniRef90_N9U3T3
UniRef90_Q8KF39
UniRef90_A5F7G9
UniRef90_I0I5Q3
UniRef90_G2E0P5
UniRef90_Q24NI9
UniRef90_D4H294
UniRef90_D6XXR2
UniRef90_UPI0002D5051A
UniRef90_B5YHH7
UniRef90_I3R6P1
UniRef90_UPI00037A82FA
UniRef90_UPI0002D6D293
UniRef90_L8JFY6
UniRef90_I4A829
UniRef90_B9LNJ2
UniRef90_R5FL96
UniRef90_W0EF97
UniRef90_U3B888
UniRef90_M0NHF6
UniRef90_J5XW19
UniRef90_T4BWW6
UniRef90_D0KPP0
UniRef90_W4LJC8
UniRef90_S6CDD7
UniRef90_G0HU01
UniRef90_I3BZC0
UniRef90_W1SHR3
UniRef90_D0WIP1
UniRef90_W6EBE5
UniRef90_R9KTC3
UniRef90_N6Y8L8
UniRef90_UPI00038269ED
UniRef90_M0NPB6
UniRef90_F8DBR9
UniRef90_A7N1J4
UniRef90_Q5V2U6
UniRef90_M0AMG4
UniRef90_M0LER7
UniRef90_UPI0002F5ADA5
UniRef90_S7JE54
UniRef90_S0G0S9
UniRef90_UPI00047CF6A7
UniRef90_M1P7S8
UniRef90_R1GQS2
UniRef90_A4SGT9
UniRef90_A6Q611

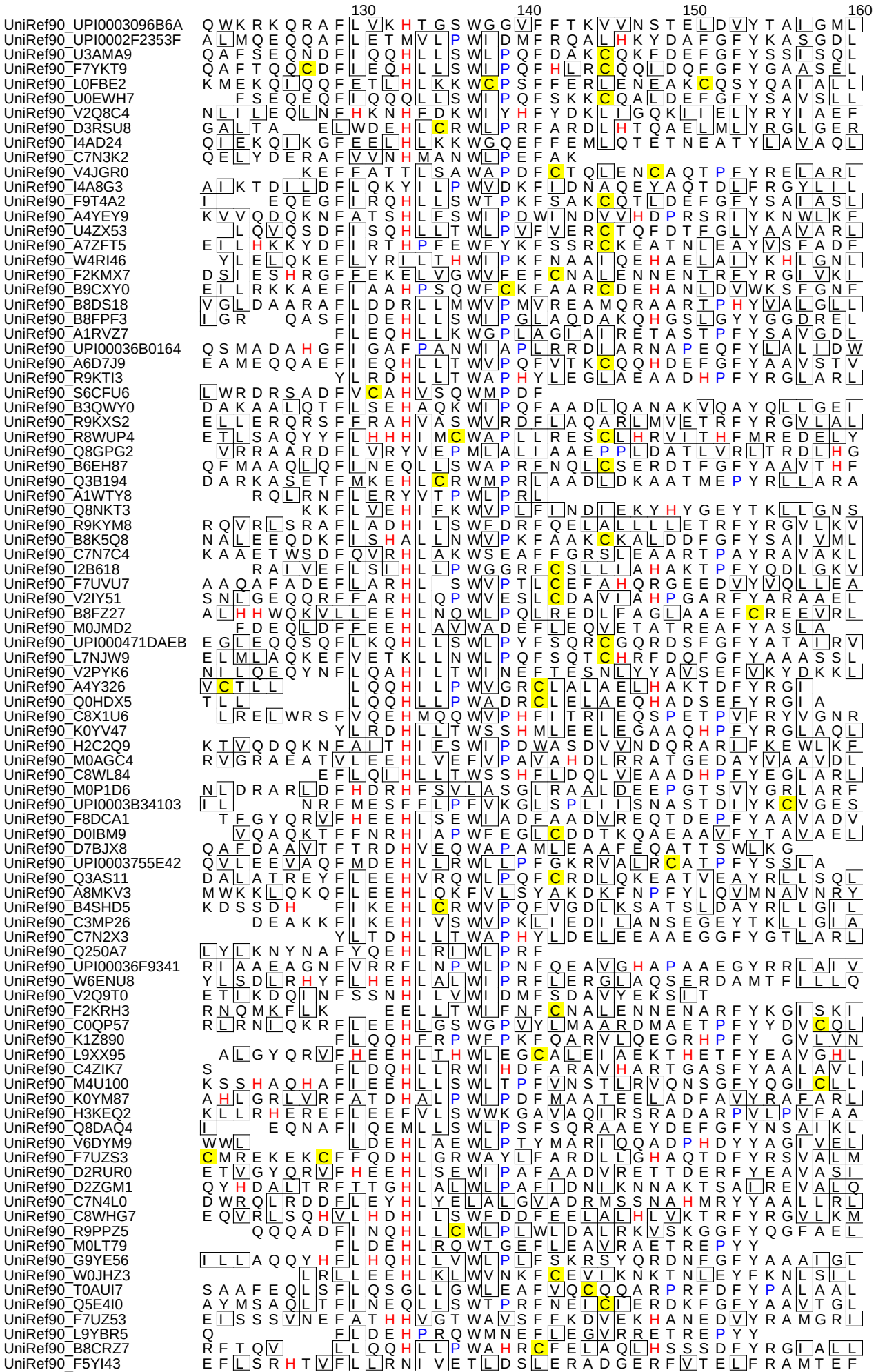

130
140
150
160
UniRef90_Q5P5I3
UniRef90_G8PQC6
UniRef90_UPI00030081E7
UniRef90_UPI000475D7A5
UniRef90_Q0HDZ2
UniRef90_K0Z3N6
UniRef90_UPI00034B104F
UniRef90_W6MAS5
UniRef90_UPI0003157DCB
UniRef90_C8WGC1
UniRef90_UPI000469C05C
UniRef90_C7N420
UniRef90_UPI0003F8A91C
UniRef90_H5Y2I9
UniRef90_E8LYN3
UniRef90_B0TKH6
UniRef90_UPI00040A5F46
UniRef90_UPI0003771DEC
UniRef90_F0LSH2
UniRef90_Q24Z64
UniRef90_C7N3N0
UniRef90_V5F294
UniRef90_UPI0003B4C073
UniRef90_R9KW98
UniRef90_E1SP77
UniRef90_Q24Z57
UniRef90_J6IWK9
UniRef90_W0TN73
UniRef90_T0IB35
UniRef90_C7P4W6
UniRef90_L0F6W1
UniRef90_D6E7Z4
UniRef90_B8G141
UniRef90_M0D885
UniRef90_C9QJJ8
UniRef90_UPI000288B061
UniRef90_Q9HR71
UniRef90_K0ZAL6
UniRef90_UPI00037EC775
UniRef90_A6FBD8
UniRef90_K4KTL1
UniRef90_A3Q9G4
UniRef90_E8MBV7
UniRef90_A7C3W4
UniRef90_I6H0G6
UniRef90_N9U3T3
UniRef90_Q8KF39
UniRef90_A5F7G9
UniRef90_I0I5Q3
UniRef90_G2E0P5
UniRef90_Q24NI9
UniRef90_D4H294
UniRef90_D6XXR2
UniRef90_UPI0002D5051A
UniRef90_B5YHH7
UniRef90_I3R6P1
UniRef90_UPI00037A82FA
UniRef90_UPI0002D6D293
UniRef90_L8JFY6
UniRef90_I4A829
UniRef90_B9LNJ2
UniRef90_R5FL96
UniRef90_W0EF97
UniRef90_U3B888
UniRef90_M0NHF6
UniRef90_J5XW19
UniRef90_T4BWW6
UniRef90_D0KPP0
UniRef90_W4LJC8
UniRef90_S6CDD7
UniRef90_G0HU01
UniRef90_I3BZC0
UniRef90_W1SHR3
UniRef90_D0WIP1
UniRef90_W6EBE5
UniRef90_R9KTC3
UniRef90_N6Y8L8
UniRef90_UPI00038269ED
UniRef90_M0NPB6
UniRef90_F8DBR9
UniRef90_A7N1J4
UniRef90_Q5V2U6
UniRef90_M0AMG4
UniRef90_M0LER7
UniRef90_UPI0002F5ADA5
UniRef90_S7JE54
UniRef90_S0G0S9
UniRef90_UPI00047CF6A7
UniRef90_M1P7S8
UniRef90_R1GQS2
UniRef90_A4SGT9
UniRef90_A6Q611

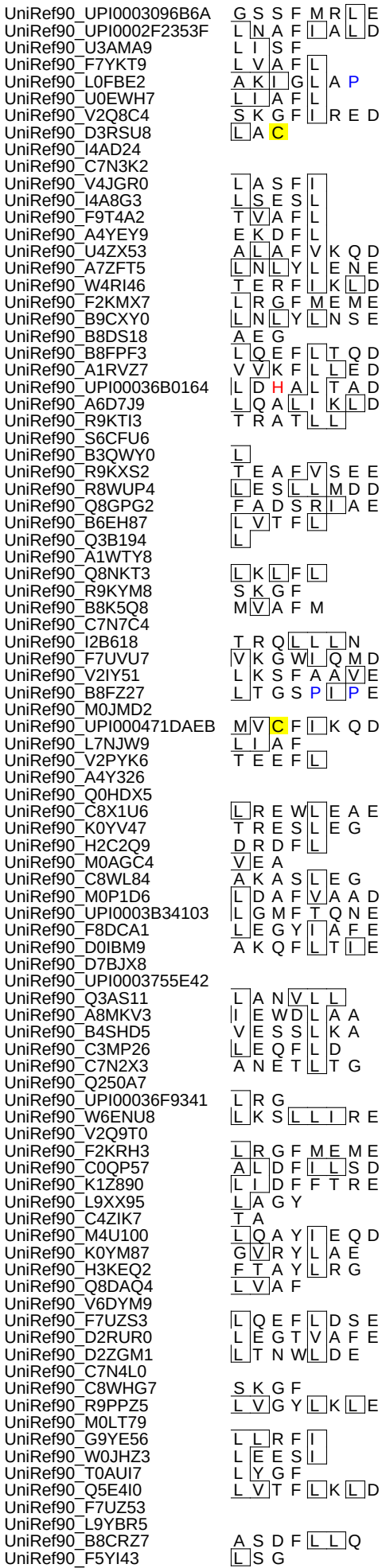

UniRef90_Q5P5I3
UniRef90_G8PQC6 L N T W L S M D
UniRef90_UPI00030081E7 L I A F
UniRef90_UPI000475D7A5 L V Q F V A G E
UniRef90_Q0HDZ2 L A D F L A N
UniRef90_K0Z3N6 T C G T L A Q
UniRef90_UPI00034B104F L D A T L A Q
UniRef90_W6MAS5
UniRef90_UPI0003157DCB
UniRef90_C8WGC1 L V A F V A L D
UniRef90_UPI000469C05C L E D F L
UniRef90_C7N420 I E A F L
UniRef90_UPI0003F8A91C V G C L F D A
UniRef90_H5Y2I9
UniRef90_E8LYN3 T N A F L
UniRef90_B0TKH6 L R D F L A Q
UniRef90_UPI00040A5F46 A V G T L T Q
UniRef90_UPI0003771DEC L A G F I K L E
UniRef90_F0LSH2 L V A F L
UniRef90_Q24Z64 G S T F L
UniRef90_C7N3N0 S K G F
UniRef90_V5F294 L V N F
UniRef90_UPI0003B4C073
UniRef90_R9KW98
UniRef90_E1SP77
UniRef90_Q24Z57 G S T F L
UniRef90_J6IWK9 T K G F
UniRef90_W0TN73 T A A Y
UniRef90_T0IB35 T E S Y V Q M D
UniRef90_C7P4W6
UniRef90_L0F6W1
UniRef90_D6E7Z4 L E E L L A A
UniRef90_B8G141 L G E F L E E E
UniRef90_M0D885 T R
UniRef90_C9QJJ8 A V A F L A L D
UniRef90_UPI000288B061 L R G F L E I E
UniRef90_Q9HR71 T V D T L A
UniRef90_K0ZAL6 T E G F
UniRef90_UPI00037EC775 G S A F M
UniRef90_A6FBD8 L L A F
UniRef90_K4KTL1 T E S Y V K L E
UniRef90_A3Q9G4 L L Q F I N Q Q
UniRef90_E8MBV7 M V A F L
UniRef90_A7C3W4 L E K F L
UniRef90_I6H0G6 L E S L L I D D
UniRef90_N9U3T3 L G V F L T M D
UniRef90_Q8KF39 M E K T L A P
UniRef90_A5F7G9 A L A F I Q Q D
UniRef90_I0I5Q3 T D A A L Q M D
UniRef90_G2E0P5 L G A L M E E
UniRef90_Q24NI9 L T G L V E A
UniRef90_D4H294 L K T F
UniRef90_D6XXR2 T E E I I E W E
UniRef90_UPI0002D5051A L V N F
UniRef90_B5YHH7 L K E F V L S E
UniRef90_I3R6P1 T R E V L
UniRef90_UPI00037A82FA I W G V L L
UniRef90_UPI0002D6D293 L R D Y L A
UniRef90_L8JFY6 L L A F
UniRef90_I4A829 I W G V L I
UniRef90_B9LNJ2 L D A F V A A D
UniRef90_R5FL96 T Q E S L R G
UniRef90_W0EF97
UniRef90_U3B888 L E A F L
UniRef90_M0NHF6 T R K L L
UniRef90_J5XW19 T R G F I
UniRef90_T4BWW6 A Q G A L E Q
UniRef90_D0KPP0 L R
UniRef90_W4LJC8 L R G F L D V E
UniRef90_S6CDD7 S K G F F L E D
UniRef90_G0HU01 T R E V L
UniRef90_I3BZC0 T A
UniRef90_W1SHR3 L K G F I L L E
UniRef90_D0WIP1
UniRef90_W6EBE5 L S S F L I A D
UniRef90_R9KTC3 L D E V L D E D
UniRef90_N6Y8L8 L L G F V R A D
UniRef90_UPI00038269ED T A
UniRef90_M0NPB6 T R E
UniRef90_F8DBR9 L A G Y A A F E
UniRef90_A7N1J4 L I A F
UniRef90_Q5V2U6 T R E V I
UniRef90_M0AMG4 L E G D I A F E
UniRef90_M0LER7
UniRef90_UPI0002F5ADA5 M S A F L
UniRef90_S7JE54 L V A F L
UniRef90_S0G0S9
UniRef90_UPI00047CF6A7 T Q A F
UniRef90_M1P7S8 A N K F
UniRef90_R1GQS2 L G V F L V M D
UniRef90_A4SGT9 L K
UniRef90_A6Q611 T V D Y L

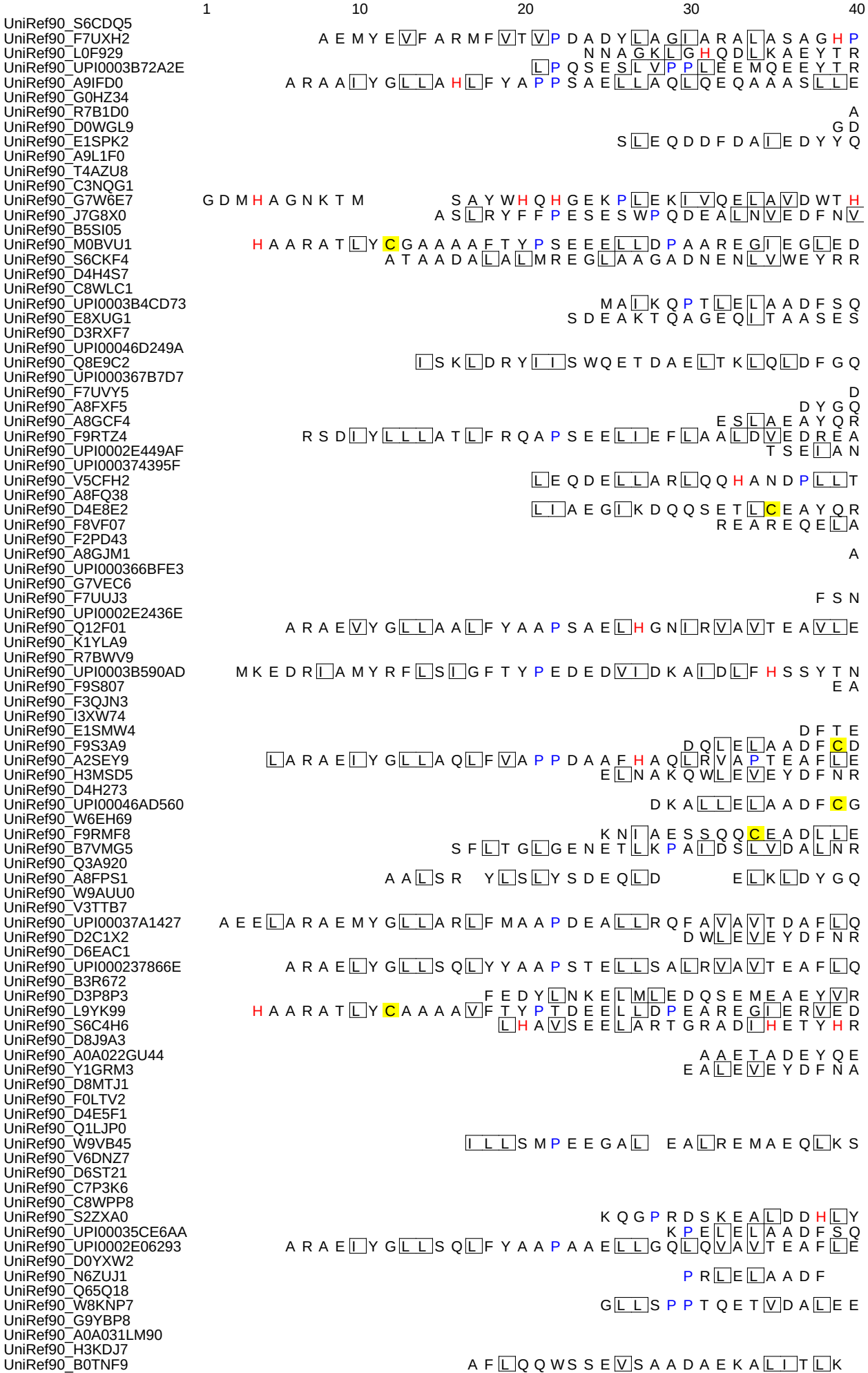

1
10
20
30
40
UniRef90_UPI0003096B6A
UniRef90_UPI0002F2353F
UniRef90_U3AMA9
UniRef90_F7YKT9
UniRef90_L0FBE2
UniRef90_U0EWH7
UniRef90_V2Q8C4
UniRef90_D3RSU8
UniRef90_I4AD24
UniRef90_C7N3K2
UniRef90_V4JGR0
UniRef90_I4A8G3
UniRef90_F9T4A2
UniRef90_A4YEY9
UniRef90_U4ZX53
UniRef90_A7ZFT5
UniRef90_W4RI46
UniRef90_F2KMX7
UniRef90_B9CXY0
UniRef90_B8DS18
UniRef90_B8FPF3
UniRef90_A1RVZ7
UniRef90_UPI00036B0164
UniRef90_A6D7J9
UniRef90_R9KTI3
UniRef90_S6CFU6
UniRef90_B3QWY0
UniRef90_R9KXS2
UniRef90_R8WUP4
UniRef90_Q8GPG2
UniRef90_B6EH87
UniRef90_Q3B194
UniRef90_A1WTY8
UniRef90_Q8NKT3
UniRef90_R9KYM8
UniRef90_B8K5Q8
UniRef90_C7N7C4
UniRef90_I2B618
UniRef90_F7UVU7
UniRef90_V2IY51
UniRef90_B8FZ27
UniRef90_M0JMD2
UniRef90_UPI000471DAEB
UniRef90_L7NJW9
UniRef90_V2PYK6
UniRef90_A4Y326
UniRef90_Q0HDX5
UniRef90_C8X1U6
UniRef90_K0YV47
UniRef90_H2C2Q9
UniRef90_M0AGC4
UniRef90_C8WL84
UniRef90_M0P1D6
UniRef90_UPI0003B34103
UniRef90_F8DCA1
UniRef90_D0IBM9
UniRef90_D7BJX8
UniRef90_UPI0003755E42
UniRef90_Q3AS11
UniRef90_A8MKV3
UniRef90_B4SHD5
UniRef90_C3MP26
UniRef90_C7N2X3
UniRef90_Q250A7
UniRef90_UPI00036F9341
UniRef90_W6ENU8
UniRef90_V2Q9T0
UniRef90_F2KRH3
UniRef90_C0QP57
UniRef90_K1Z890
UniRef90_L9XX95
UniRef90_C4ZIK7
UniRef90_M4U100
UniRef90_K0YM87
UniRef90_H3KEQ2
UniRef90_Q8DAQ4
UniRef90_V6DYM9
UniRef90_F7UZS3
UniRef90_D2RUR0
UniRef90_D2ZGM1
UniRef90_C7N4L0
UniRef90_C8WHG7
UniRef90_R9PPZ5
UniRef90_M0LT79
UniRef90_G9YE56
UniRef90_W0JHZ3
UniRef90_T0AUI7
UniRef90_Q5E4I0
UniRef90_F7UZ53
UniRef90_L9YBR5
UniRef90_B8CRZ7
UniRef90_F5YI43

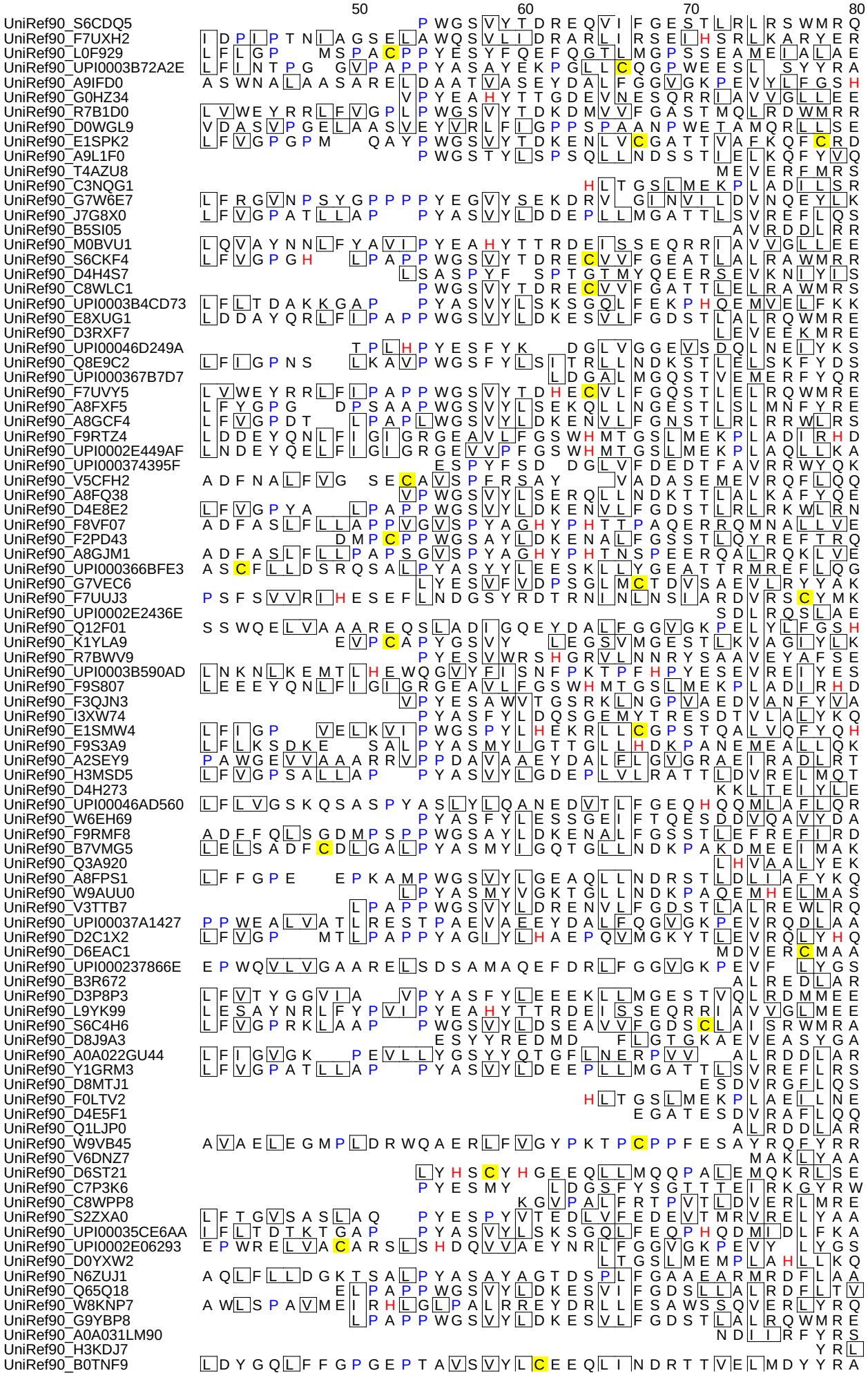

50
60
70
80
UniRef90_UPI0003096B6A
UniRef90_UPI0002F2353F
UniRef90_U3AMA9
UniRef90_F7YKT9
UniRef90_L0FBE2
UniRef90_U0EWH7
UniRef90_V2Q8C4
UniRef90_D3RSU8
UniRef90_I4AD24
UniRef90_C7N3K2
UniRef90_V4JGR0
UniRef90_I4A8G3
UniRef90_F9T4A2
UniRef90_A4YEY9
UniRef90_U4ZX53
UniRef90_A7ZFT5
UniRef90_W4RI46
UniRef90_F2KMX7
UniRef90_B9CXY0
UniRef90_B8DS18
UniRef90_B8FPF3
UniRef90_A1RVZ7
UniRef90_UPI00036B0164
UniRef90_A6D7J9
UniRef90_R9KTI3
UniRef90_S6CFU6
UniRef90_B3QWY0
UniRef90_R9KXS2
UniRef90_R8WUP4
UniRef90_Q8GPG2
UniRef90_B6EH87
UniRef90_Q3B194
UniRef90_A1WTY8
UniRef90_Q8NKT3
UniRef90_R9KYM8
UniRef90_B8K5Q8
UniRef90_C7N7C4
UniRef90_I2B618
UniRef90_F7UVU7
UniRef90_V2IY51
UniRef90_B8FZ27
UniRef90_M0JMD2
UniRef90_UPI000471DAEB
UniRef90_L7NJW9
UniRef90_V2PYK6
UniRef90_A4Y326
UniRef90_Q0HDX5
UniRef90_C8X1U6
UniRef90_K0YV47
UniRef90_H2C2Q9
UniRef90_M0AGC4
UniRef90_C8WL84
UniRef90_M0P1D6
UniRef90_UPI0003B34103
UniRef90_F8DCA1
UniRef90_D0IBM9
UniRef90_D7BJX8
UniRef90_UPI0003755E42
UniRef90_Q3AS11
UniRef90_A8MKV3
UniRef90_B4SHD5
UniRef90_C3MP26
UniRef90_C7N2X3
UniRef90_Q250A7
UniRef90_UPI00036F9341
UniRef90_W6ENU8
UniRef90_V2Q9T0
UniRef90_F2KRH3
UniRef90_C0QP57
UniRef90_K1Z890
UniRef90_L9XX95
UniRef90_C4ZIK7
UniRef90_M4U100
UniRef90_K0YM87
UniRef90_H3KEQ2
UniRef90_Q8DAQ4
UniRef90_V6DYM9
UniRef90_F7UZS3
UniRef90_D2RUR0
UniRef90_D2ZGM1
UniRef90_C7N4L0
UniRef90_C8WHG7
UniRef90_R9PPZ5
UniRef90_M0LT79
UniRef90_G9YE56
UniRef90_W0JHZ3
UniRef90_T0AUI7
UniRef90_Q5E4I0
UniRef90_F7UZ53
UniRef90_L9YBR5
UniRef90_B8CRZ7
UniRef90_F5YI43

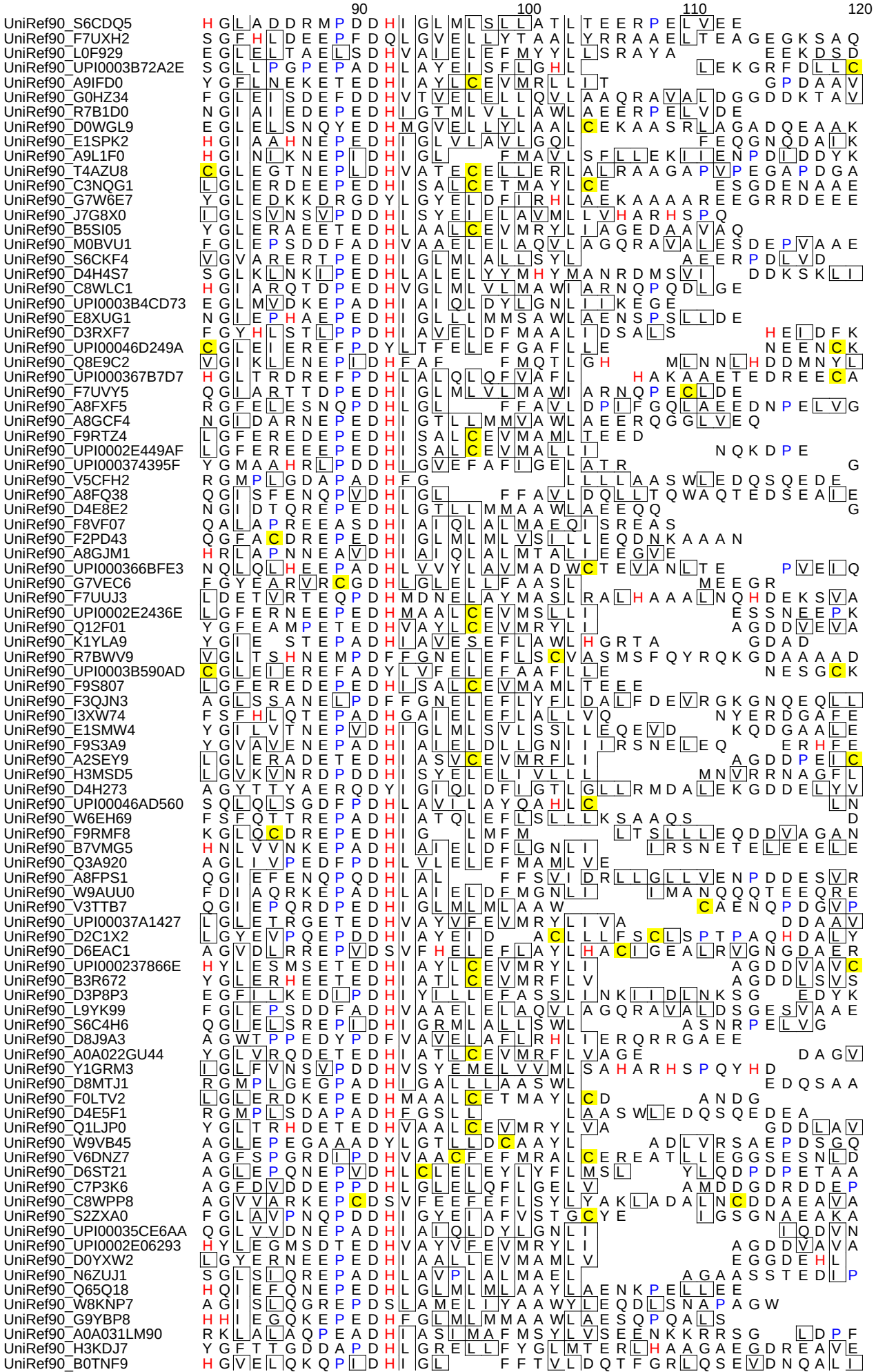

90
100
110
120
UniRef90_UPI0003096B6A
UniRef90_UPI0002F2353F
UniRef90_U3AMA9
UniRef90_F7YKT9
UniRef90_L0FBE2
UniRef90_U0EWH7
UniRef90_V2Q8C4
UniRef90_D3RSU8
UniRef90_I4AD24
UniRef90_C7N3K2
UniRef90_V4JGR0
UniRef90_I4A8G3
UniRef90_F9T4A2
UniRef90_A4YEY9
UniRef90_U4ZX53
UniRef90_A7ZFT5
UniRef90_W4RI46
UniRef90_F2KMX7
UniRef90_B9CXY0
UniRef90_B8DS18
UniRef90_B8FPF3
UniRef90_A1RVZ7
UniRef90_UPI00036B0164
UniRef90_A6D7J9
UniRef90_R9KTI3
UniRef90_S6CFU6
UniRef90_B3QWY0
UniRef90_R9KXS2
UniRef90_R8WUP4
UniRef90_Q8GPG2
UniRef90_B6EH87
UniRef90_Q3B194
UniRef90_A1WTY8
UniRef90_Q8NKT3
UniRef90_R9KYM8
UniRef90_B8K5Q8
UniRef90_C7N7C4
UniRef90_I2B618
UniRef90_F7UVU7
UniRef90_V2IY51
UniRef90_B8FZ27
UniRef90_M0JMD2
UniRef90_UPI000471DAEB
UniRef90_L7NJW9
UniRef90_V2PYK6
UniRef90_A4Y326
UniRef90_Q0HDX5
UniRef90_C8X1U6
UniRef90_K0YV47
UniRef90_H2C2Q9
UniRef90_M0AGC4
UniRef90_C8WL84
UniRef90_M0P1D6
UniRef90_UPI0003B34103
UniRef90_F8DCA1
UniRef90_D0IBM9
UniRef90_D7BJX8
UniRef90_UPI0003755E42
UniRef90_Q3AS11
UniRef90_A8MKV3
UniRef90_B4SHD5
UniRef90_C3MP26
UniRef90_C7N2X3
UniRef90_Q250A7
UniRef90_UPI00036F9341
UniRef90_W6ENU8
UniRef90_V2Q9T0
UniRef90_F2KRH3
UniRef90_C0QP57
UniRef90_K1Z890
UniRef90_L9XX95
UniRef90_C4ZIK7
UniRef90_M4U100
UniRef90_K0YM87
UniRef90_H3KEQ2
UniRef90_Q8DAQ4
UniRef90_V6DYM9
UniRef90_F7UZS3
UniRef90_D2RUR0
UniRef90_D2ZGM1
UniRef90_C7N4L0
UniRef90_C8WHG7
UniRef90_R9PPZ5
UniRef90_M0LT79
UniRef90_G9YE56
UniRef90_W0JHZ3
UniRef90_T0AUI7
UniRef90_Q5E4I0
UniRef90_F7UZ53
UniRef90_L9YBR5
UniRef90_B8CRZ7
UniRef90_F5YI43

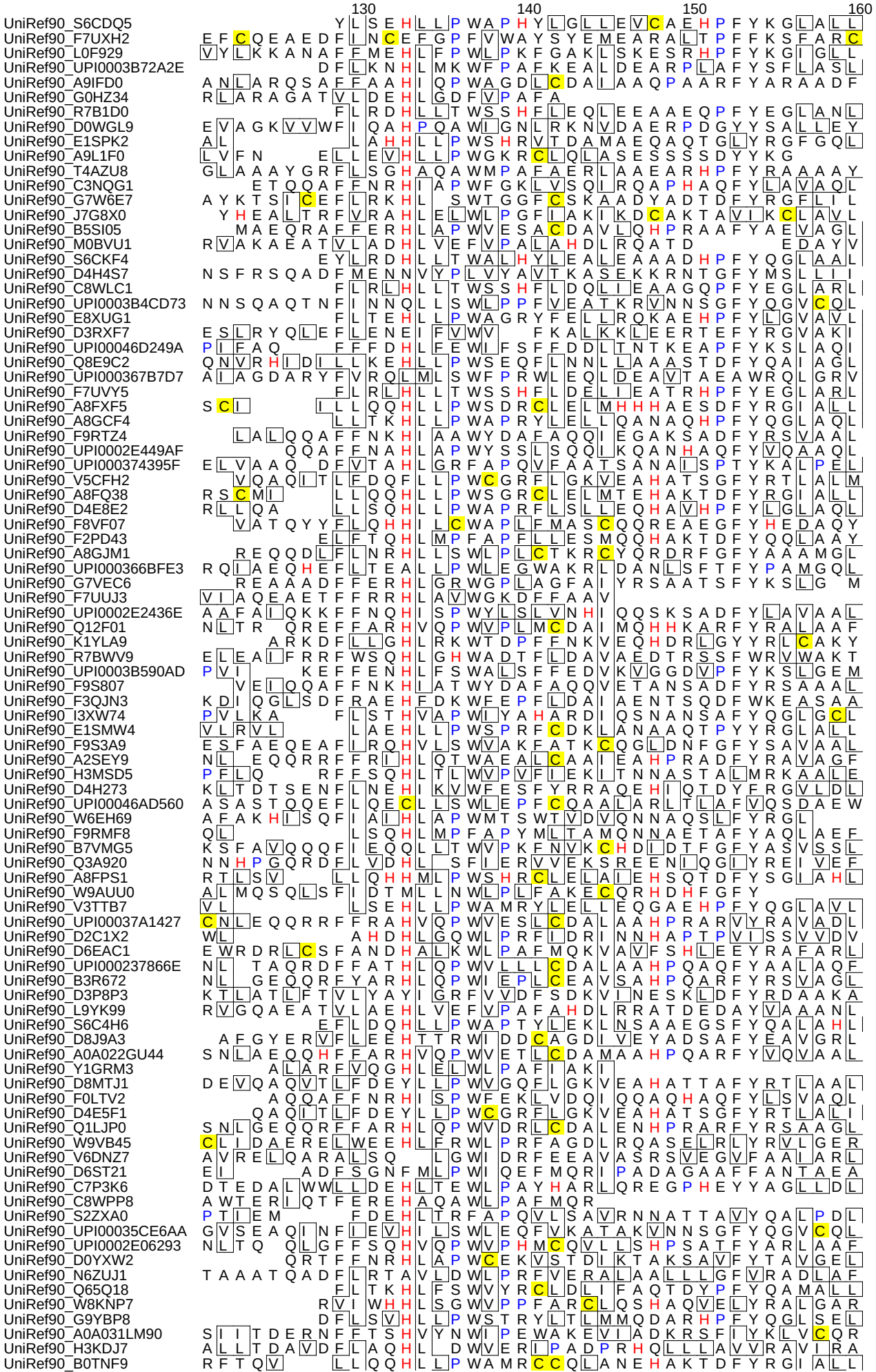

130
140
150
160
UniRef90_UPI0003096B6A
UniRef90_UPI0002F2353F
UniRef90_U3AMA9
UniRef90_F7YKT9
UniRef90_L0FBE2
UniRef90_U0EWH7
UniRef90_V2Q8C4
UniRef90_D3RSU8
UniRef90_I4AD24
UniRef90_C7N3K2
UniRef90_V4JGR0
UniRef90_I4A8G3
UniRef90_F9T4A2
UniRef90_A4YEY9
UniRef90_U4ZX53
UniRef90_A7ZFT5
UniRef90_W4RI46
UniRef90_F2KMX7
UniRef90_B9CXY0
UniRef90_B8DS18
UniRef90_B8FPF3
UniRef90_A1RVZ7
UniRef90_UPI00036B0164
UniRef90_A6D7J9
UniRef90_R9KTI3
UniRef90_S6CFU6
UniRef90_B3QWY0
UniRef90_R9KXS2
UniRef90_R8WUP4
UniRef90_Q8GPG2
UniRef90_B6EH87
UniRef90_Q3B194
UniRef90_A1WTY8
UniRef90_Q8NKT3
UniRef90_R9KYM8
UniRef90_B8K5Q8
UniRef90_C7N7C4
UniRef90_I2B618
UniRef90_F7UVU7
UniRef90_V2IY51
UniRef90_B8FZ27
UniRef90_M0JMD2
UniRef90_UPI000471DAEB
UniRef90_L7NJW9
UniRef90_V2PYK6
UniRef90_A4Y326
UniRef90_Q0HDX5
UniRef90_C8X1U6
UniRef90_K0YV47
UniRef90_H2C2Q9
UniRef90_M0AGC4
UniRef90_C8WL84
UniRef90_M0P1D6
UniRef90_UPI0003B34103
UniRef90_F8DCA1
UniRef90_D0IBM9
UniRef90_D7BJX8
UniRef90_UPI0003755E42
UniRef90_Q3AS11
UniRef90_A8MKV3
UniRef90_B4SHD5
UniRef90_C3MP26
UniRef90_C7N2X3
UniRef90_Q250A7
UniRef90_UPI00036F9341
UniRef90_W6ENU8
UniRef90_V2Q9T0
UniRef90_F2KRH3
UniRef90_C0QP57
UniRef90_K1Z890
UniRef90_L9XX95
UniRef90_C4ZIK7
UniRef90_M4U100
UniRef90_K0YM87
UniRef90_H3KEQ2
UniRef90_Q8DAQ4
UniRef90_V6DYM9
UniRef90_F7UZS3
UniRef90_D2RUR0
UniRef90_D2ZGM1
UniRef90_C7N4L0
UniRef90_C8WHG7
UniRef90_R9PPZ5
UniRef90_M0LT79
UniRef90_G9YE56
UniRef90_W0JHZ3
UniRef90_T0AUI7
UniRef90_Q5E4I0
UniRef90_F7UZ53
UniRef90_L9YBR5
UniRef90_B8CRZ7
UniRef90_F5YI43

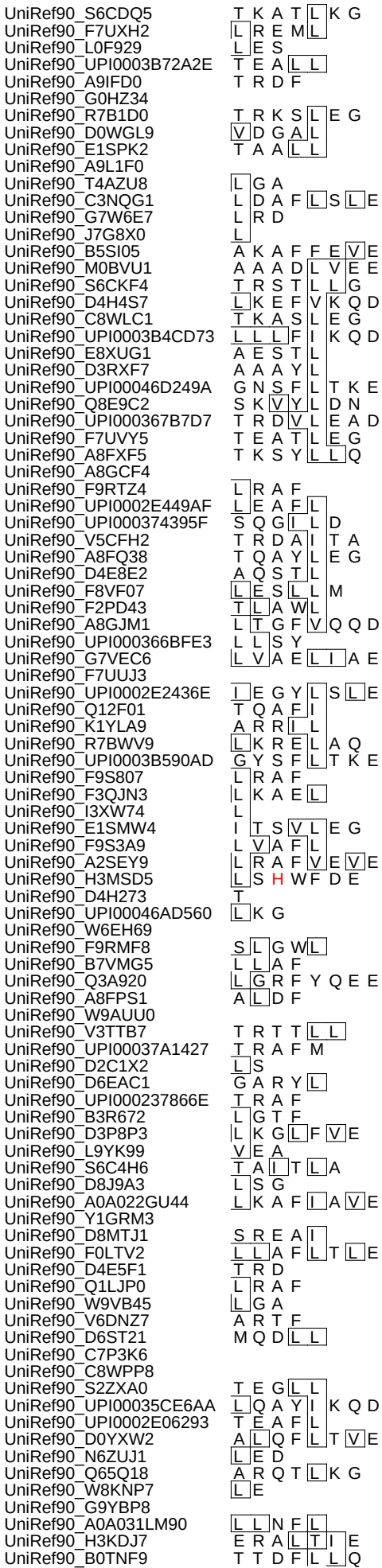

UniRef90_UPI0003096B6A G S S F M R L E
UniRef90_UPI0002F2353F L N A F I A L D
UniRef90_U3AMA9 L I S F
UniRef90_F7YKT9 L V A F L
UniRef90_L0FBE2 A K I G L A P
UniRef90_U0EWH7 L I A F L
UniRef90_V2Q8C4 S K G F I R E D
UniRef90_D3RSU8 L A C
UniRef90_I4AD24
UniRef90_C7N3K2
UniRef90_V4JGR0 L A S F I
UniRef90_I4A8G3 L S E S L
UniRef90_F9T4A2 T V A F L
UniRef90_A4YEY9 E K D F L
UniRef90_U4ZX53 A L A F V K Q D
UniRef90_A7ZFT5 L N L Y L E N E
UniRef90_W4RI46 T E R F I K L D
UniRef90_F2KMX7 L R G F M E M E
UniRef90_B9CXY0 L N L Y L N S E
UniRef90_B8DS18 A E G
UniRef90_B8FPF3 L Q E F L T Q D
UniRef90_A1RVZ7 V V K F L L E D
UniRef90_UPI00036B0164 L D H A L T A D
UniRef90_A6D7J9 L Q A L I K L D
UniRef90_R9KTI3 T R A T L L
UniRef90_S6CFU6
UniRef90_B3QWY0 L
UniRef90_R9KXS2 T E A F V S E E
UniRef90_R8WUP4 L E S L L M D D
UniRef90_Q8GPG2 F A D S R I A E
UniRef90_B6EH87 L V T F L
UniRef90_Q3B194 L
UniRef90_A1WTY8
UniRef90_Q8NKT3 L K L F L
UniRef90_R9KYM8 S K G F
UniRef90_B8K5Q8 M V A F M
UniRef90_C7N7C4
UniRef90_I2B618 T R Q L L L N
UniRef90_F7UVU7 V K G W I Q M D
UniRef90_V2IY51 L K S F A A V E
UniRef90_B8FZ27 L T G S P I P E
UniRef90_M0JMD2
UniRef90_UPI000471DAEB M V C F I K Q D
UniRef90_L7NJW9 L I A F
UniRef90_V2PYK6 T E E F L
UniRef90_A4Y326
UniRef90_Q0HDX5
UniRef90_C8X1U6 L R E W L E A E
UniRef90_K0YV47 T R E S L E G
UniRef90_H2C2Q9 D R D F L
UniRef90_M0AGC4 V E A
UniRef90_C8WL84 A K A S L E G
UniRef90_M0P1D6 L D A F V A A D
UniRef90_UPI0003B34103 L G M F T Q N E
UniRef90_F8DCA1 L E G Y I A F E
UniRef90_D0IBM9 A K Q F L T I E
UniRef90_D7BJX8
UniRef90_UPI0003755E42
UniRef90_Q3AS11 L A N V L L
UniRef90_A8MKV3 I E W D L A A
UniRef90_B4SHD5 V E S S L K A
UniRef90_C3MP26 L E Q F L D
UniRef90_C7N2X3 A N E T L T G
UniRef90_Q250A7
UniRef90_UPI00036F9341 L R G
UniRef90_W6ENU8 L K S L L I R E
UniRef90_V2Q9T0
UniRef90_F2KRH3 L R G F M E M E
UniRef90_C0QP57 A L D F I L S D
UniRef90_K1Z890 L I D F F T R E
UniRef90_L9XX95 L A G Y
UniRef90_C4ZIK7 T A
UniRef90_M4U100 L Q A Y I E Q D
UniRef90_K0YM87 G V R Y L A E
UniRef90_H3KEQ2 F T A Y L R G
UniRef90_Q8DAQ4 L V A F
UniRef90_V6DYM9
UniRef90_F7UZS3 L Q E F L D S E
UniRef90_D2RUR0 L E G T V A F E
UniRef90_D2ZGM1 L T N W L D E
UniRef90_C7N4L0
UniRef90_C8WHG7 S K G F
UniRef90_R9PPZ5 L V G Y L K L E
UniRef90_M0LT79
UniRef90_G9YE56 L L R F I
UniRef90_W0JHZ3 L E E S I
UniRef90_T0AUI7 L Y G F
UniRef90_Q5E4I0 L V T F L K L D
UniRef90_F7UZ53
UniRef90_L9YBR5
UniRef90_B8CRZ7 A S D F L L Q
UniRef90_F5YI43 L S G

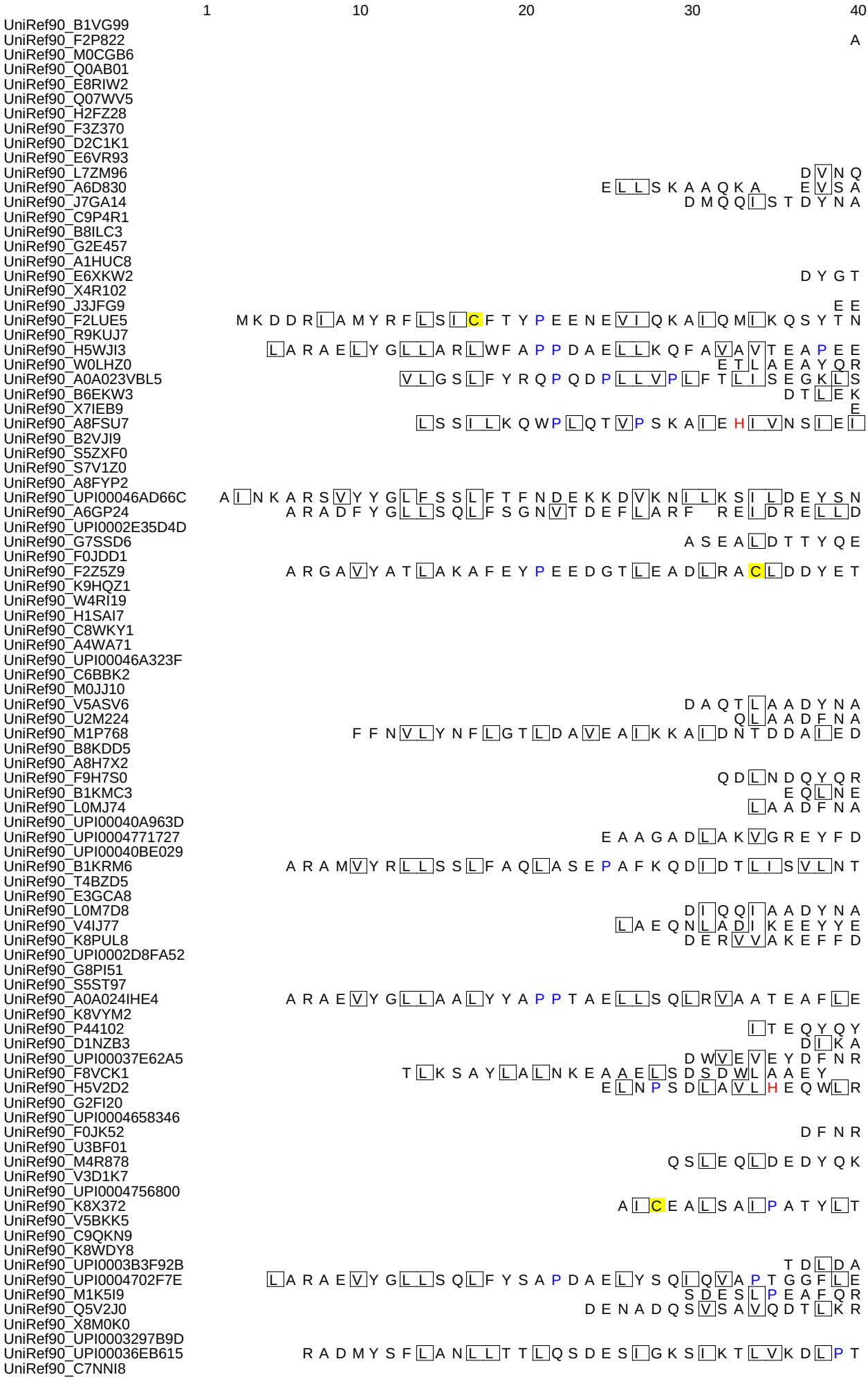

1
10
20
30
40
UniRef90_S6CDQ5
UniRef90_F7UXH2
UniRef90_L0F929
UniRef90_UPI0003B72A2E
UniRef90_A9IFD0
UniRef90_G0HZ34
UniRef90_R7B1D0
UniRef90_D0WGL9
UniRef90_E1SPK2
UniRef90_A9L1F0
UniRef90_T4AZU8
UniRef90_C3NQG1
UniRef90_G7W6E7
UniRef90_J7G8X0
UniRef90_B5SI05
UniRef90_M0BVU1
UniRef90_S6CKF4
UniRef90_D4H4S7
UniRef90_C8WLC1
UniRef90_UPI0003B4CD73
UniRef90_E8XUG1
UniRef90_D3RXF7
UniRef90_UPI00046D249A
UniRef90_Q8E9C2
UniRef90_UPI000367B7D7
UniRef90_F7UVY5
UniRef90_A8FXF5
UniRef90_A8GCF4
UniRef90_F9RTZ4
UniRef90_UPI0002E449AF
UniRef90_UPI000374395F
UniRef90_V5CFH2
UniRef90_A8FQ38
UniRef90_D4E8E2
UniRef90_F8VF07
UniRef90_F2PD43
UniRef90_A8GJM1
UniRef90_UPI000366BFE3
UniRef90_G7VEC6
UniRef90_F7UUJ3
UniRef90_UPI0002E2436E
UniRef90_Q12F01
UniRef90_K1YLA9
UniRef90_R7BWV9
UniRef90_UPI0003B590AD
UniRef90_F9S807
UniRef90_F3QJN3
UniRef90_I3XW74
UniRef90_E1SMW4
UniRef90_F9S3A9
UniRef90_A2SEY9
UniRef90_H3MSD5
UniRef90_D4H273
UniRef90_UPI00046AD560
UniRef90_W6EH69
UniRef90_F9RMF8
UniRef90_B7VMG5
UniRef90_Q3A920
UniRef90_A8FPS1
UniRef90_W9AUU0
UniRef90_V3TTB7
UniRef90_UPI00037A1427
UniRef90_D2C1X2
UniRef90_D6EAC1
UniRef90_UPI000237866E
UniRef90_B3R672
UniRef90_D3P8P3
UniRef90_L9YK99
UniRef90_S6C4H6
UniRef90_D8J9A3
UniRef90_A0A022GU44
UniRef90_Y1GRM3
UniRef90_D8MTJ1
UniRef90_F0LTV2
UniRef90_D4E5F1
UniRef90_Q1LJP0
UniRef90_W9VB45
UniRef90_V6DNZ7
UniRef90_D6ST21
UniRef90_C7P3K6
UniRef90_C8WPP8
UniRef90_S2ZXA0
UniRef90_UPI00035CE6AA
UniRef90_UPI0002E06293
UniRef90_D0YXW2
UniRef90_N6ZUJ1
UniRef90_Q65Q18
UniRef90_W8KNP7
UniRef90_G9YBP8
UniRef90_A0A031LM90
UniRef90_H3KDJ7
UniRef90_B0TNF9

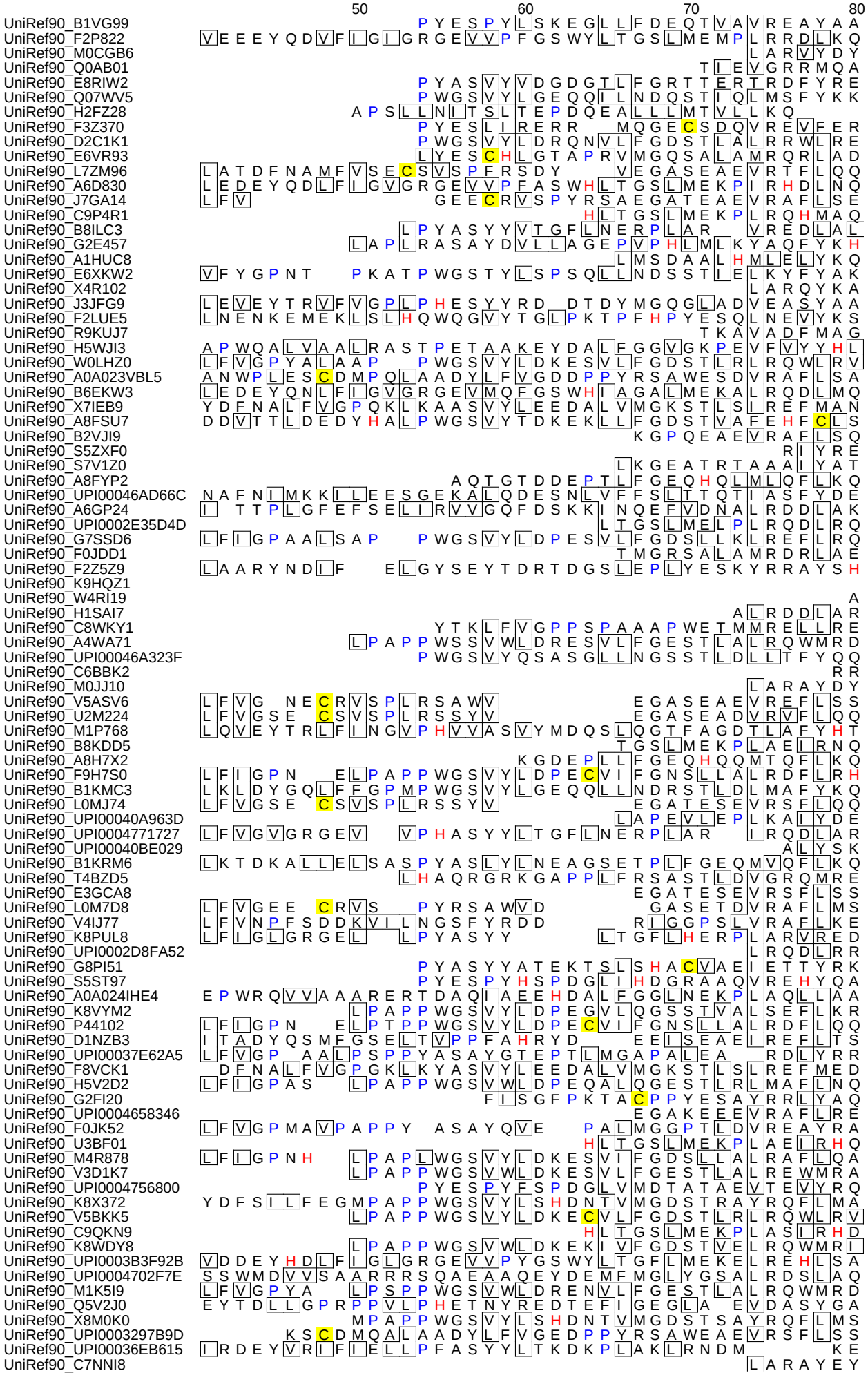

50
60
70
80
UniRef90_S6CDQ5
UniRef90_F7UXH2
UniRef90_L0F929
UniRef90_UPI0003B72A2E
UniRef90_A9IFD0
UniRef90_G0HZ34
UniRef90_R7B1D0
UniRef90_D0WGL9
UniRef90_E1SPK2
UniRef90_A9L1F0
UniRef90_T4AZU8
UniRef90_C3NQG1
UniRef90_G7W6E7
UniRef90_J7G8X0
UniRef90_B5SI05
UniRef90_M0BVU1
UniRef90_S6CKF4
UniRef90_D4H4S7
UniRef90_C8WLC1
UniRef90_UPI0003B4CD73
UniRef90_E8XUG1
UniRef90_D3RXF7
UniRef90_UPI00046D249A
UniRef90_Q8E9C2
UniRef90_UPI000367B7D7
UniRef90_F7UVY5
UniRef90_A8FXF5
UniRef90_A8GCF4
UniRef90_F9RTZ4
UniRef90_UPI0002E449AF
UniRef90_UPI000374395F
UniRef90_V5CFH2
UniRef90_A8FQ38
UniRef90_D4E8E2
UniRef90_F8VF07
UniRef90_F2PD43
UniRef90_A8GJM1
UniRef90_UPI000366BFE3
UniRef90_G7VEC6
UniRef90_F7UUJ3
UniRef90_UPI0002E2436E
UniRef90_Q12F01
UniRef90_K1YLA9
UniRef90_R7BWV9
UniRef90_UPI0003B590AD
UniRef90_F9S807
UniRef90_F3QJN3
UniRef90_I3XW74
UniRef90_E1SMW4
UniRef90_F9S3A9
UniRef90_A2SEY9
UniRef90_H3MSD5
UniRef90_D4H273
UniRef90_UPI00046AD560
UniRef90_W6EH69
UniRef90_F9RMF8
UniRef90_B7VMG5
UniRef90_Q3A920
UniRef90_A8FPS1
UniRef90_W9AUU0
UniRef90_V3TTB7
UniRef90_UPI00037A1427
UniRef90_D2C1X2
UniRef90_D6EAC1
UniRef90_UPI000237866E
UniRef90_B3R672
UniRef90_D3P8P3
UniRef90_L9YK99
UniRef90_S6C4H6
UniRef90_D8J9A3
UniRef90_A0A022GU44
UniRef90_Y1GRM3
UniRef90_D8MTJ1
UniRef90_F0LTV2
UniRef90_D4E5F1
UniRef90_Q1LJP0
UniRef90_W9VB45
UniRef90_V6DNZ7
UniRef90_D6ST21
UniRef90_C7P3K6
UniRef90_C8WPP8
UniRef90_S2ZXA0
UniRef90_UPI00035CE6AA
UniRef90_UPI0002E06293
UniRef90_D0YXW2
UniRef90_N6ZUJ1
UniRef90_Q65Q18
UniRef90_W8KNP7
UniRef90_G9YBP8
UniRef90_A0A031LM90
UniRef90_H3KDJ7
UniRef90_B0TNF9

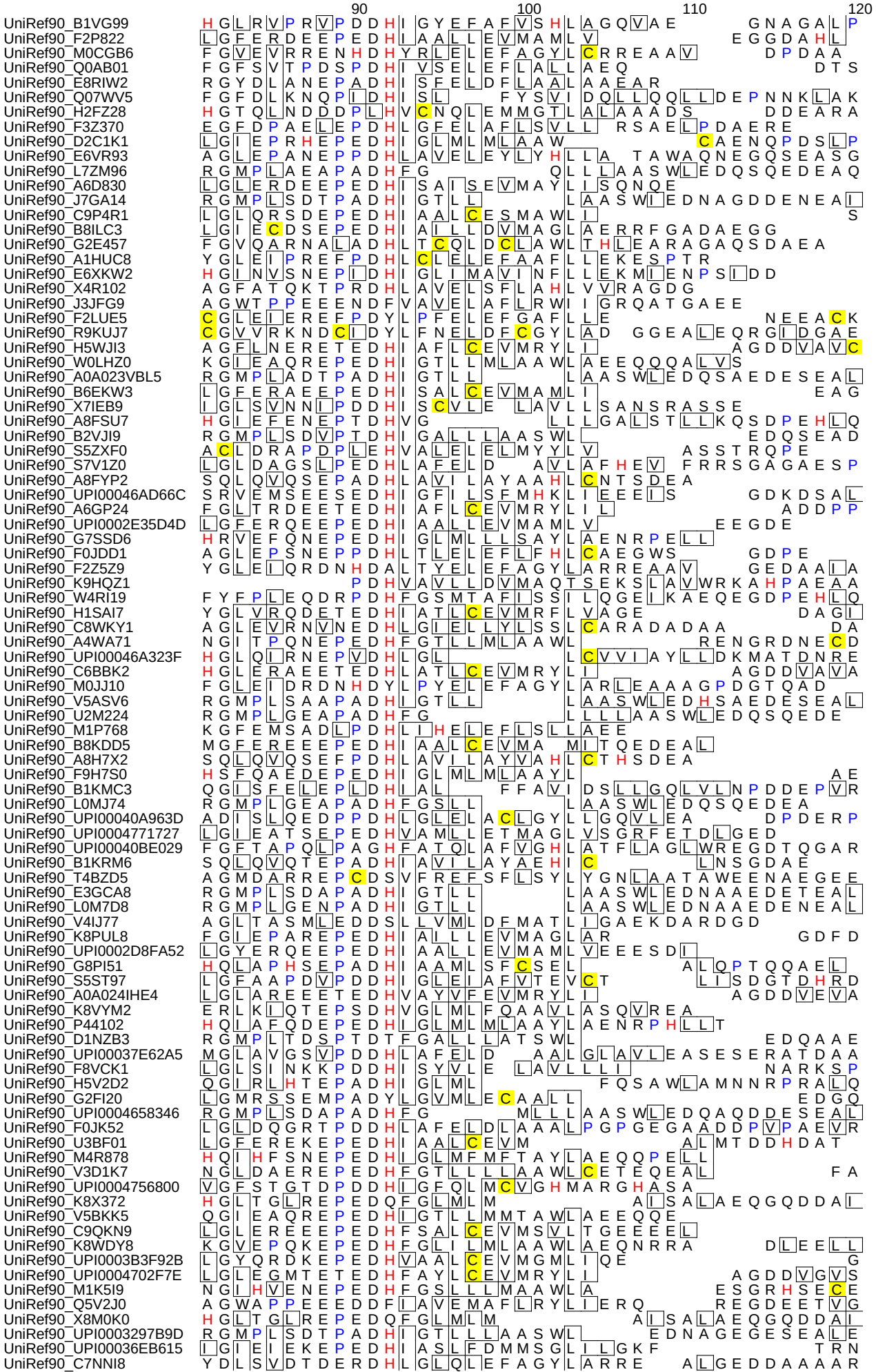

90
100
110
120
UniRef90_S6CDQ5
UniRef90_F7UXH2
UniRef90_L0F929
UniRef90_UPI0003B72A2E
UniRef90_A9IFD0
UniRef90_G0HZ34
UniRef90_R7B1D0
UniRef90_D0WGL9
UniRef90_E1SPK2
UniRef90_A9L1F0
UniRef90_T4AZU8
UniRef90_C3NQG1
UniRef90_G7W6E7
UniRef90_J7G8X0
UniRef90_B5SI05
UniRef90_M0BVU1
UniRef90_S6CKF4
UniRef90_D4H4S7
UniRef90_C8WLC1
UniRef90_UPI0003B4CD73
UniRef90_E8XUG1
UniRef90_D3RXF7
UniRef90_UPI00046D249A
UniRef90_Q8E9C2
UniRef90_UPI000367B7D7
UniRef90_F7UVY5
UniRef90_A8FXF5
UniRef90_A8GCF4
UniRef90_F9RTZ4
UniRef90_UPI0002E449AF
UniRef90_UPI000374395F
UniRef90_V5CFH2
UniRef90_A8FQ38
UniRef90_D4E8E2
UniRef90_F8VF07
UniRef90_F2PD43
UniRef90_A8GJM1
UniRef90_UPI000366BFE3
UniRef90_G7VEC6
UniRef90_F7UUJ3
UniRef90_UPI0002E2436E
UniRef90_Q12F01
UniRef90_K1YLA9
UniRef90_R7BWV9
UniRef90_UPI0003B590AD
UniRef90_F9S807
UniRef90_F3QJN3
UniRef90_I3XW74
UniRef90_E1SMW4
UniRef90_F9S3A9
UniRef90_A2SEY9
UniRef90_H3MSD5
UniRef90_D4H273
UniRef90_UPI00046AD560
UniRef90_W6EH69
UniRef90_F9RMF8
UniRef90_B7VMG5
UniRef90_Q3A920
UniRef90_A8FPS1
UniRef90_W9AUU0
UniRef90_V3TTB7
UniRef90_UPI00037A1427
UniRef90_D2C1X2
UniRef90_D6EAC1
UniRef90_UPI000237866E
UniRef90_B3R672
UniRef90_D3P8P3
UniRef90_L9YK99
UniRef90_S6C4H6
UniRef90_D8J9A3
UniRef90_A0A022GU44
UniRef90_Y1GRM3
UniRef90_D8MTJ1
UniRef90_F0LTV2
UniRef90_D4E5F1
UniRef90_Q1LJP0
UniRef90_W9VB45
UniRef90_V6DNZ7
UniRef90_D6ST21
UniRef90_C7P3K6
UniRef90_C8WPP8
UniRef90_S2ZXA0
UniRef90_UPI00035CE6AA
UniRef90_UPI0002E06293
UniRef90_D0YXW2
UniRef90_N6ZUJ1
UniRef90_Q65Q18
UniRef90_W8KNP7
UniRef90_G9YBP8
UniRef90_A0A031LM90
UniRef90_H3KDJ7
UniRef90_B0TNF9

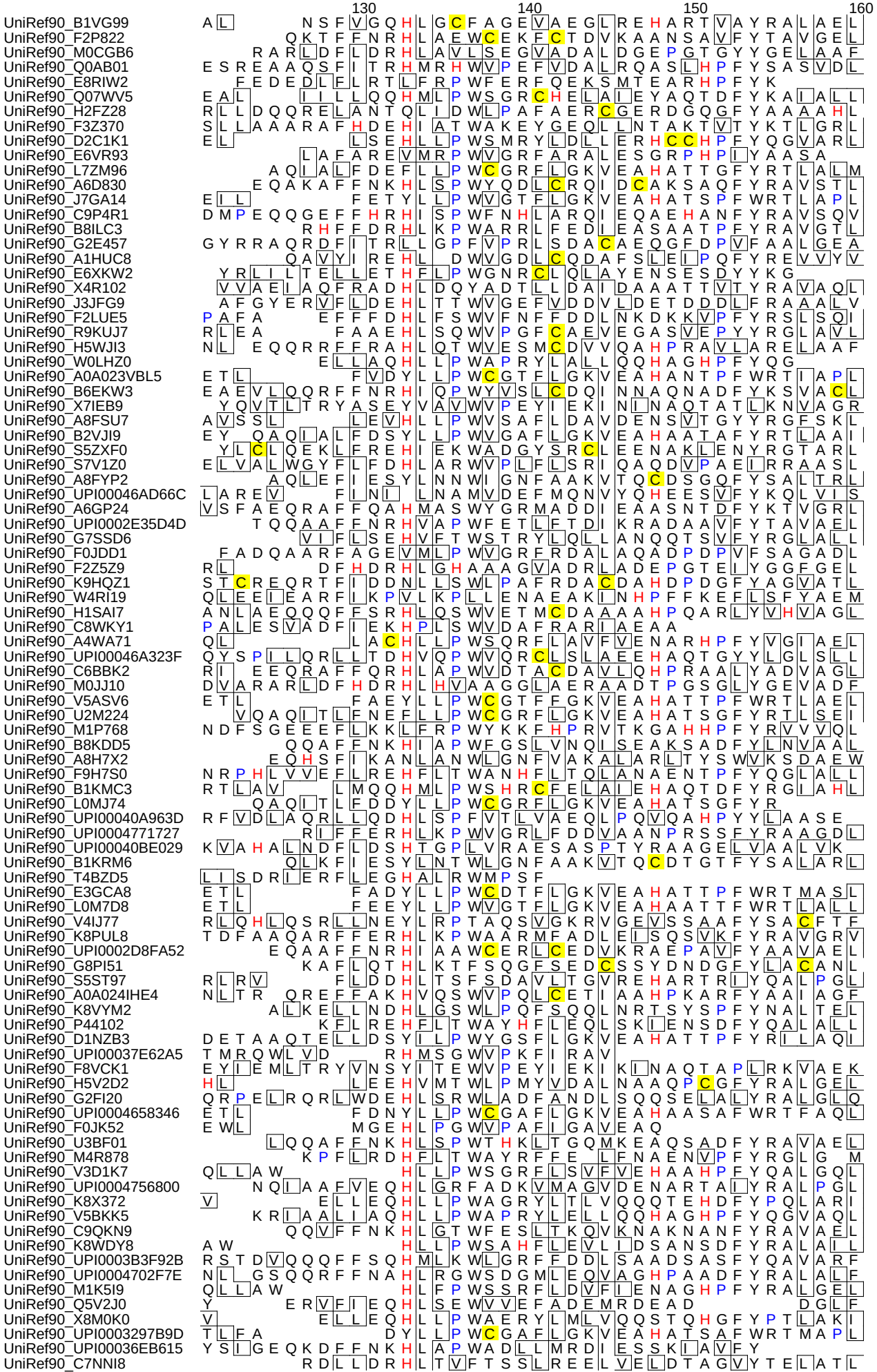

130
140
150
160
UniRef90_S6CDQ5
UniRef90_F7UXH2
UniRef90_L0F929
UniRef90_UPI0003B72A2E
UniRef90_A9IFD0
UniRef90_G0HZ34
UniRef90_R7B1D0
UniRef90_D0WGL9
UniRef90_E1SPK2
UniRef90_A9L1F0
UniRef90_T4AZU8
UniRef90_C3NQG1
UniRef90_G7W6E7
UniRef90_J7G8X0
UniRef90_B5SI05
UniRef90_M0BVU1
UniRef90_S6CKF4
UniRef90_D4H4S7
UniRef90_C8WLC1
UniRef90_UPI0003B4CD73
UniRef90_E8XUG1
UniRef90_D3RXF7
UniRef90_UPI00046D249A
UniRef90_Q8E9C2
UniRef90_UPI000367B7D7
UniRef90_F7UVY5
UniRef90_A8FXF5
UniRef90_A8GCF4
UniRef90_F9RTZ4
UniRef90_UPI0002E449AF
UniRef90_UPI000374395F
UniRef90_V5CFH2
UniRef90_A8FQ38
UniRef90_D4E8E2
UniRef90_F8VF07
UniRef90_F2PD43
UniRef90_A8GJM1
UniRef90_UPI000366BFE3
UniRef90_G7VEC6
UniRef90_F7UUJ3
UniRef90_UPI0002E2436E
UniRef90_Q12F01
UniRef90_K1YLA9
UniRef90_R7BWV9
UniRef90_UPI0003B590AD
UniRef90_F9S807
UniRef90_F3QJN3
UniRef90_I3XW74
UniRef90_E1SMW4
UniRef90_F9S3A9
UniRef90_A2SEY9
UniRef90_H3MSD5
UniRef90_D4H273
UniRef90_UPI00046AD560
UniRef90_W6EH69
UniRef90_F9RMF8
UniRef90_B7VMG5
UniRef90_Q3A920
UniRef90_A8FPS1
UniRef90_W9AUU0
UniRef90_V3TTB7
UniRef90_UPI00037A1427
UniRef90_D2C1X2
UniRef90_D6EAC1
UniRef90_UPI000237866E
UniRef90_B3R672
UniRef90_D3P8P3
UniRef90_L9YK99
UniRef90_S6C4H6
UniRef90_D8J9A3
UniRef90_A0A022GU44
UniRef90_Y1GRM3
UniRef90_D8MTJ1
UniRef90_F0LTV2
UniRef90_D4E5F1
UniRef90_Q1LJP0
UniRef90_W9VB45
UniRef90_V6DNZ7
UniRef90_D6ST21
UniRef90_C7P3K6
UniRef90_C8WPP8
UniRef90_S2ZXA0
UniRef90_UPI00035CE6AA
UniRef90_UPI0002E06293
UniRef90_D0YXW2
UniRef90_N6ZUJ1
UniRef90_Q65Q18
UniRef90_W8KNP7
UniRef90_G9YBP8
UniRef90_A0A031LM90
UniRef90_H3KDJ7
UniRef90_B0TNF9


UniRef90_S6CDQ5
UniRef90_F7UXH2
UniRef90_L0F929
UniRef90_UPI0003B72A2E
UniRef90_A9IFD0
UniRef90_G0HZ34
UniRef90_R7B1D0
UniRef90_D0WGL9
UniRef90_E1SPK2
UniRef90_A9L1F0
UniRef90_T4AZU8
UniRef90_C3NQG1
UniRef90_G7W6E7
UniRef90_J7G8X0
UniRef90_B5SI05
UniRef90_M0BVU1
UniRef90_S6CKF4
UniRef90_D4H4S7
UniRef90_C8WLC1
UniRef90_UPI0003B4CD73
UniRef90_E8XUG1
UniRef90_D3RXF7
UniRef90_UPI00046D249A
UniRef90_Q8E9C2
UniRef90_UPI000367B7D7
UniRef90_F7UVY5
UniRef90_A8FXF5
UniRef90_A8GCF4
UniRef90_F9RTZ4
UniRef90_UPI0002E449AF
UniRef90_UPI000374395F
UniRef90_V5CFH2
UniRef90_A8FQ38
UniRef90_D4E8E2
UniRef90_F8VF07
UniRef90_F2PD43
UniRef90_A8GJM1
UniRef90_UPI000366BFE3
UniRef90_G7VEC6
UniRef90_F7UUJ3
UniRef90_UPI0002E2436E
UniRef90_Q12F01
UniRef90_K1YLA9
UniRef90_R7BWV9
UniRef90_UPI0003B590AD
UniRef90_F9S807
UniRef90_F3QJN3
UniRef90_I3XW74
UniRef90_E1SMW4
UniRef90_F9S3A9
UniRef90_A2SEY9
UniRef90_H3MSD5
UniRef90_D4H273
UniRef90_UPI00046AD560
UniRef90_W6EH69
UniRef90_F9RMF8
UniRef90_B7VMG5
UniRef90_Q3A920
UniRef90_A8FPS1
UniRef90_W9AUU0
UniRef90_V3TTB7
UniRef90_UPI00037A1427
UniRef90_D2C1X2
UniRef90_D6EAC1
UniRef90_UPI000237866E
UniRef90_B3R672
UniRef90_D3P8P3
UniRef90_L9YK99
UniRef90_S6C4H6
UniRef90_D8J9A3
UniRef90_A0A022GU44
UniRef90_Y1GRM3
UniRef90_D8MTJ1
UniRef90_F0LTV2
UniRef90_D4E5F1
UniRef90_Q1LJP0
UniRef90_W9VB45
UniRef90_V6DNZ7
UniRef90_D6ST21
UniRef90_C7P3K6
UniRef90_C8WPP8
UniRef90_S2ZXA0
UniRef90_UPI00035CE6AA
UniRef90_UPI0002E06293
UniRef90_D0YXW2
UniRef90_N6ZUJ1
UniRef90_Q65Q18
UniRef90_W8KNP7
UniRef90_G9YBP8
UniRef90_A0A031LM90
UniRef90_H3KDJ7
UniRef90_B0TNF9

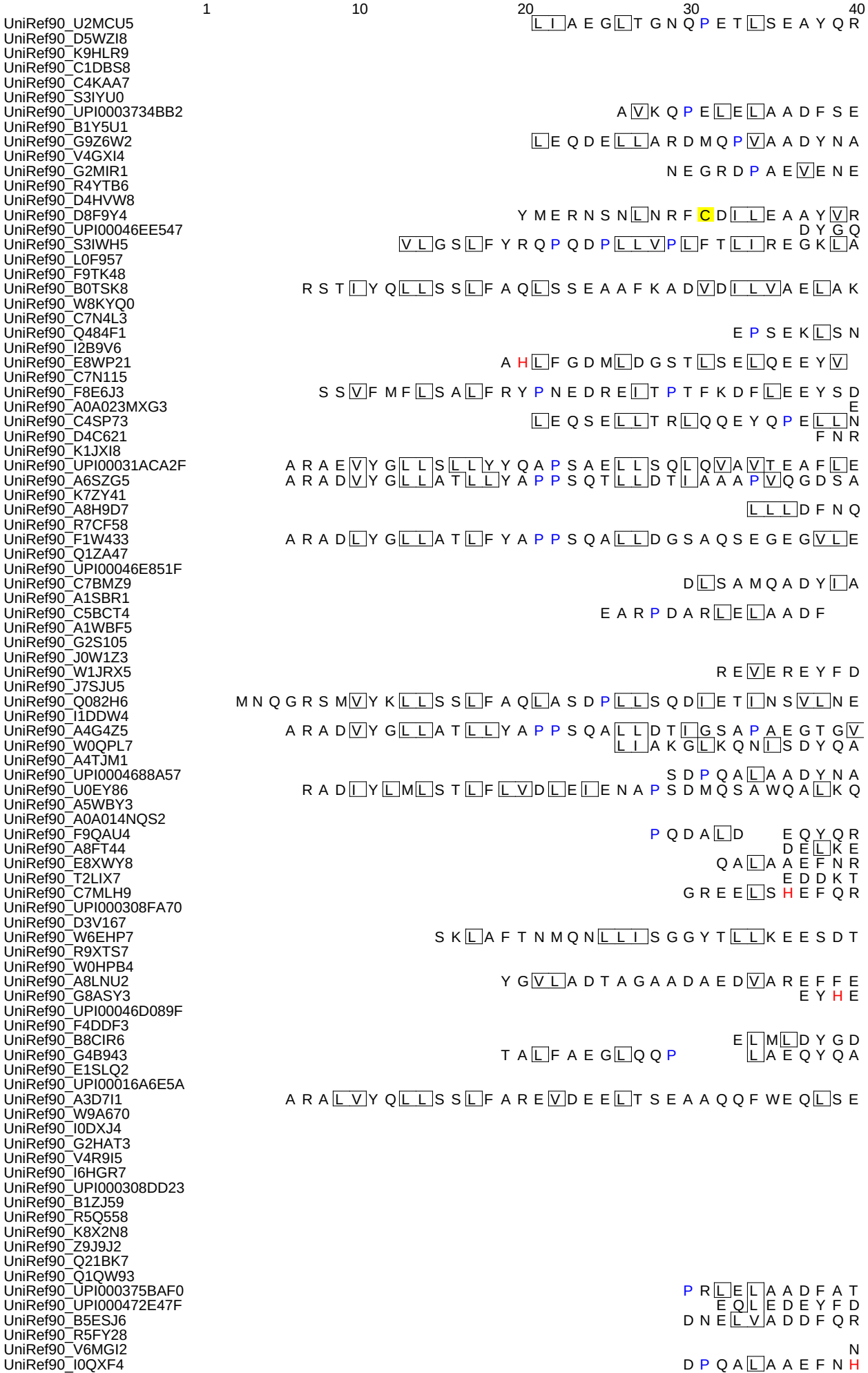

1
10
20
30
40
UniRef90_B1VG99
UniRef90_F2P822
UniRef90_M0CGB6
UniRef90_Q0AB01
UniRef90_E8RIW2
UniRef90_Q07WV5
UniRef90_H2FZ28
UniRef90_F3Z370
UniRef90_D2C1K1
UniRef90_E6VR93
UniRef90_L7ZM96
UniRef90_A6D830
UniRef90_J7GA14
UniRef90_C9P4R1
UniRef90_B8ILC3
UniRef90_G2E457
UniRef90_A1HUC8
UniRef90_E6XKW2
UniRef90_X4R102
UniRef90_J3JFG9
UniRef90_F2LUE5
UniRef90_R9KUJ7
UniRef90_H5WJI3
UniRef90_W0LHZ0
UniRef90_A0A023VBL5
UniRef90_B6EKW3
UniRef90_X7IEB9
UniRef90_A8FSU7
UniRef90_B2VJI9
UniRef90_S5ZXF0
UniRef90_S7V1Z0
UniRef90_A8FYP2
UniRef90_UPI00046AD66C
UniRef90_A6GP24
UniRef90_UPI0002E35D4D
UniRef90_G7SSD6
UniRef90_F0JDD1
UniRef90_F2Z5Z9
UniRef90_K9HQZ1
UniRef90_W4RI19
UniRef90_H1SAI7
UniRef90_C8WKY1
UniRef90_A4WA71
UniRef90_UPI00046A323F
UniRef90_C6BBK2
UniRef90_M0JJ10
UniRef90_V5ASV6
UniRef90_U2M224
UniRef90_M1P768
UniRef90_B8KDD5
UniRef90_A8H7X2
UniRef90_F9H7S0
UniRef90_B1KMC3
UniRef90_L0MJ74
UniRef90_UPI00040A963D
UniRef90_UPI0004771727
UniRef90_UPI00040BE029
UniRef90_B1KRM6
UniRef90_T4BZD5
UniRef90_E3GCA8
UniRef90_L0M7D8
UniRef90_V4IJ77
UniRef90_K8PUL8
UniRef90_UPI0002D8FA52
UniRef90_G8PI51
UniRef90_S5ST97
UniRef90_A0A024IHE4
UniRef90_K8VYM2
UniRef90_P44102
UniRef90_D1NZB3
UniRef90_UPI00037E62A5
UniRef90_F8VCK1
UniRef90_H5V2D2
UniRef90_G2FI20
UniRef90_UPI0004658346
UniRef90_F0JK52
UniRef90_U3BF01
UniRef90_M4R878
UniRef90_V3D1K7
UniRef90_UPI0004756800
UniRef90_K8X372
UniRef90_V5BKK5
UniRef90_C9QKN9
UniRef90_K8WDY8
UniRef90_UPI0003B3F92B
UniRef90_UPI0004702F7E
UniRef90_M1K5I9
UniRef90_Q5V2J0
UniRef90_X8M0K0
UniRef90_UPI0003297B9D
UniRef90_UPI00036EB615
UniRef90_C7NNI8

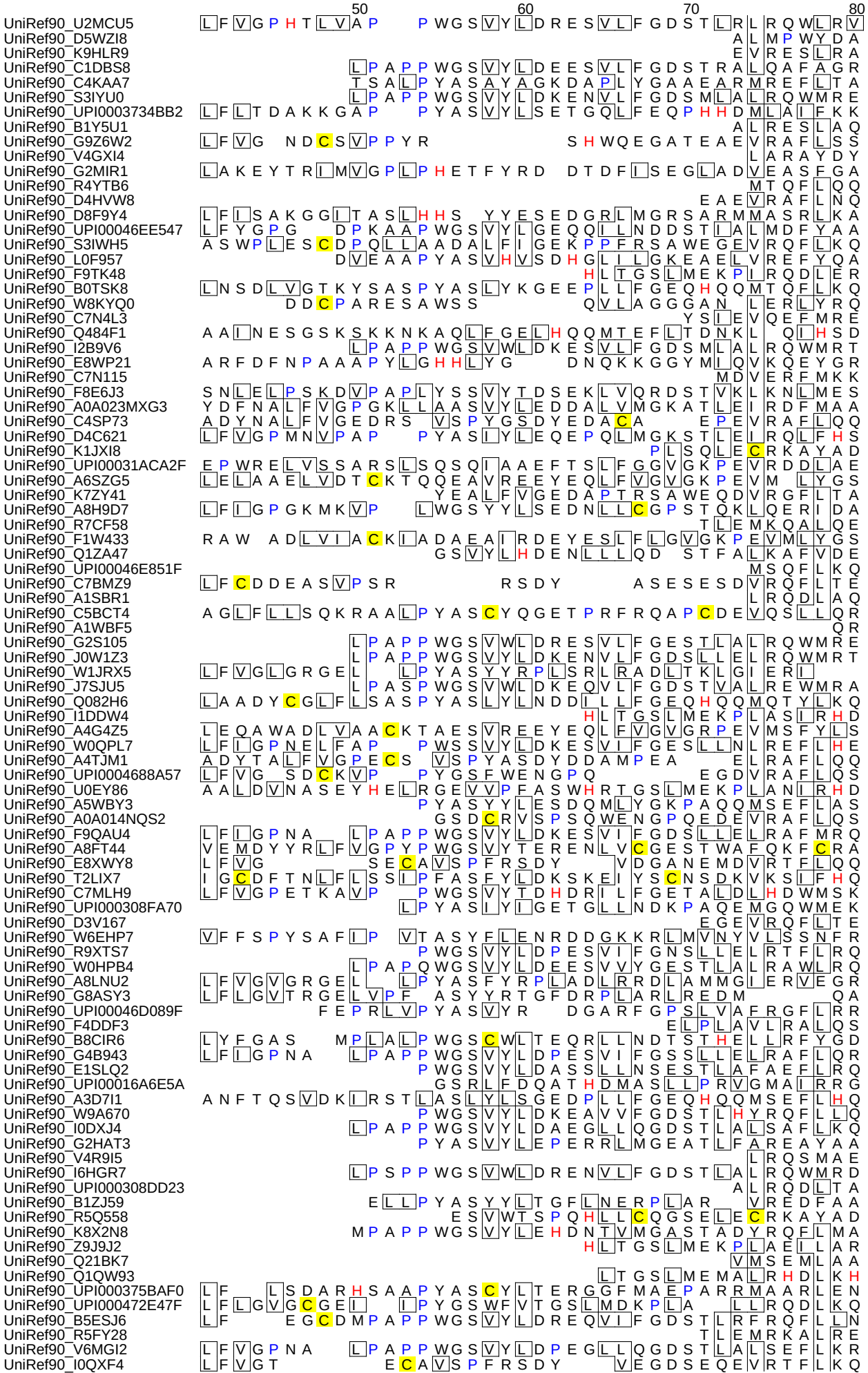

50
60
70
80
UniRef90_B1VG99
UniRef90_F2P822
UniRef90_M0CGB6
UniRef90_Q0AB01
UniRef90_E8RIW2
UniRef90_Q07WV5
UniRef90_H2FZ28
UniRef90_F3Z370
UniRef90_D2C1K1
UniRef90_E6VR93
UniRef90_L7ZM96
UniRef90_A6D830
UniRef90_J7GA14
UniRef90_C9P4R1
UniRef90_B8ILC3
UniRef90_G2E457
UniRef90_A1HUC8
UniRef90_E6XKW2
UniRef90_X4R102
UniRef90_J3JFG9
UniRef90_F2LUE5
UniRef90_R9KUJ7
UniRef90_H5WJI3
UniRef90_W0LHZ0
UniRef90_A0A023VBL5
UniRef90_B6EKW3
UniRef90_X7IEB9
UniRef90_A8FSU7
UniRef90_B2VJI9
UniRef90_S5ZXF0
UniRef90_S7V1Z0
UniRef90_A8FYP2
UniRef90_UPI00046AD66C
UniRef90_A6GP24
UniRef90_UPI0002E35D4D
UniRef90_G7SSD6
UniRef90_F0JDD1
UniRef90_F2Z5Z9
UniRef90_K9HQZ1
UniRef90_W4RI19
UniRef90_H1SAI7
UniRef90_C8WKY1
UniRef90_A4WA71
UniRef90_UPI00046A323F
UniRef90_C6BBK2
UniRef90_M0JJ10
UniRef90_V5ASV6
UniRef90_U2M224
UniRef90_M1P768
UniRef90_B8KDD5
UniRef90_A8H7X2
UniRef90_F9H7S0
UniRef90_B1KMC3
UniRef90_L0MJ74
UniRef90_UPI00040A963D
UniRef90_UPI0004771727
UniRef90_UPI00040BE029
UniRef90_B1KRM6
UniRef90_T4BZD5
UniRef90_E3GCA8
UniRef90_L0M7D8
UniRef90_V4IJ77
UniRef90_K8PUL8
UniRef90_UPI0002D8FA52
UniRef90_G8PI51
UniRef90_S5ST97
UniRef90_A0A024IHE4
UniRef90_K8VYM2
UniRef90_P44102
UniRef90_D1NZB3
UniRef90_UPI00037E62A5
UniRef90_F8VCK1
UniRef90_H5V2D2
UniRef90_G2FI20
UniRef90_UPI0004658346
UniRef90_F0JK52
UniRef90_U3BF01
UniRef90_M4R878
UniRef90_V3D1K7
UniRef90_UPI0004756800
UniRef90_K8X372
UniRef90_V5BKK5
UniRef90_C9QKN9
UniRef90_K8WDY8
UniRef90_UPI0003B3F92B
UniRef90_UPI0004702F7E
UniRef90_M1K5I9
UniRef90_Q5V2J0
UniRef90_X8M0K0
UniRef90_UPI0003297B9D
UniRef90_UPI00036EB615
UniRef90_C7NNI8

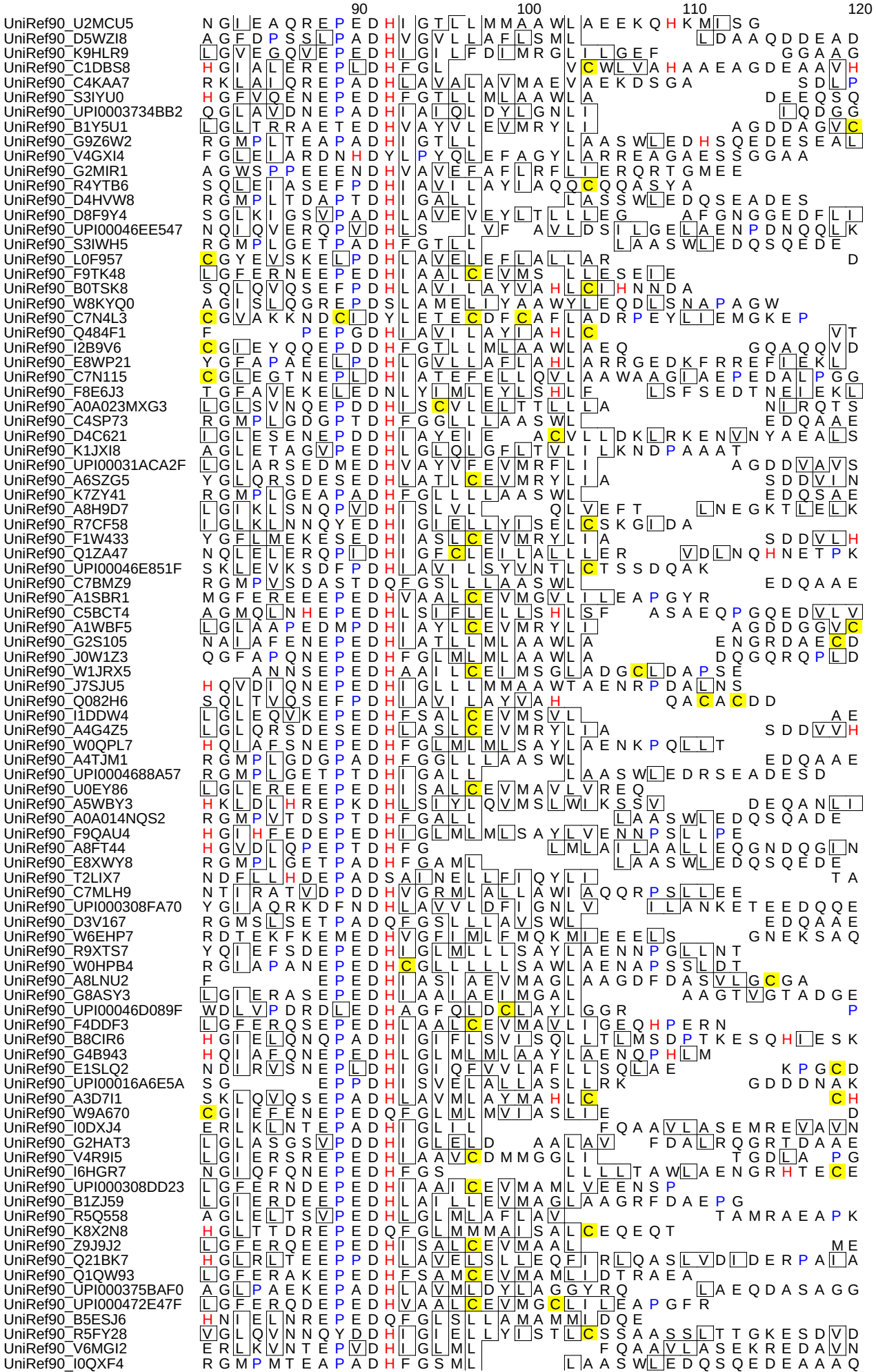

90
100
110
120
UniRef90_B1VG99
UniRef90_F2P822
UniRef90_M0CGB6
UniRef90_Q0AB01
UniRef90_E8RIW2
UniRef90_Q07WV5
UniRef90_H2FZ28
UniRef90_F3Z370
UniRef90_D2C1K1
UniRef90_E6VR93
UniRef90_L7ZM96
UniRef90_A6D830
UniRef90_J7GA14
UniRef90_C9P4R1
UniRef90_B8ILC3
UniRef90_G2E457
UniRef90_A1HUC8
UniRef90_E6XKW2
UniRef90_X4R102
UniRef90_J3JFG9
UniRef90_F2LUE5
UniRef90_R9KUJ7
UniRef90_H5WJI3
UniRef90_W0LHZ0
UniRef90_A0A023VBL5
UniRef90_B6EKW3
UniRef90_X7IEB9
UniRef90_A8FSU7
UniRef90_B2VJI9
UniRef90_S5ZXF0
UniRef90_S7V1Z0
UniRef90_A8FYP2
UniRef90_UPI00046AD66C
UniRef90_A6GP24
UniRef90_UPI0002E35D4D
UniRef90_G7SSD6
UniRef90_F0JDD1
UniRef90_F2Z5Z9
UniRef90_K9HQZ1
UniRef90_W4RI19
UniRef90_H1SAI7
UniRef90_C8WKY1
UniRef90_A4WA71
UniRef90_UPI00046A323F
UniRef90_C6BBK2
UniRef90_M0JJ10
UniRef90_V5ASV6
UniRef90_U2M224
UniRef90_M1P768
UniRef90_B8KDD5
UniRef90_A8H7X2
UniRef90_F9H7S0
UniRef90_B1KMC3
UniRef90_L0MJ74
UniRef90_UPI00040A963D
UniRef90_UPI0004771727
UniRef90_UPI00040BE029
UniRef90_B1KRM6
UniRef90_T4BZD5
UniRef90_E3GCA8
UniRef90_L0M7D8
UniRef90_V4IJ77
UniRef90_K8PUL8
UniRef90_UPI0002D8FA52
UniRef90_G8PI51
UniRef90_S5ST97
UniRef90_A0A024IHE4
UniRef90_K8VYM2
UniRef90_P44102
UniRef90_D1NZB3
UniRef90_UPI00037E62A5
UniRef90_F8VCK1
UniRef90_H5V2D2
UniRef90_G2FI20
UniRef90_UPI0004658346
UniRef90_F0JK52
UniRef90_U3BF01
UniRef90_M4R878
UniRef90_V3D1K7
UniRef90_UPI0004756800
UniRef90_K8X372
UniRef90_V5BKK5
UniRef90_C9QKN9
UniRef90_K8WDY8
UniRef90_UPI0003B3F92B
UniRef90_UPI0004702F7E
UniRef90_M1K5I9
UniRef90_Q5V2J0
UniRef90_X8M0K0
UniRef90_UPI0003297B9D
UniRef90_UPI00036EB615
UniRef90_C7NNI8

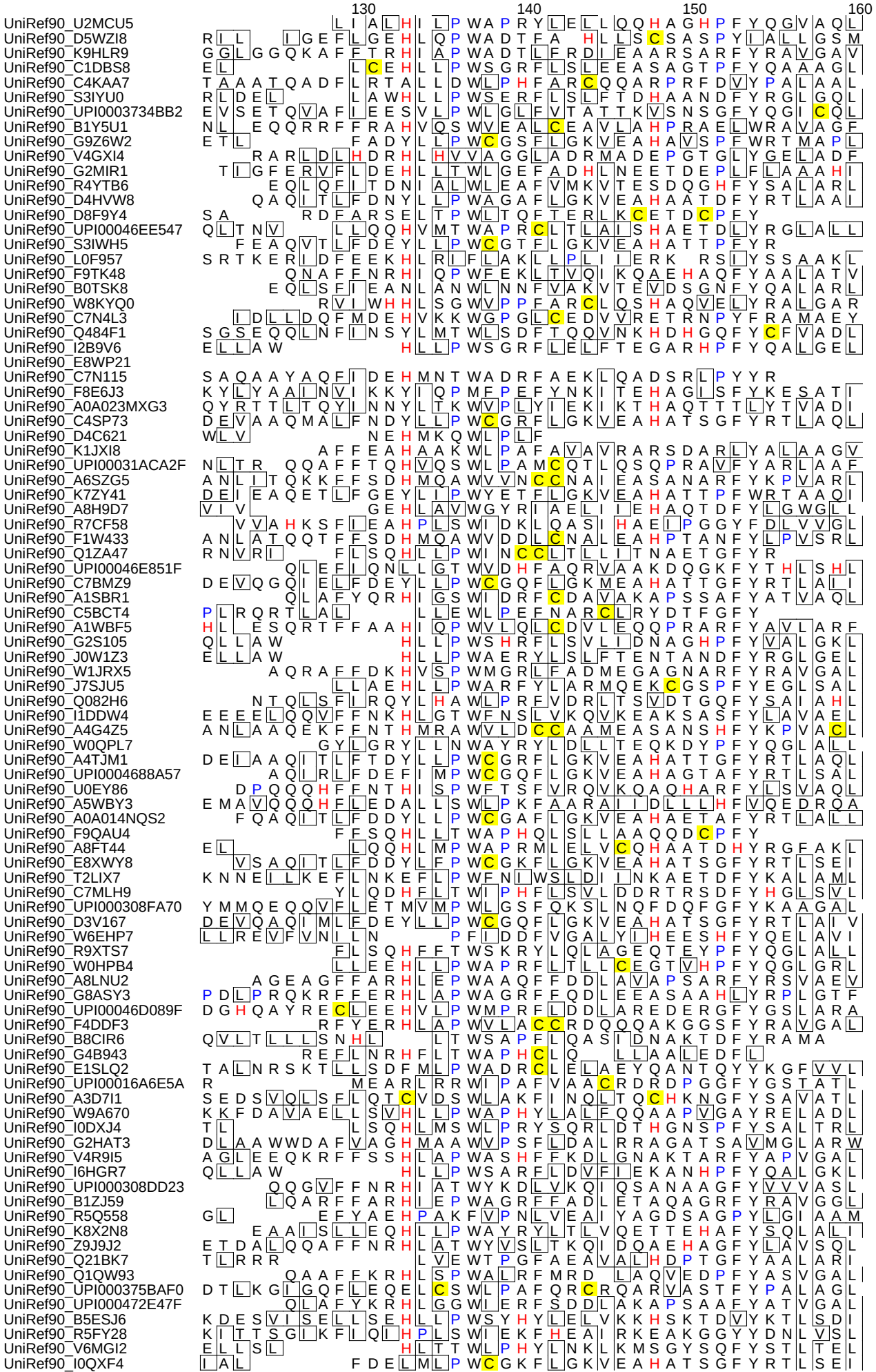

130
140
150
160
UniRef90_B1VG99
UniRef90_F2P822
UniRef90_M0CGB6
UniRef90_Q0AB01
UniRef90_E8RIW2
UniRef90_Q07WV5
UniRef90_H2FZ28
UniRef90_F3Z370
UniRef90_D2C1K1
UniRef90_E6VR93
UniRef90_L7ZM96
UniRef90_A6D830
UniRef90_J7GA14
UniRef90_C9P4R1
UniRef90_B8ILC3
UniRef90_G2E457
UniRef90_A1HUC8
UniRef90_E6XKW2
UniRef90_X4R102
UniRef90_J3JFG9
UniRef90_F2LUE5
UniRef90_R9KUJ7
UniRef90_H5WJI3
UniRef90_W0LHZ0
UniRef90_A0A023VBL5
UniRef90_B6EKW3
UniRef90_X7IEB9
UniRef90_A8FSU7
UniRef90_B2VJI9
UniRef90_S5ZXF0
UniRef90_S7V1Z0
UniRef90_A8FYP2
UniRef90_UPI00046AD66C
UniRef90_A6GP24
UniRef90_UPI0002E35D4D
UniRef90_G7SSD6
UniRef90_F0JDD1
UniRef90_F2Z5Z9
UniRef90_K9HQZ1
UniRef90_W4RI19
UniRef90_H1SAI7
UniRef90_C8WKY1
UniRef90_A4WA71
UniRef90_UPI00046A323F
UniRef90_C6BBK2
UniRef90_M0JJ10
UniRef90_V5ASV6
UniRef90_U2M224
UniRef90_M1P768
UniRef90_B8KDD5
UniRef90_A8H7X2
UniRef90_F9H7S0
UniRef90_B1KMC3
UniRef90_L0MJ74
UniRef90_UPI00040A963D
UniRef90_UPI0004771727
UniRef90_UPI00040BE029
UniRef90_B1KRM6
UniRef90_T4BZD5
UniRef90_E3GCA8
UniRef90_L0M7D8
UniRef90_V4IJ77
UniRef90_K8PUL8
UniRef90_UPI0002D8FA52
UniRef90_G8PI51
UniRef90_S5ST97
UniRef90_A0A024IHE4
UniRef90_K8VYM2
UniRef90_P44102
UniRef90_D1NZB3
UniRef90_UPI00037E62A5
UniRef90_F8VCK1
UniRef90_H5V2D2
UniRef90_G2FI20
UniRef90_UPI0004658346
UniRef90_F0JK52
UniRef90_U3BF01
UniRef90_M4R878
UniRef90_V3D1K7
UniRef90_UPI0004756800
UniRef90_K8X372
UniRef90_V5BKK5
UniRef90_C9QKN9
UniRef90_K8WDY8
UniRef90_UPI0003B3F92B
UniRef90_UPI0004702F7E
UniRef90_M1K5I9
UniRef90_Q5V2J0
UniRef90_X8M0K0
UniRef90_UPI0003297B9D
UniRef90_UPI00036EB615
UniRef90_C7NNI8

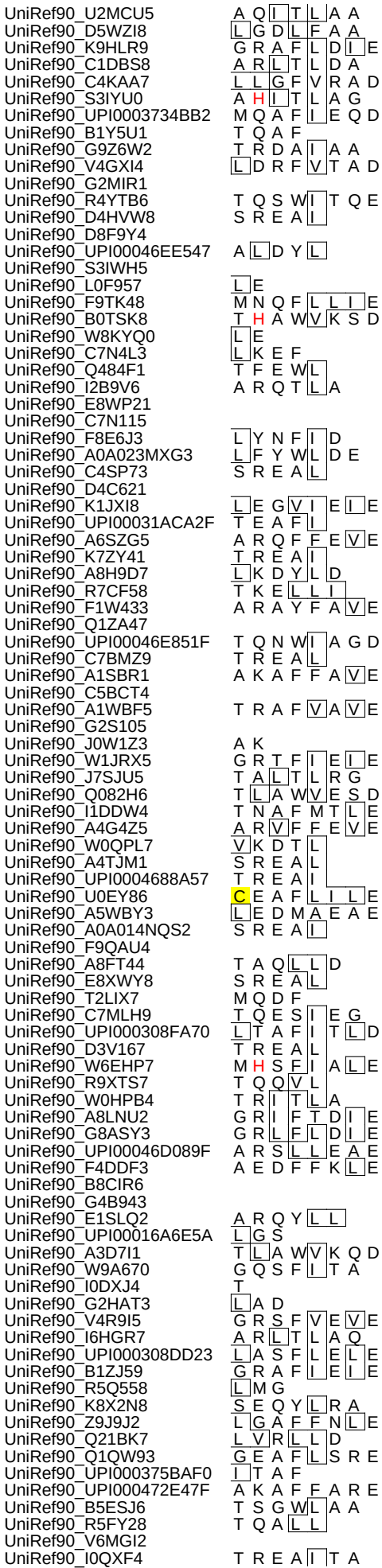
UniRef90_B1VG99 S E G V L A
UniRef90_F2P822 A L Q F L T V E
UniRef90_M0CGB6 C R R L I A A D
UniRef90_Q0AB01 L D A L M A
UniRef90_E8RIW2
UniRef90_Q07WV5 S Q D F
UniRef90_H2FZ28 L Q A V F I M D
UniRef90_F3Z370 T M A
UniRef90_D2C1K1 T H I T L
UniRef90_E6VR93
UniRef90_L7ZM96 T R D A I
UniRef90_A6D830 M E A F F D V E
UniRef90_J7GA14 T R D A I A A
UniRef90_C9P4R1 C K A F L S L E
UniRef90_B8ILC3 G R T F I E I E
UniRef90_G2E457 L E
UniRef90_A1HUC8 I S L F L E H E
UniRef90_E6XKW2
UniRef90_X4R102 T R A A L A G
UniRef90_J3JFG9 L Q G L V E F E
UniRef90_F2LUE5 G T T F L T K E
UniRef90_R9KUJ7 T G A F V R A
UniRef90_H5WJI3 T A A F
UniRef90_W0LHZ0
UniRef90_A0A023VBL5 T R D A I
UniRef90_B6EKW3 A E A F F T V E
UniRef90_X7IEB9 L S S W L D E
UniRef90_A8FSU7 L R
UniRef90_B2VJI9 S R E A I
UniRef90_S5ZXF0 L R E F V A S E
UniRef90_S7V1Z0 L A A W L S A E
UniRef90_A8FYP2 T Q S W I Q A E
UniRef90_UPI00046AD66C M K V F I D F E
UniRef90_A6GP24 T R V F F D V E
UniRef90_UPI0002E35D4D A Q Q F L M I E
UniRef90_G7SSD6 T Q A T L
UniRef90_F0JDD1 I L A L L
UniRef90_F2Z5Z9 L E A F V R A D
UniRef90_K9HQZ1 L V A Y L E R D
UniRef90_W4RI19 M S D N W V E
UniRef90_H1SAI7 L K A F M A V E
UniRef90_C8WKY1
UniRef90_A4WA71
UniRef90_UPI00046A323F A S E Y
UniRef90_C6BBK2 A K A F F D V E
UniRef90_M0JJ10 L D R F V A A D
UniRef90_V5ASV6 S R D A I A A
UniRef90_U2M224 A R H A I A A
UniRef90_M1P768 I D F F T K E E
UniRef90_B8KDD5 L N A F L S L E
UniRef90_A8H7X2 L E S E L
UniRef90_F9H7S0 T A Q T L
UniRef90_B1KMC3 A L D F
UniRef90_L0MJ74
UniRef90_UPI00040A963D L A A V L V R E
UniRef90_UPI0004771727 G R T F I D I E
UniRef90_UPI00040BE029
UniRef90_B1KRM6 T Q S W V T S D
UniRef90_T4BZD5
UniRef90_E3GCA8 T R D A I A A
UniRef90_L0M7D8 T R E A I
UniRef90_V4IJ77 M T D Y L D I E
UniRef90_K8PUL8 G R I F M E L E
UniRef90_UPI0002D8FA52 A Q R F L T I E
UniRef90_G8PI51 L R A L I E R D
UniRef90_S5ST97 T D G F I A
UniRef90_A0A024IHE4 T Q A F I
UniRef90_K8VYM2
UniRef90_P44102 T
UniRef90_D1NZB3 T R D A V I A
UniRef90_UPI00037E62A5
UniRef90_F8VCK1 L S Y W L D E
UniRef90_H5V2D2 I L K T L
UniRef90_G2FI20 L L G
UniRef90_UPI0004658346 T R D A I
UniRef90_F0JK52
UniRef90_U3BF01 A D A F
UniRef90_M4R878 L G E A L L K D
UniRef90_V3D1K7 A Q A T L A Q
UniRef90_UPI0004756800 T R G V L A A
UniRef90_K8X372 A E A Y L
UniRef90_V5BKK5
UniRef90_C9QKN9 A Q A F M T L E
UniRef90_K8WDY8 A K E T L D G
UniRef90_UPI0003B3F92B G A A F
UniRef90_UPI0004702F7E T R E F L A V E
UniRef90_M1K5I9 A R H T L A Q
UniRef90_Q5V2J0 L A A A L I C E
UniRef90_X8M0K0 T Q T Y L V
UniRef90_UPI0003297B9D T R D A L A A
UniRef90_UPI00036EB615
UniRef90_C7NNI8 L E R V V A A D

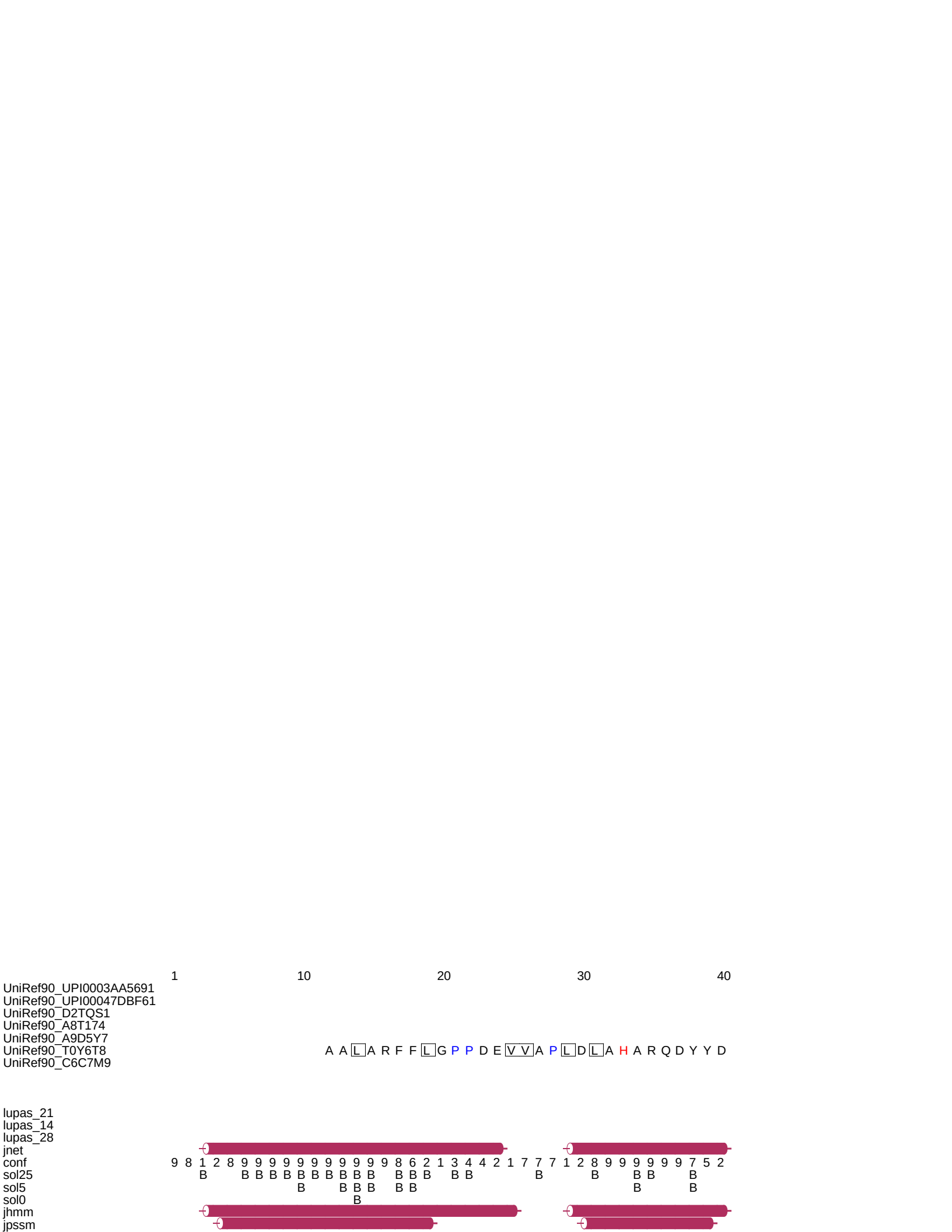

1
10
20
30
40
UniRef90_U2MCU5 L I A E G L T G N Q P E T L S E A Y Q R
UniRef90_D5WZI8
UniRef90_K9HLR9
UniRef90_C1DBS8
UniRef90_C4KAA7
UniRef90_S3IYU0
UniRef90_UPI0003734BB2 A V K Q P E L E L A A D F S E
UniRef90_B1Y5U1
UniRef90_G9Z6W2 L E Q D E L L A R D M Q P V A A D Y N A
UniRef90_V4GXI4
UniRef90_G2MIR1 N E G R D P A E V E N E
UniRef90_R4YTB6
UniRef90_D4HVW8
UniRef90_D8F9Y4 Y M E R N S N L N R F C D I L E A A Y V R
UniRef90_UPI00046EE547 D Y G Q
UniRef90_S3IWH5 V L G S L F Y R Q P Q D P L L V P L F T L I R E G K L A
UniRef90_L0F957
UniRef90_F9TK48
UniRef90_B0TSK8 R S T I Y Q L L S S L F A Q L S S E A A F K A D V D I L V A E L A K
UniRef90_W8KYQ0
UniRef90_C7N4L3
UniRef90_Q484F1 E P S E K L S N
UniRef90_I2B9V6
UniRef90_E8WP21 A H L F G D M L D G S T L S E L Q E E Y V
UniRef90_C7N115
UniRef90_F8E6J3 S S V F M F L S A L F R Y P N E D R E I T P T F K D F L E E Y S D
UniRef90_A0A023MXG3 E
UniRef90_C4SP73 L E Q S E L L T R L Q Q E Y Q P E L L N
UniRef90_D4C621 F N R
UniRef90_K1JXI8
UniRef90_UPI00031ACA2F A R A E V Y G L L S L L Y Y Q A P S A E L L S Q L Q V A V T E A F L E
UniRef90_A6SZG5 A R A D V Y G L L A T L L Y A P P S Q T L L D T I A A A P V Q G D S A
UniRef90_K7ZY41
UniRef90_A8H9D7 L L L D F N Q
UniRef90_R7CF58
UniRef90_F1W433 A R A D L Y G L L A T L F Y A P P S Q A L L D G S A Q S E G E G V L E
UniRef90_Q1ZA47
UniRef90_UPI00046E851F
UniRef90_C7BMZ9 D L S A M Q A D Y I A
UniRef90_A1SBR1
UniRef90_C5BCT4 E A R P D A R L E L A A D F
UniRef90_A1WBF5
UniRef90_G2S105
UniRef90_J0W1Z3
UniRef90_W1JRX5 R E V E R E Y F D
UniRef90_J7SJU5
UniRef90_Q082H6 M N Q G R S M V Y K L L S S L F A Q L A S D P L L S Q D I E T I N S V L N E
UniRef90_I1DDW4
UniRef90_A4G4Z5 A R A D V Y G L L A T L L Y A P P S Q A L L D T I G S A P A E G T G V
UniRef90_W0QPL7 L I A K G L K Q N I S D Y Q A
UniRef90_A4TJM1
UniRef90_UPI0004688A57 S D P Q A L A A D Y N A
UniRef90_U0EY86 R A D I Y L M L S T L F L V D L E I E N A P S D M Q S A W Q A L K Q
UniRef90_A5WBY3
UniRef90_A0A014NQS2
UniRef90_F9QAU4 P Q D A L D E Q Y Q R
UniRef90_A8FT44 D E L K E
UniRef90_E8XWY8 Q A L A A E F N R
UniRef90_T2LIX7 E D D K T
UniRef90_C7MLH9 G R E E L S H E F Q R
UniRef90_UPI000308FA70
UniRef90_D3V167
UniRef90_W6EHP7 S K L A F T N M Q N L L I S G G Y T L L K E E S D T
UniRef90_R9XTS7
UniRef90_W0HPB4
UniRef90_A8LNU2 Y G V L A D T A G A A D A E D V A R E F F E
UniRef90_G8ASY3 E Y H E
UniRef90_UPI00046D089F
UniRef90_F4DDF3
UniRef90_B8CIR6 E L M L D Y G D
UniRef90_G4B943 T A L F A E G L Q Q P L A E Q Y Q A
UniRef90_E1SLQ2
UniRef90_UPI00016A6E5A
UniRef90_A3D7I1 A R A L V Y Q L L S S L F A R E V D E E L T S E A A Q Q F W E Q L S E
UniRef90_W9A670
UniRef90_I0DXJ4
UniRef90_G2HAT3
UniRef90_V4R9I5
UniRef90_I6HGR7
UniRef90_UPI000308DD23
UniRef90_B1ZJ59
UniRef90_R5Q558
UniRef90_K8X2N8
UniRef90_Z9J9J2
UniRef90_Q21BK7
UniRef90_Q1QW93
UniRef90_UPI000375BAF0 P R L E L A A D F A T
UniRef90_UPI000472E47F E Q L E D E Y F D
UniRef90_B5ESJ6 D N E L V A D D F Q R
UniRef90_R5FY28
UniRef90_V6MGI2 N
UniRef90_I0QXF4 D P Q A L A A E F N H

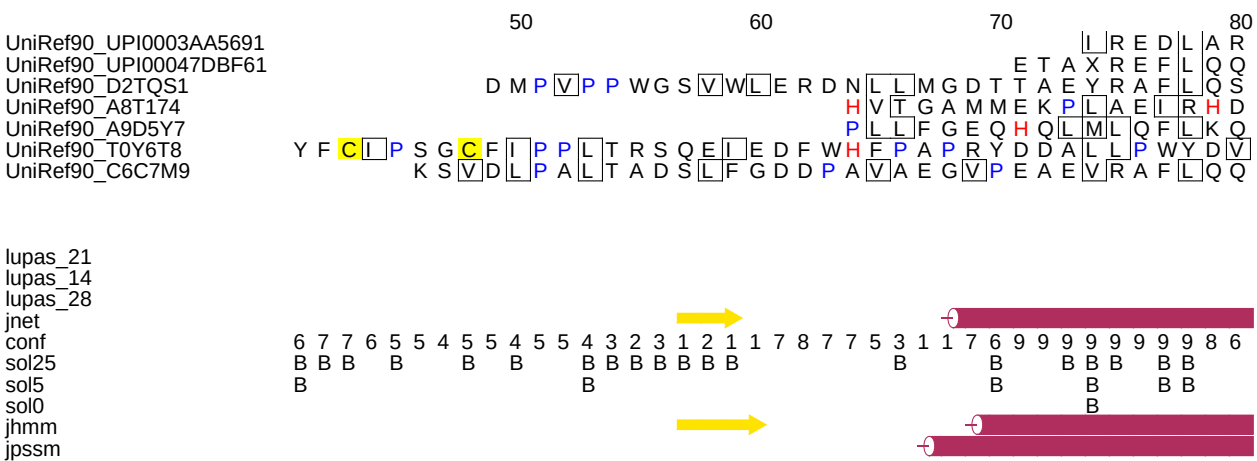

50
60
70
80
UniRef90_U2MCU5
UniRef90_D5WZI8
UniRef90_K9HLR9
UniRef90_C1DBS8
UniRef90_C4KAA7
UniRef90_S3IYU0
UniRef90_UPI0003734BB2
UniRef90_B1Y5U1
UniRef90_G9Z6W2
UniRef90_V4GXI4
UniRef90_G2MIR1
UniRef90_R4YTB6
UniRef90_D4HVW8
UniRef90_D8F9Y4
UniRef90_UPI00046EE547
UniRef90_S3IWH5
UniRef90_L0F957
UniRef90_F9TK48
UniRef90_B0TSK8
UniRef90_W8KYQ0
UniRef90_C7N4L3
UniRef90_Q484F1
UniRef90_I2B9V6
UniRef90_E8WP21
UniRef90_C7N115
UniRef90_F8E6J3
UniRef90_A0A023MXG3
UniRef90_C4SP73
UniRef90_D4C621
UniRef90_K1JXI8
UniRef90_UPI00031ACA2F
UniRef90_A6SZG5
UniRef90_K7ZY41
UniRef90_A8H9D7
UniRef90_R7CF58
UniRef90_F1W433
UniRef90_Q1ZA47
UniRef90_UPI00046E851F
UniRef90_C7BMZ9
UniRef90_A1SBR1
UniRef90_C5BCT4
UniRef90_A1WBF5
UniRef90_G2S105
UniRef90_J0W1Z3
UniRef90_W1JRX5
UniRef90_J7SJU5
UniRef90_Q082H6
UniRef90_I1DDW4
UniRef90_A4G4Z5
UniRef90_W0QPL7
UniRef90_A4TJM1
UniRef90_UPI0004688A57
UniRef90_U0EY86
UniRef90_A5WBY3
UniRef90_A0A014NQS2
UniRef90_F9QAU4
UniRef90_A8FT44
UniRef90_E8XWY8
UniRef90_T2LIX7
UniRef90_C7MLH9
UniRef90_UPI000308FA70
UniRef90_D3V167
UniRef90_W6EHP7
UniRef90_R9XTS7
UniRef90_W0HPB4
UniRef90_A8LNU2
UniRef90_G8ASY3
UniRef90_UPI00046D089F
UniRef90_F4DDF3
UniRef90_B8CIR6
UniRef90_G4B943
UniRef90_E1SLQ2
UniRef90_UPI00016A6E5A
UniRef90_A3D7I1
UniRef90_W9A670
UniRef90_I0DXJ4
UniRef90_G2HAT3
UniRef90_V4R9I5
UniRef90_I6HGR7
UniRef90_UPI000308DD23
UniRef90_B1ZJ59
UniRef90_R5Q558
UniRef90_K8X2N8
UniRef90_Z9J9J2
UniRef90_Q21BK7
UniRef90_Q1QW93
UniRef90_UPI000375BAF0
UniRef90_UPI000472E47F
UniRef90_B5ESJ6
UniRef90_R5FY28
UniRef90_V6MGI2
UniRef90_I0QXF4

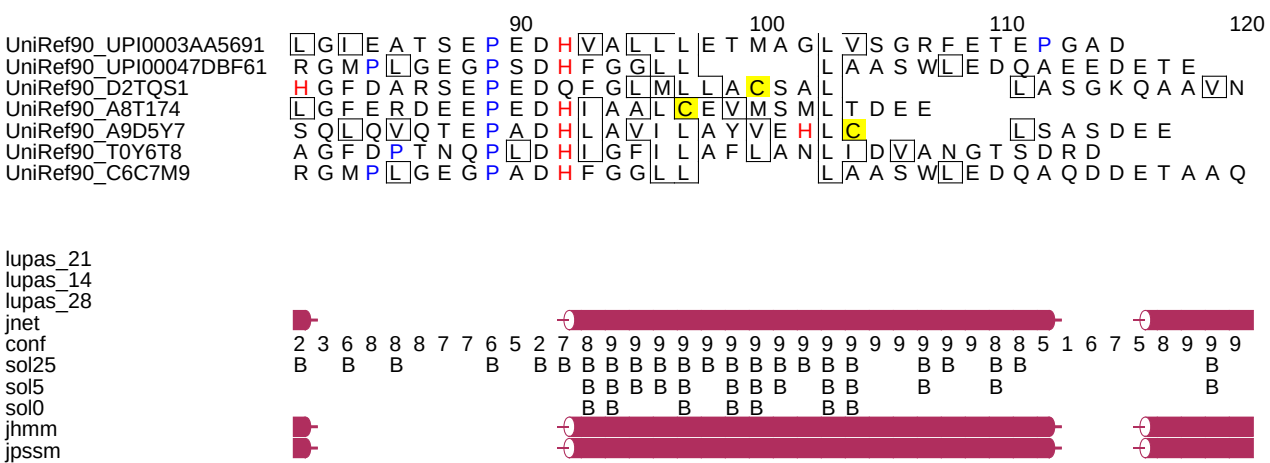

90
100
110
120
UniRef90_U2MCU5
UniRef90_D5WZI8
UniRef90_K9HLR9
UniRef90_C1DBS8
UniRef90_C4KAA7
UniRef90_S3IYU0
UniRef90_UPI0003734BB2
UniRef90_B1Y5U1
UniRef90_G9Z6W2
UniRef90_V4GXI4
UniRef90_G2MIR1
UniRef90_R4YTB6
UniRef90_D4HVW8
UniRef90_D8F9Y4
UniRef90_UPI00046EE547
UniRef90_S3IWH5
UniRef90_L0F957
UniRef90_F9TK48
UniRef90_B0TSK8
UniRef90_W8KYQ0
UniRef90_C7N4L3
UniRef90_Q484F1
UniRef90_I2B9V6
UniRef90_E8WP21
UniRef90_C7N115
UniRef90_F8E6J3
UniRef90_A0A023MXG3
UniRef90_C4SP73
UniRef90_D4C621
UniRef90_K1JXI8
UniRef90_UPI00031ACA2F
UniRef90_A6SZG5
UniRef90_K7ZY41
UniRef90_A8H9D7
UniRef90_R7CF58
UniRef90_F1W433
UniRef90_Q1ZA47
UniRef90_UPI00046E851F
UniRef90_C7BMZ9
UniRef90_A1SBR1
UniRef90_C5BCT4
UniRef90_A1WBF5
UniRef90_G2S105
UniRef90_J0W1Z3
UniRef90_W1JRX5
UniRef90_J7SJU5
UniRef90_Q082H6
UniRef90_I1DDW4
UniRef90_A4G4Z5
UniRef90_W0QPL7
UniRef90_A4TJM1
UniRef90_UPI0004688A57
UniRef90_U0EY86
UniRef90_A5WBY3
UniRef90_A0A014NQS2
UniRef90_F9QAU4
UniRef90_A8FT44
UniRef90_E8XWY8
UniRef90_T2LIX7
UniRef90_C7MLH9
UniRef90_UPI000308FA70
UniRef90_D3V167
UniRef90_W6EHP7
UniRef90_R9XTS7
UniRef90_W0HPB4
UniRef90_A8LNU2
UniRef90_G8ASY3
UniRef90_UPI00046D089F
UniRef90_F4DDF3
UniRef90_B8CIR6
UniRef90_G4B943
UniRef90_E1SLQ2
UniRef90_UPI00016A6E5A
UniRef90_A3D7I1
UniRef90_W9A670
UniRef90_I0DXJ4
UniRef90_G2HAT3
UniRef90_V4R9I5
UniRef90_I6HGR7
UniRef90_UPI000308DD23
UniRef90_B1ZJ59
UniRef90_R5Q558
UniRef90_K8X2N8
UniRef90_Z9J9J2
UniRef90_Q21BK7
UniRef90_Q1QW93
UniRef90_UPI000375BAF0
UniRef90_UPI000472E47F
UniRef90_B5ESJ6
UniRef90_R5FY28
UniRef90_V6MGI2
UniRef90_I0QXF4

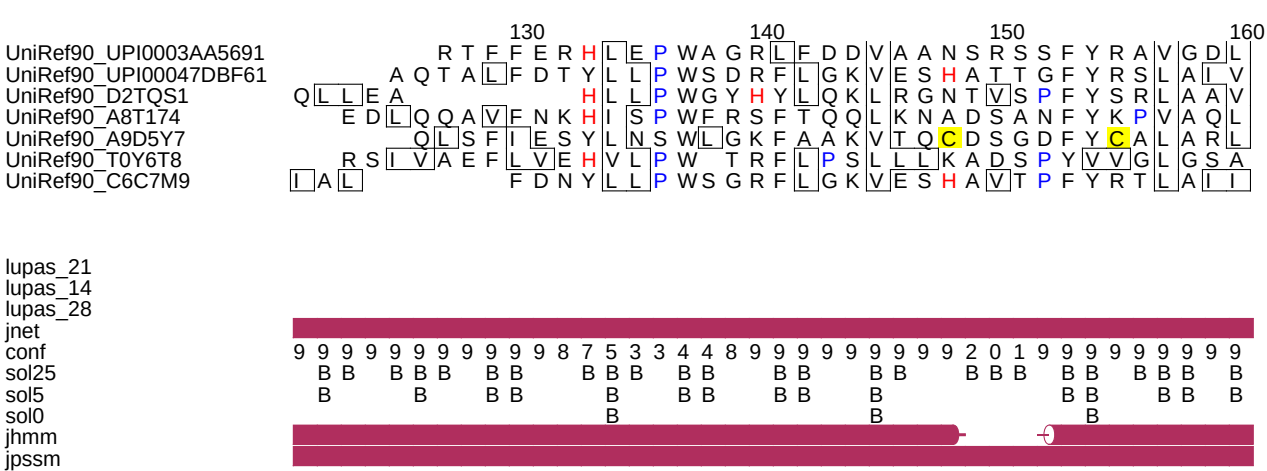

130
140
150
160
UniRef90_U2MCU5
UniRef90_D5WZI8
UniRef90_K9HLR9
UniRef90_C1DBS8
UniRef90_C4KAA7
UniRef90_S3IYU0
UniRef90_UPI0003734BB2
UniRef90_B1Y5U1
UniRef90_G9Z6W2
UniRef90_V4GXI4
UniRef90_G2MIR1
UniRef90_R4YTB6
UniRef90_D4HVW8
UniRef90_D8F9Y4
UniRef90_UPI00046EE547
UniRef90_S3IWH5
UniRef90_L0F957
UniRef90_F9TK48
UniRef90_B0TSK8
UniRef90_W8KYQ0
UniRef90_C7N4L3
UniRef90_Q484F1
UniRef90_I2B9V6
UniRef90_E8WP21
UniRef90_C7N115
UniRef90_F8E6J3
UniRef90_A0A023MXG3
UniRef90_C4SP73
UniRef90_D4C621
UniRef90_K1JXI8
UniRef90_UPI00031ACA2F
UniRef90_A6SZG5
UniRef90_K7ZY41
UniRef90_A8H9D7
UniRef90_R7CF58
UniRef90_F1W433
UniRef90_Q1ZA47
UniRef90_UPI00046E851F
UniRef90_C7BMZ9
UniRef90_A1SBR1
UniRef90_C5BCT4
UniRef90_A1WBF5
UniRef90_G2S105
UniRef90_J0W1Z3
UniRef90_W1JRX5
UniRef90_J7SJU5
UniRef90_Q082H6
UniRef90_I1DDW4
UniRef90_A4G4Z5
UniRef90_W0QPL7
UniRef90_A4TJM1
UniRef90_UPI0004688A57
UniRef90_U0EY86
UniRef90_A5WBY3
UniRef90_A0A014NQS2
UniRef90_F9QAU4
UniRef90_A8FT44
UniRef90_E8XWY8
UniRef90_T2LIX7
UniRef90_C7MLH9
UniRef90_UPI000308FA70
UniRef90_D3V167
UniRef90_W6EHP7
UniRef90_R9XTS7
UniRef90_W0HPB4
UniRef90_A8LNU2
UniRef90_G8ASY3
UniRef90_UPI00046D089F
UniRef90_F4DDF3
UniRef90_B8CIR6
UniRef90_G4B943
UniRef90_E1SLQ2
UniRef90_UPI00016A6E5A
UniRef90_A3D7I1
UniRef90_W9A670
UniRef90_I0DXJ4
UniRef90_G2HAT3
UniRef90_V4R9I5
UniRef90_I6HGR7
UniRef90_UPI000308DD23
UniRef90_B1ZJ59
UniRef90_R5Q558
UniRef90_K8X2N8
UniRef90_Z9J9J2
UniRef90_Q21BK7
UniRef90_Q1QW93
UniRef90_UPI000375BAF0
UniRef90_UPI000472E47F
UniRef90_B5ESJ6
UniRef90_R5FY28
UniRef90_V6MGI2
UniRef90_I0QXF4

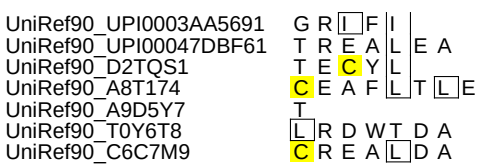

UniRef90_U2MCU5 A Q I T L A A
UniRef90_D5WZI8 L G D L F A A
UniRef90_K9HLR9 G R A F L D I E
UniRef90_C1DBS8 A R L T L D A
UniRef90_C4KAA7 L L G F V R A D
UniRef90_S3IYU0 A H I T L A G
UniRef90_UPI0003734BB2 M Q A F I E Q D
UniRef90_B1Y5U1 T Q A F
UniRef90_G9Z6W2 T R D A I A A
UniRef90_V4GXI4 L D R F V T A D
UniRef90_G2MIR1
UniRef90_R4YTB6 T Q S W I T Q E
UniRef90_D4HVW8 S R E A I
UniRef90_D8F9Y4
UniRef90_UPI00046EE547 A L D Y L
UniRef90_S3IWH5
UniRef90_L0F957 L E
UniRef90_F9TK48 M N Q F L L I E
UniRef90_B0TSK8 T H A W V K S D
UniRef90_W8KYQ0 L E
UniRef90_C7N4L3 L K E F
UniRef90_Q484F1 T F E W L
UniRef90_I2B9V6 A R Q T L A
UniRef90_E8WP21
UniRef90_C7N115
UniRef90_F8E6J3 L Y N F I D
UniRef90_A0A023MXG3 L F Y W L D E
UniRef90_C4SP73 S R E A L
UniRef90_D4C621
UniRef90_K1JXI8 L E G V I E I E
UniRef90_UPI00031ACA2F T E A F I
UniRef90_A6SZG5 A R Q F F E V E
UniRef90_K7ZY41 T R E A I
UniRef90_A8H9D7 L K D Y L D
UniRef90_R7CF58 T K E L L I
UniRef90_F1W433 A R A Y F A V E
UniRef90_Q1ZA47
UniRef90_UPI00046E851F T Q N W I A G D
UniRef90_C7BMZ9 T R E A L
UniRef90_A1SBR1 A K A F F A V E
UniRef90_C5BCT4
UniRef90_A1WBF5 T R A F V A V E
UniRef90_G2S105
UniRef90_J0W1Z3 A K
UniRef90_W1JRX5 G R T F I E I E
UniRef90_J7SJU5 T A L T L R G
UniRef90_Q082H6 T L A W V E S D
UniRef90_I1DDW4 T N A F M T L E
UniRef90_A4G4Z5 A R V F F E V E
UniRef90_W0QPL7 V K D T L
UniRef90_A4TJM1 S R E A L
UniRef90_UPI0004688A57 T R E A I
UniRef90_U0EY86 C E A F L I L E
UniRef90_A5WBY3 L E D M A E A E
UniRef90_A0A014NQS2 S R E A I
UniRef90_F9QAU4
UniRef90_A8FT44 T A Q L L D
UniRef90_E8XWY8 S R E A L
UniRef90_T2LIX7 M Q D F
UniRef90_C7MLH9 T Q E S I E G
UniRef90_UPI000308FA70 L T A F I T L D
UniRef90_D3V167 T R E A L
UniRef90_W6EHP7 M H S F I A L E
UniRef90_R9XTS7 T Q Q V L
UniRef90_W0HPB4 T R I T L A
UniRef90_A8LNU2 G R I F T D I E
UniRef90_G8ASY3 G R L F L D I E
UniRef90_UPI00046D089F A R S L L E A E
UniRef90_F4DDF3 A E D F F K L E
UniRef90_B8CIR6
UniRef90_G4B943
UniRef90_E1SLQ2 A R Q Y L L
UniRef90_UPI00016A6E5A L G S
UniRef90_A3D7I1 T L A W V K Q D
UniRef90_W9A670 G Q S F I T A
UniRef90_I0DXJ4 T
UniRef90_G2HAT3 L A D
UniRef90_V4R9I5 G R S F V E V E
UniRef90_I6HGR7 A R L T L A Q
UniRef90_UPI000308DD23 L A S F L E L E
UniRef90_B1ZJ59 G R A F I E I E
UniRef90_R5Q558 L M G
UniRef90_K8X2N8 S E Q Y L R A
UniRef90_Z9J9J2 L G A F F N L E
UniRef90_Q21BK7 L V R L L D
UniRef90_Q1QW93 G E A F L S R E
UniRef90_UPI000375BAF0 I T A F
UniRef90_UPI000472E47F A K A F F A R E
UniRef90_B5ESJ6 T S G W L A A
UniRef90_R5FY28 T Q A L L
UniRef90_V6MGI2
UniRef90_I0QXF4 T R E A I T A

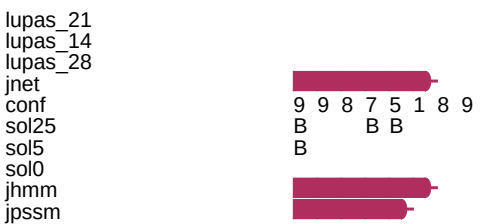

1
10
20
30
40
UniRef90_UPI0003AA5691
UniRef90_UPI00047DBF61
UniRef90_D2TQS1
UniRef90_A8T174
UniRef90_A9D5Y7
UniRef90_T0Y6T8
UniRef90_C6C7M9
A A L A R F F L G P P D E V V A P L D L A H A R Q D Y Y D
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


50
60
70
80
UniRef90_UPI0003AA5691
UniRef90_UPI00047DBF61
UniRef90_D2TQS1
UniRef90_A8T174
UniRef90_A9D5Y7
UniRef90_T0Y6T8
UniRef90_C6C7M9
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


90
100
110
120
UniRef90_UPI0003AA5691
UniRef90_UPI00047DBF61
UniRef90_D2TQS1
UniRef90_A8T174
UniRef90_A9D5Y7
UniRef90_T0Y6T8
UniRef90_C6C7M9
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


130
140
150
160
UniRef90_UPI0003AA5691
UniRef90_UPI00047DBF61
UniRef90_D2TQS1
UniRef90_A8T174
UniRef90_A9D5Y7
UniRef90_T0Y6T8
UniRef90_C6C7M9
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


UniRef90_UPI0003AA5691 G R I F I
UniRef90_UPI00047DBF61 T R E A L E A
UniRef90_D2TQS1 T E C Y L
UniRef90_A8T174 C E A F L T L E
UniRef90_A9D5Y7 T
UniRef90_T0Y6T8 L R D W T D A
UniRef90_C6C7M9 C R E A L D A


lupas_21
lupas_14
lupas_28
jnet
conf 9 9 8 7 5 1 8 9
sol25 B B B
sol5 B
sol0
jhmm
jpssm