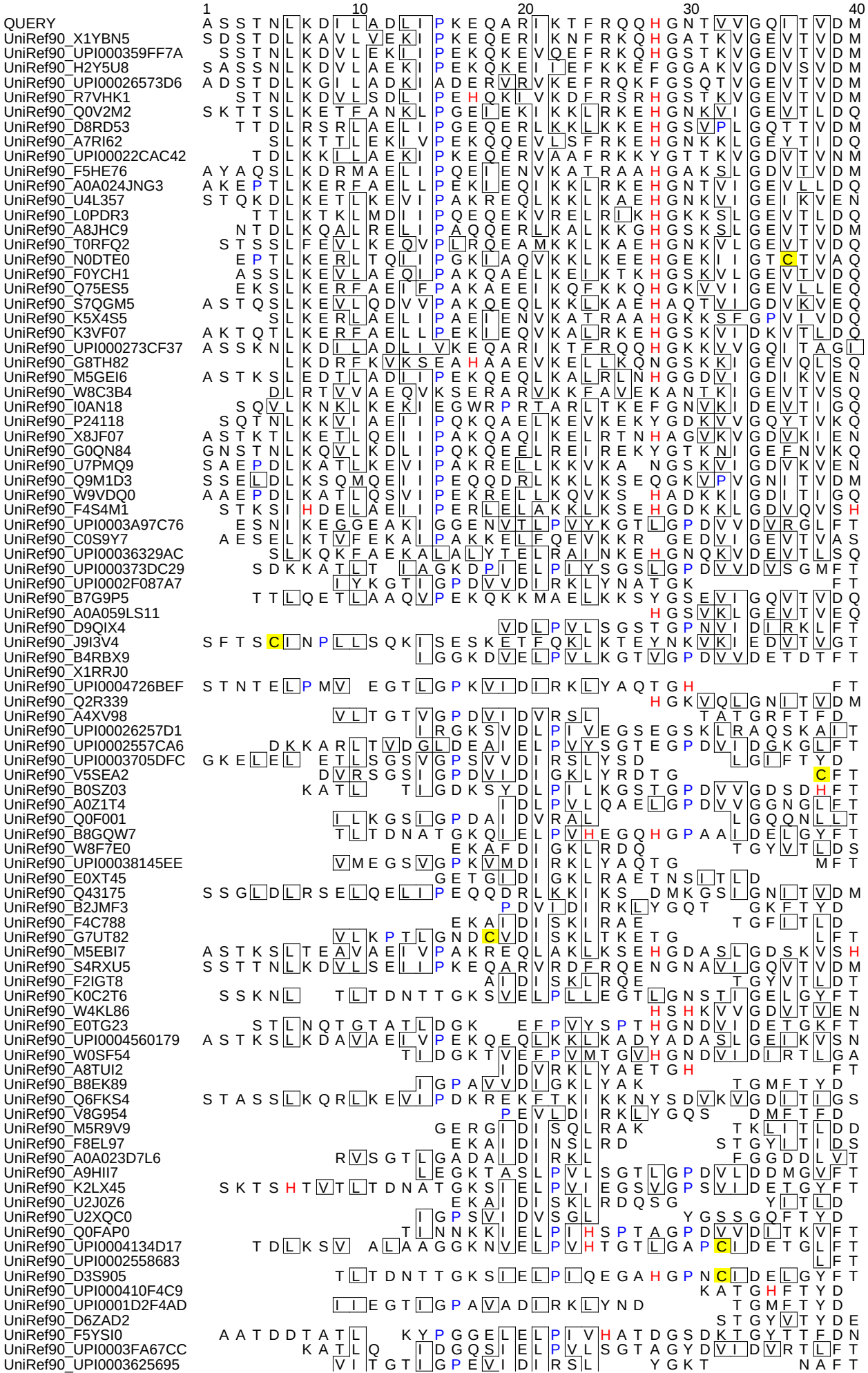
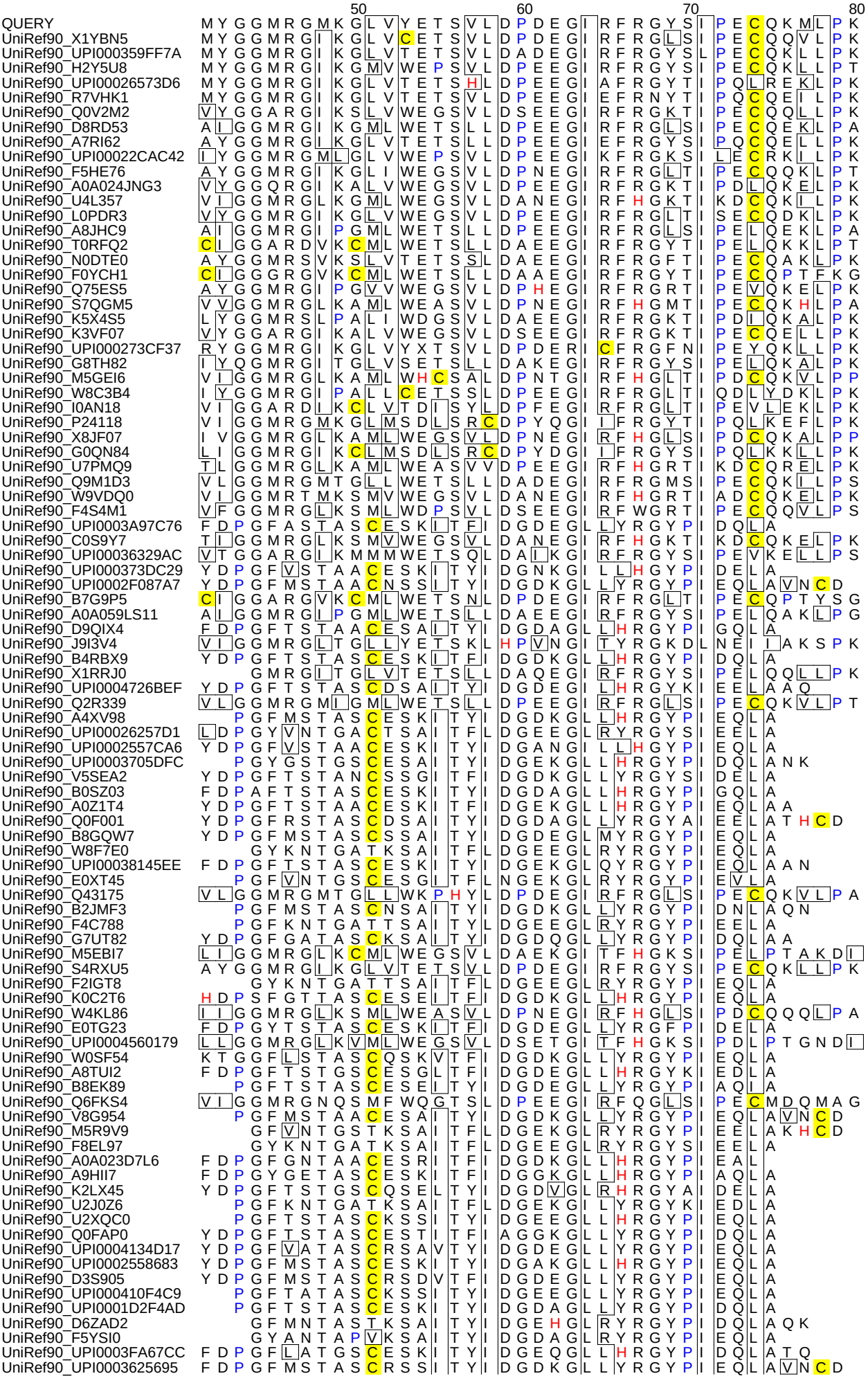
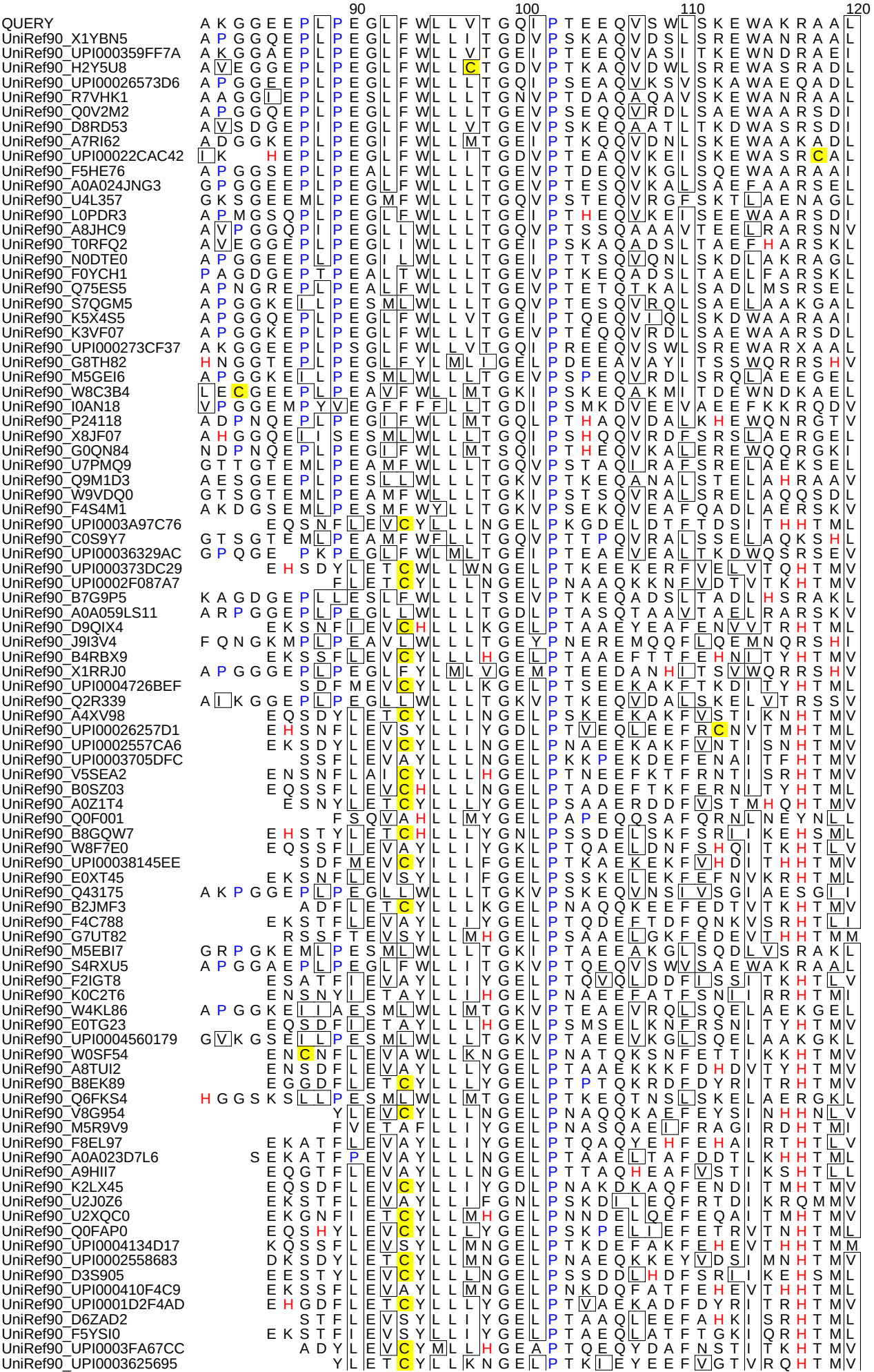
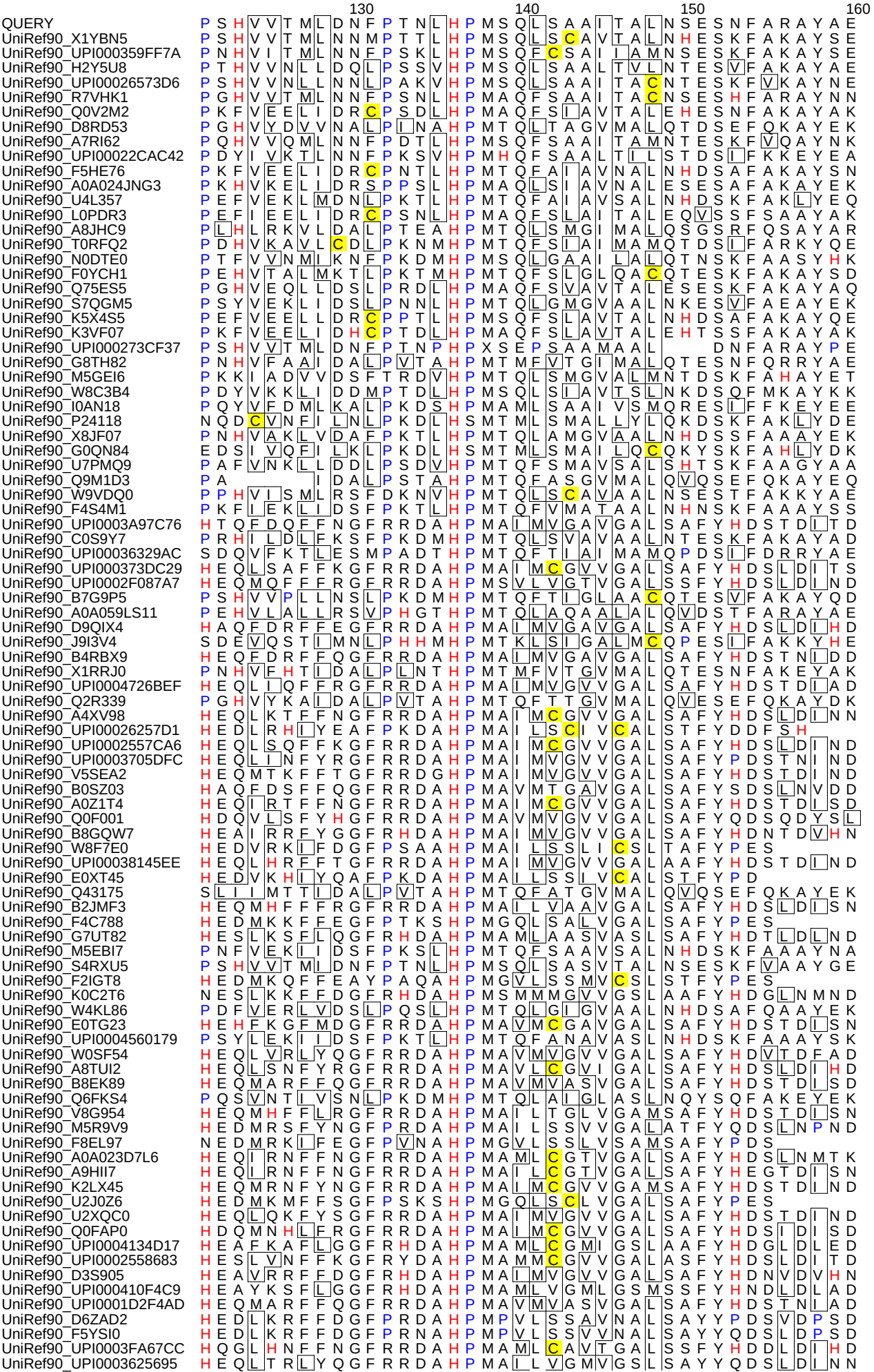
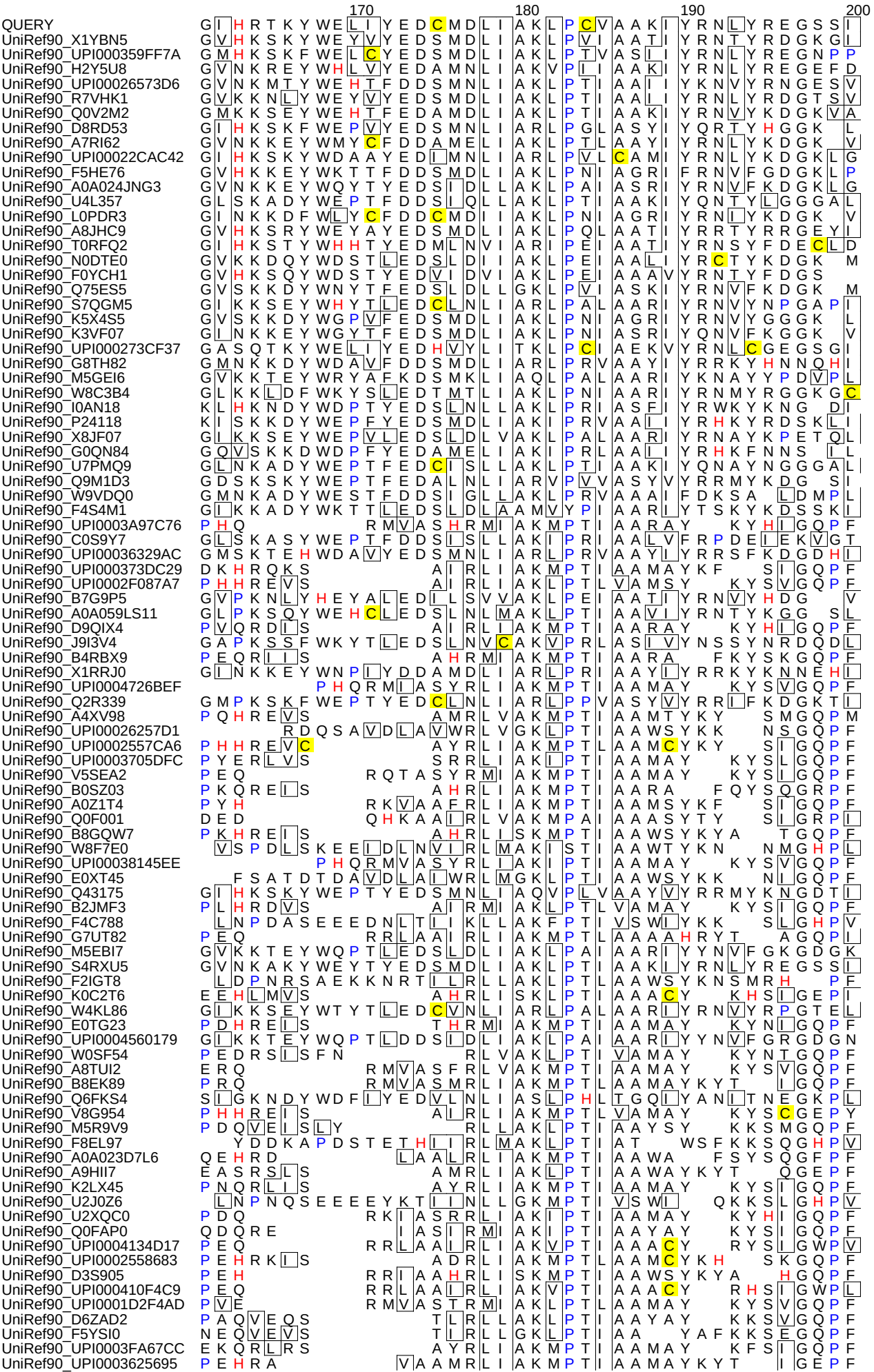
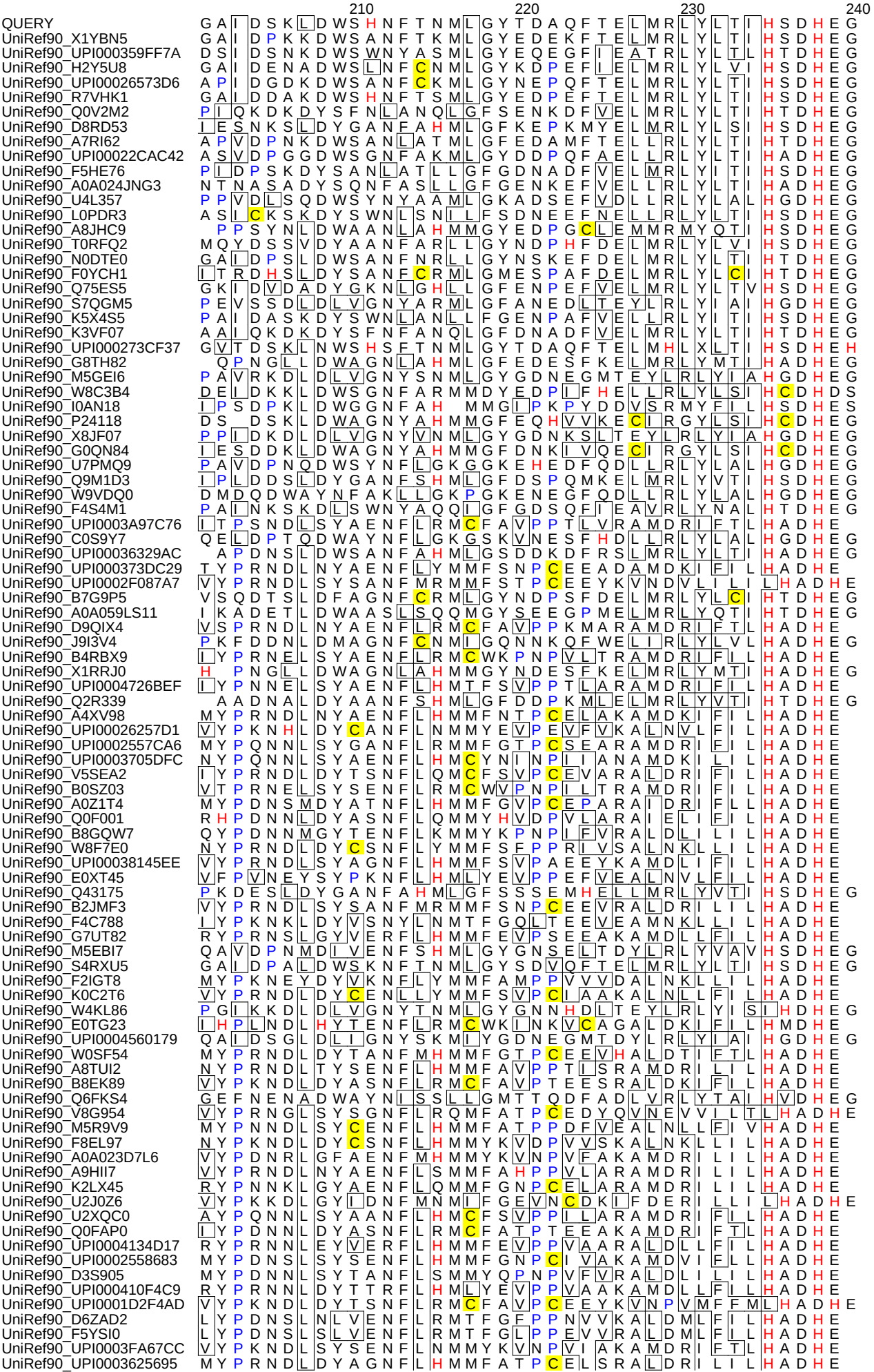

1
10
20
30
40
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

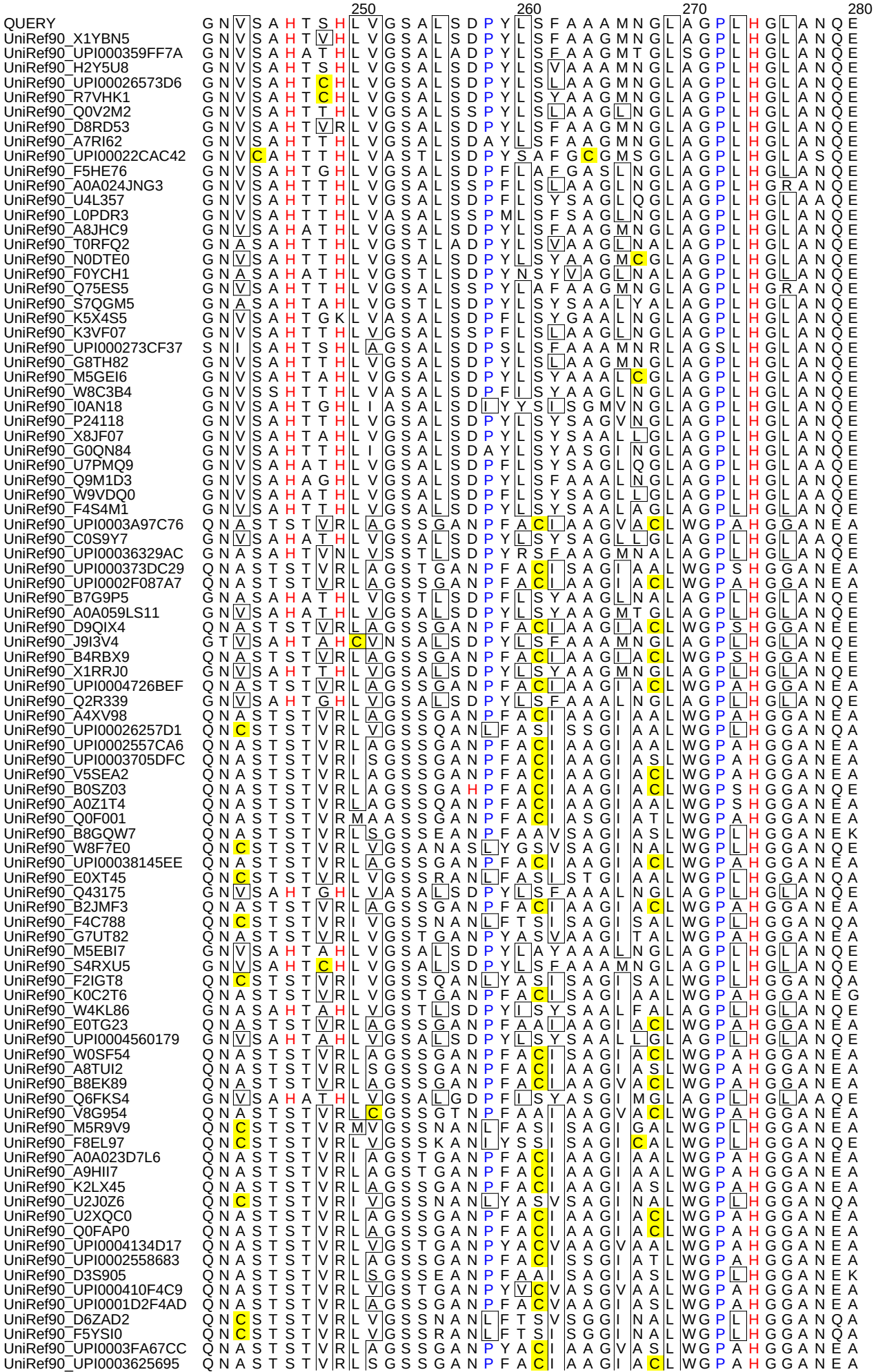

50
60
70
80
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

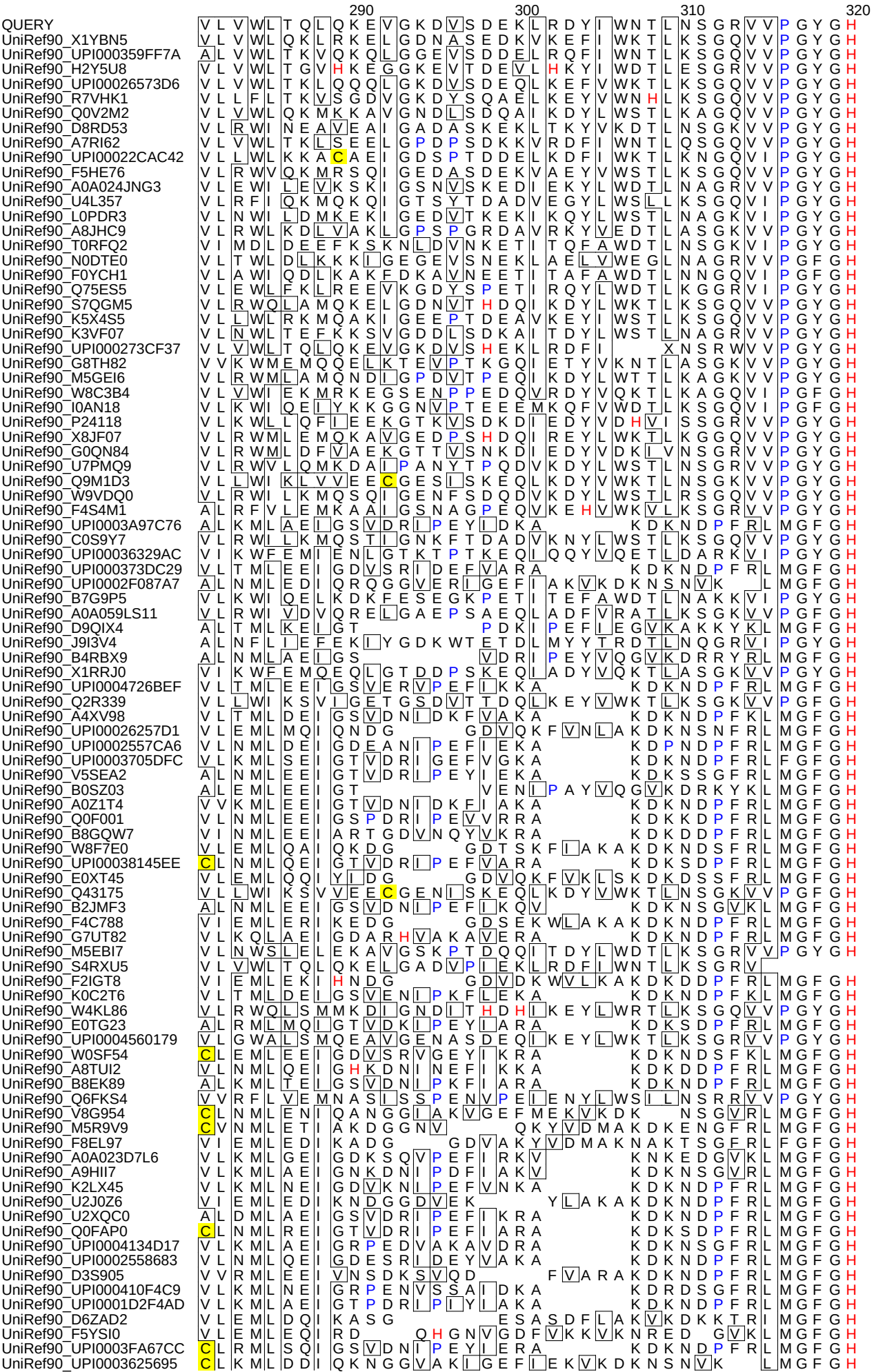

90
100
110
120
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

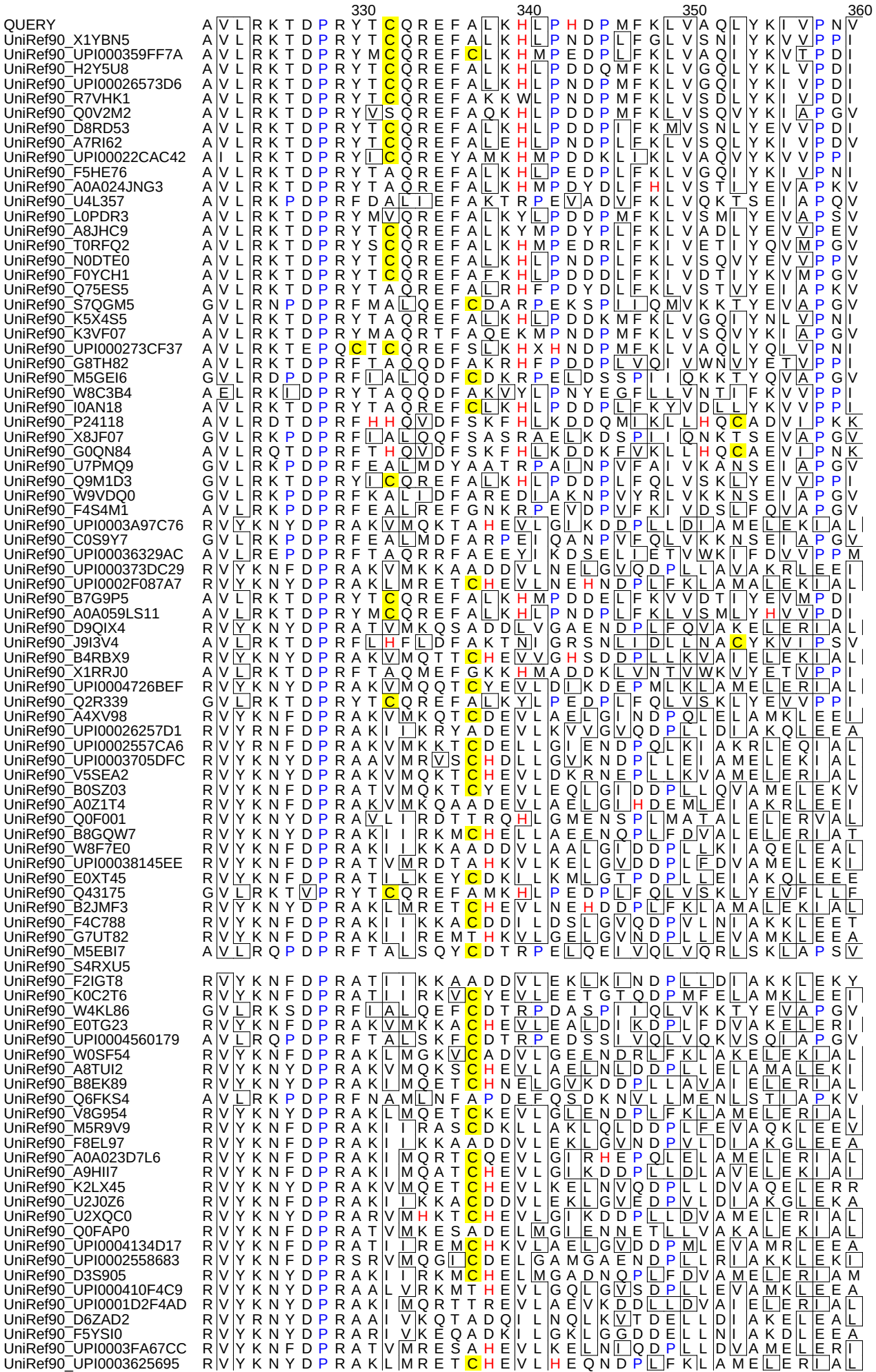

130
140
150
160
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

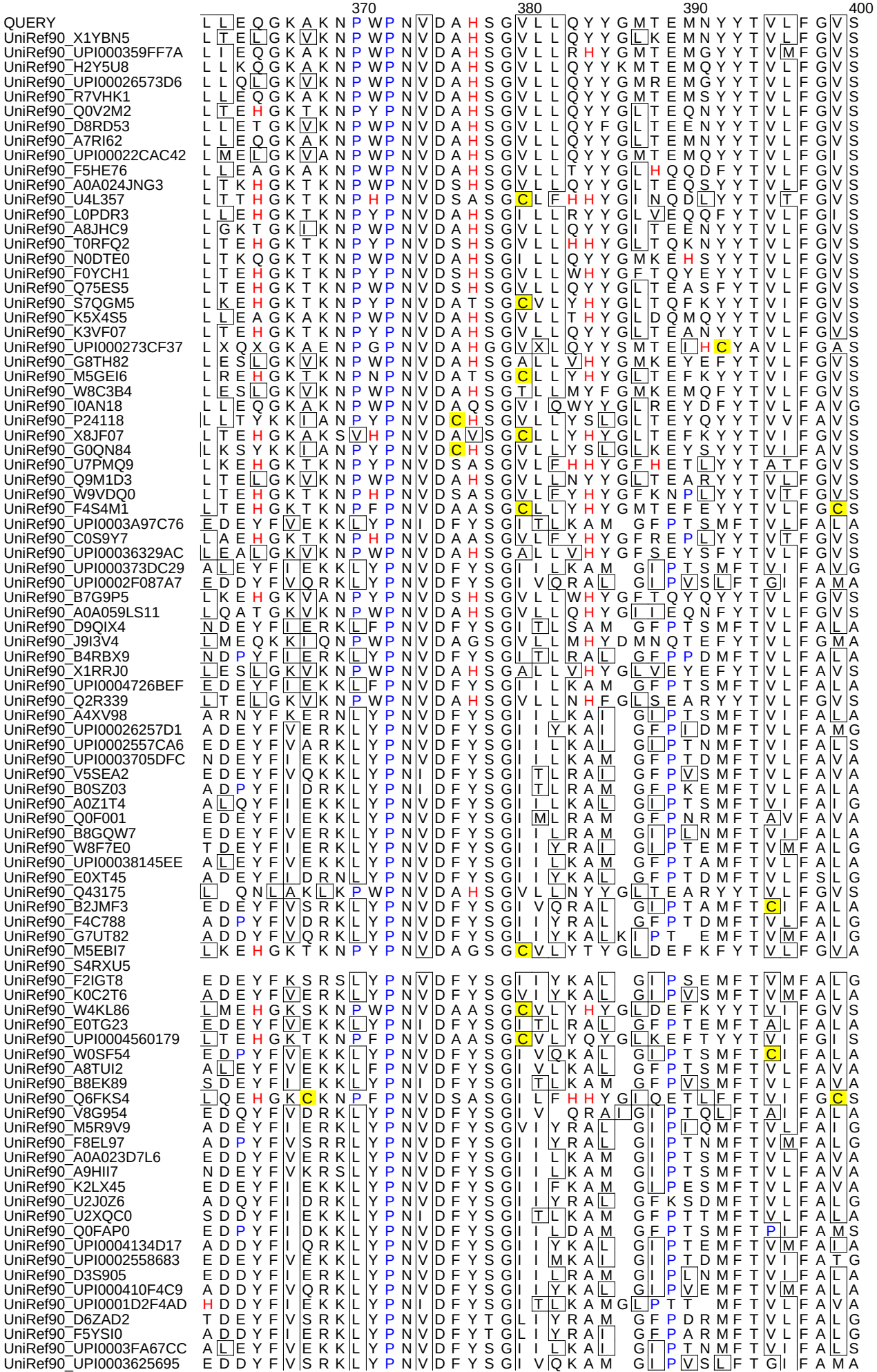

170
180
190
200
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

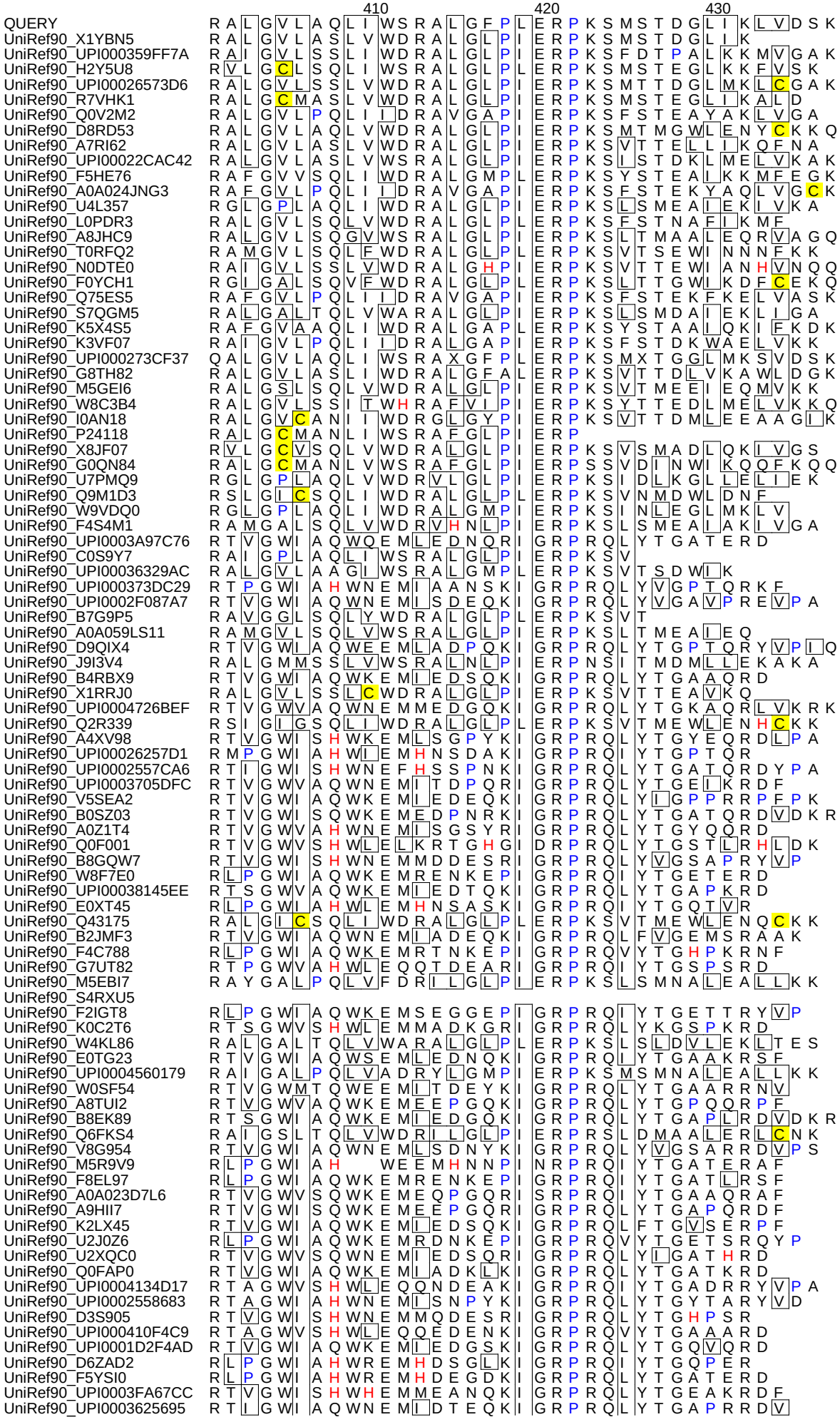

210
220
230
240
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

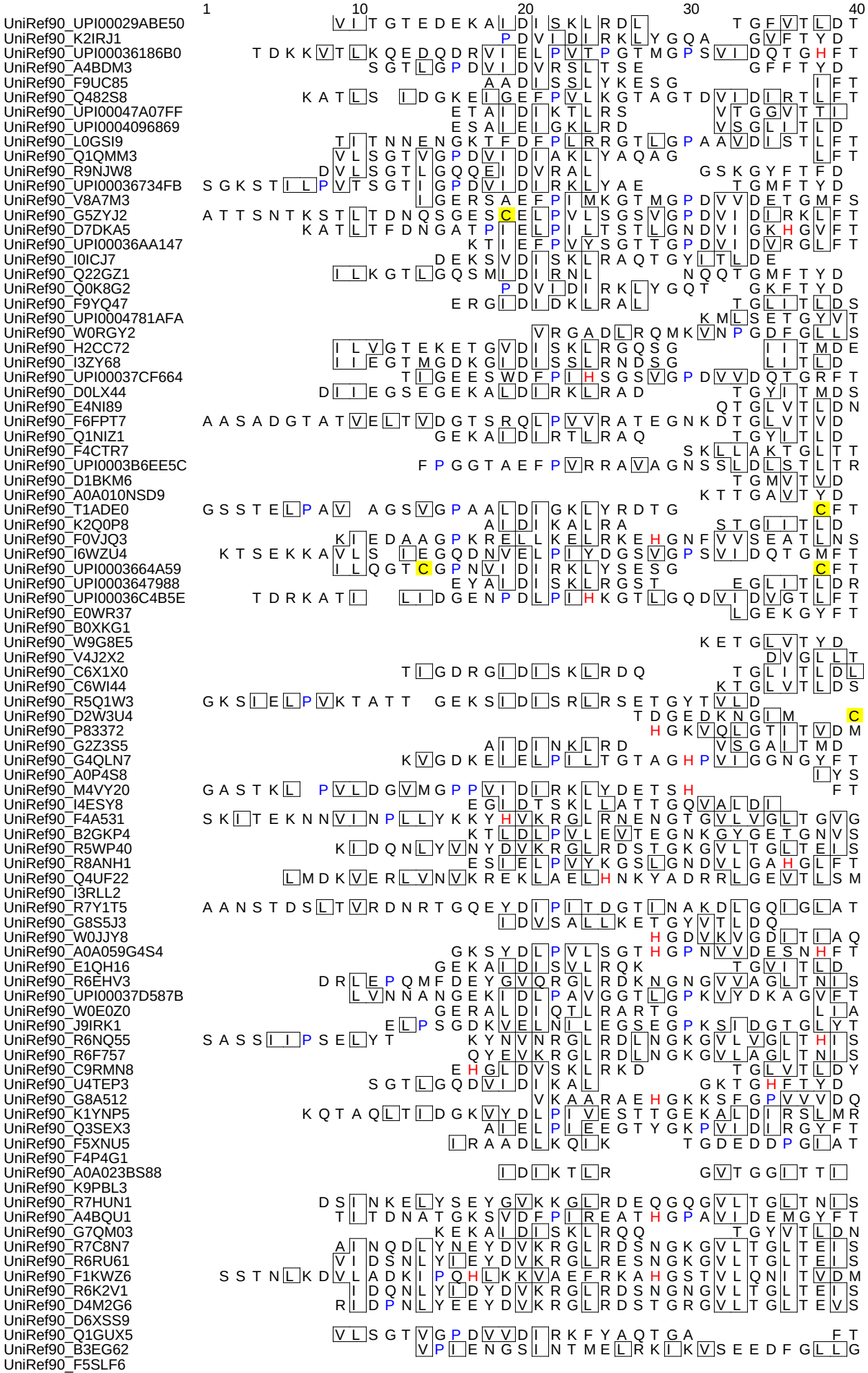

250
260
270
280
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

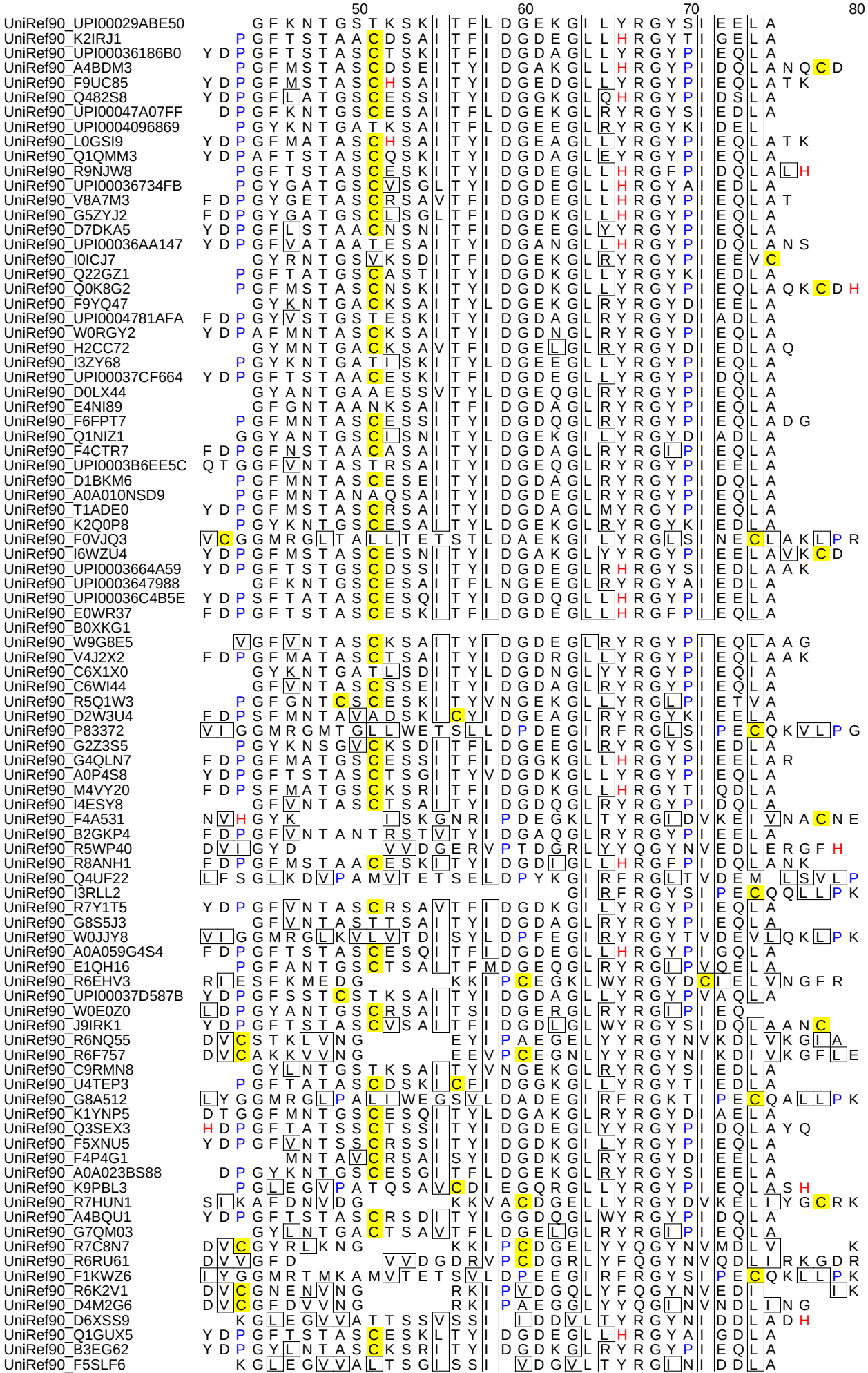

290
300
310
320
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

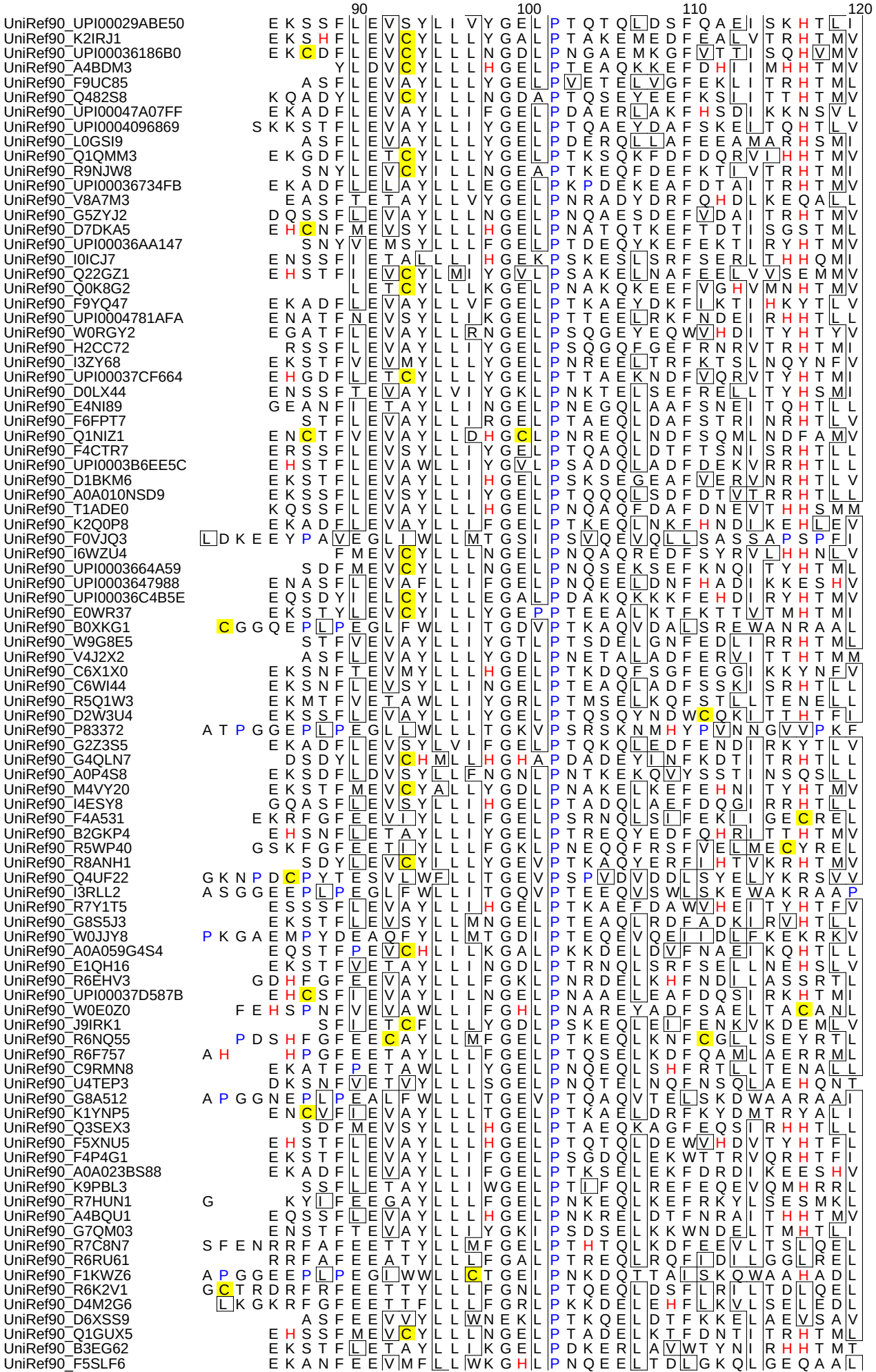

330
340
350
360
QUERY A V L R K T D P R Y T C Q R E F A L K H L P H D P M F K L V A Q L Y K I V P N V
UniRef90_X1YBN5 A V L R K T D P R Y T C Q R E F A L K H L P N D P L F G L V S N I Y K V V P P I
UniRef90_UPI000359FF7A A V L R K T D P R Y M C Q R E F C L K H M P E D P L F K L V A Q I Y K V T P D I
UniRef90_H2Y5U8 A V L R K T D P R Y T C Q R E F A L K H L P D D Q M F K L V G Q L Y K L V P D I
UniRef90_UPI00026573D6 A V L R K T D P R Y T C Q R E F A L K H L P N D P M F K L V G Q I Y K I V P D I
UniRef90_R7VHK1 A V L R K T D P R Y T C Q R E F A K K W L P N D P M F K L V S D L Y K I V P D I
UniRef90_Q0V2M2 A V L R K T D P R Y V S Q R E F A Q K H L P D D P M F K L V S Q V Y K I A P G V
UniRef90_D8RD53 A V L R K T D P R Y T C Q R E F A L K H L P D D P I F K M V S N L Y E V V P D I
UniRef90_A7RI62 A V L R K T D P R Y T C Q R E F A L E H L P N D P L F K L V S Q L Y K I V P D V
UniRef90_UPI00022CAC42 A I L R K T D P R Y I C Q R E Y A M K H M P D D K L I K L V A Q V Y K V V P P I
UniRef90_F5HE76 A V L R K T D P R Y T A Q R E F A L K H L P E D P L F K L V G Q I Y K I V P N I
UniRef90_A0A024JNG3 A V L R K T D P R Y T A Q R E F A L K H M P D Y D L F H L V S T I Y E V A P K V
UniRef90_U4L357 A V L R K P D P R F D A L I E F A K T R P E V A D V F K L V Q K T S E I A P Q V
UniRef90_L0PDR3 A V L R K T D P R Y M V Q R E F A L K Y L P D D P M F K L V S M I Y E V A P S V
UniRef90_A8JHC9 A V L R K T D P R Y T C Q R E F A L K Y M P D Y P L F K L V A D L Y E V V P E V
UniRef90_T0RFQ2 A V L R K T D P R Y S C Q R E F A L K H M P E D R L F K I V E T I Y Q V M P G V
UniRef90_N0DTE0 A V L R K T D P R Y T C Q R E F A L K H L P N D P L F K L V S Q V Y E V V P P V
UniRef90_F0YCH1 A V L R K T D P R Y T C Q R E F A F K H L P D D D L F K I V D T I Y K V M P G V
UniRef90_Q75ES5 A V L R K T D P R Y T A Q R E F A L R H F P D Y D L F K L V S T V Y E I A P K V
UniRef90_S7QGM5 G V L R N P D P R F M A L Q E F C D A R P E K S P I I Q M V K K T Y E V A P G V
UniRef90_K5X4S5 A V L R K T D P R Y T A Q R E F A L K H L P D D K M F K L V G Q I Y N L V P N I
UniRef90_K3VF07 A V L R K T D P R Y M A Q R T F A Q E K M P N D P M F K L V S Q V Y K I A P G V
UniRef90_UPI000273CF37 A V L R K T E P Q C T C Q R E F S L K H X H N D P M F K L V A Q L Y Q I V P N I
UniRef90_G8TH82 A V L R K T D P R F T A Q Q D F A K R H F P D D P L V Q I V W N V Y E T V P P I
UniRef90_M5GEI6 G V L R D P D P R F I A L Q D F C D K R P E L D S S P I I Q K K T Y Q V A P G V
UniRef90_W8C3B4 A E L R K I D P R Y T A Q Q D F A K V Y L P N Y E G F L L V N T I F K V V P P I
UniRef90_I0AN18 A V L R K T D P R Y T A Q R E F C L K H L P D D P L F K Y V D L L Y K V V P P I
UniRef90_P24118 A V L R D T D P R F H H Q V D F S K F H L K D D Q M I K L L H Q C A D V I P K K
UniRef90_X8JF07 G V L R K P D P R F I A L Q Q F S A S R A E L K D S P I I Q N K T S E V A P G V
UniRef90_G0QN84 A V L R Q T D P R F T H Q V D F S K F H L K D D K F V K L L H Q C A E V I P N K
UniRef90_U7PMQ9 G V L R K P D P R F E A L M D Y A A T R P A I N P V F A I V K A N S E I A P G V
UniRef90_Q9M1D3 G V L R K T D P R Y I C Q R E F A L K H L P D D P L F Q L V S K L Y E V V P P I
UniRef90_W9VDQ0 G V L R K P D P R F K A L I D F A R E D I A K N P V Y R L V K K N S E I A P G V
UniRef90_F4S4M1 A V L R K P D P R F E A L R E F G N K R P E V D P V F K I V D S L F Q V A P G V
UniRef90_UPI0003A97C76 R V Y K N Y D P R A K V M Q K T A H E V L G I K D D P L L D I A M E L E K I A L
UniRef90_C0S9Y7 G V L R K P D P R F E A L M D F A R P E I Q A N P V F Q L V K K N S E I A P G V
UniRef90_UPI00036329AC A V L R E P D P R F T A Q R R F A E E Y I K D S E L I E T V W K I F D V V P P M
UniRef90_UPI000373DC29 R V Y K N F D P R A K V M K K A A D D V L N E L G V Q D P L L A V A K R L E E I
UniRef90_UPI0002F087A7 R V Y K N Y D P R A K L M R E T C H E V L N E H N D P L F K L A M A L E K I A L
UniRef90_B7G9P5 A V L R K T D P R Y T C Q R E F A L K H M P D D E L F K V V D T I Y E V M P D I
UniRef90_A0A059LS11 A V L R K T D P R Y M C Q R E F A L K H L P N D P L F K L V S M L Y H V V P D I
UniRef90_D9QIX4 R V Y K N Y D P R A T V M K Q S A D D L V G A E N D P L F Q V A K E L E R I A L
UniRef90_J9I3V4 A V L R K T D P R F L H F L D F A K T N I G R S N L I D L L N A C Y K V I P S V
UniRef90_B4RBX9 R V Y K N Y D P R A K V M Q T T C H E V V G H S D D P L L K V A I E L E K I A L
UniRef90_X1RRJ0 A V L R K T D P R F T A Q M E F G K K H M A D D K L V N T V W K V Y E T V P P I
UniRef90_UPI0004726BEF R V Y K N Y D P R A K V M Q Q T C Y E V L D I K D E P M L K L A M E L E R I A L
UniRef90_Q2R339 G V L R K T D P R Y T C Q R E F A L K Y L P E D P L F Q L V S K L Y E V V P P I
UniRef90_A4XV98 R V Y K N F D P R A K V M K Q T C D E V L A E L G I N D P Q L E L A M K L E E I
UniRef90_UPI00026257D1 R V Y R N F D P R A K I I K R Y A D E V L K V V G V Q D P L L D I A K Q L E E A
UniRef90_UPI0002557CA6 R V Y R N F D P R A K V M K K T C D E L L G I E N D P Q L K I A K R L E Q I A L
UniRef90_UPI0003705DFC R V Y K N Y D P R A A V M R V S C H D L L G V K N D P L L E I A M E L E K I A L
UniRef90_V5SEA2 R V Y K N Y D P R A K V M Q K T C H E V L D K R N E P L L K V A M E L E R I A L
UniRef90_B0SZ03 R V Y K N F D P R A T V M Q K T C Y E V L E Q L G I D D P L L Q V A M E L E K V
UniRef90_A0Z1T4 R V Y K N F D P R A K V M K Q A A D E V L A E L G I H D E M L E I A K R L E E I
UniRef90_Q0F001 R V Y K N Y D P R A V L I R D T T R Q H L G M E N S P L M A T A L E L E R V A L
UniRef90_B8GQW7 R V Y K N Y D P R A K I I R K M C H E L L A E E N Q P L F D V A L E L E R I A T
UniRef90_W8F7E0 R V Y K N F D P R A K I I K K A A D D V L A A L G I D D P L L K I A Q E L E A L
UniRef90_UPI00038145EE R V Y K N F D P R A T V M R D T A H K V L K E L G V D D P L F D V A M E L E K I
UniRef90_E0XT45 R V Y K N F D P R A T I L K E Y C D K I L K M L G T P D P L L E I A K Q L E E E
UniRef90_Q43175 G V L R K T V P R Y T C Q R E F A M K H L P E D P L F Q L V S K L Y E V F L L F
UniRef90_B2JMF3 R V Y K N Y D P R A K L M R E T C H E V L N E H D D P L F K L A M A L E K I A L
UniRef90_F4C788 R V Y K N F D P R A K I I K K A C D D I L D S L G V Q D P V L N I A K K L E E T
UniRef90_G7UT82 R V Y K N F D P R A K I I R E M T H K V L G E L G V N D P L L E V A M K L E E A
UniRef90_M5EBI7 A V L R Q P D P R F T A L S Q Y C D T R P E L Q E I V Q L V Q R L S K L A P S V
UniRef90_S4RXU5
UniRef90_F2IGT8 R V Y K N F D P R A T I I K K A A D D V L E K L K I N D P L L D I A K K L E K Y
UniRef90_K0C2T6 R V Y K N F D P R A T I I R K V C Y E V L E E T G T Q D P M F E L A M K L E E I
UniRef90_W4KL86 G V L R K S D P R F I A L Q E F C D T R P D A S P I I Q L V K K T Y E V A P G V
UniRef90_E0TG23 R V Y K N F D P R A K V M K K A C D H E V L E A L D I K D P L F D V A K E L E R I
UniRef90_UPI0004560179 A V L R Q P D P R F T A L S K F C D T R P E D S S I V Q L V Q K V S Q I A P G V
UniRef90_W0SF54 R V Y K N F D P R A K L M G K V C A D V L G E E N D R L F K L A K E L E K I A L
UniRef90_A8TUI2 R V Y K N Y D P R A K V M Q K S C H E V L A E L N L D D P L L E L A M A L E K I
UniRef90_B8EK89 R V Y K N Y D P R A K I M Q E T C H N E L G V K D D P L L A V A I E L E R I A L
UniRef90_Q6FKS4 A V L R K P D P R F N A M L N F A P D E F Q S D K N V L L M E N L S T I A P K V
UniRef90_V8G954 R V Y K N Y D P R A K L M Q E T C K E V L G L E N D P L F K L A M E L E R I A L
UniRef90_M5R9V9 R V Y K N F D P R A K I I R A S C D K L L A K L Q L D D P L F E V A Q K L E E V
UniRef90_F8EL97 R V Y K N F D P R A K I I K K A A D D V L E K L G V N D P V L D I A K G L E E A
UniRef90_A0A023D7L6 R V Y K N F D P R A K I M Q R T C Q E V L G I R H E P Q L E L A M E L E R I A L
UniRef90_A9HII7 R V Y K N F D P R A K I M Q A T C H E V L G I K D D P L L D L A V E L E K I A I
UniRef90_K2LX45 R V Y K N Y D P R A K V M Q E T C H E V L K E L N V Q D P L L D V A Q E L E R R
UniRef90_U2J0Z6 R V Y K N F D P R A K I I K K A C D D V L E K L G V E D P V L D I A K G L E K A
UniRef90_U2XQC0 R V Y K N Y D P R A R V M H K T C H E V L G I K D D P L L D V A M E L E R I A L
UniRef90_Q0FAP0 R V Y K N F D P R A T V M K E S A D E L M G I E N N E T L L V A K A L E K I A L
UniRef90_UPI0004134D17 R V Y K N F D P R A T I I R E M C H K V L A E L G V D D P M L E V A M R L E E A
UniRef90_UPI0002558683 R V Y K N F D P R S R V M Q G I C D E L G A M G A E N D P L L R I A K K L E K I
UniRef90_D3S905 R V Y K N Y D P R A K I I R K M C H E L M G A D N Q P L F D V A M E L E R I A M
UniRef90_UPI000410F4C9 R V Y K N Y D P R A A L V R K M T H E V L G Q L G V S D P L L E V A M K L E E A
UniRef90_UPI0001D2F4AD R V Y K N Y D P R A K I M Q R T T R E V L A E V K D D L L D V A I E L E R I A L
UniRef90_D6ZAD2 R V Y R N Y D P R A A I V K Q T A D Q I L N Q L K V T D E L L D I A K E L E A L
UniRef90_F5YSI0 R V Y K N Y D P R A R I V K E Q A D K I L G K L G G D D E L L N I A K D L E E A
UniRef90_UPI0003FA67CC R V Y K N F D P R A T V M R E S A H E V L K E L N I Q D P L L D V A M E L E R I
UniRef90_UPI0003625695 R V Y K N Y D P R A K L M R E T C H E V L H E Q N D P L F K L A M E L E R I A L

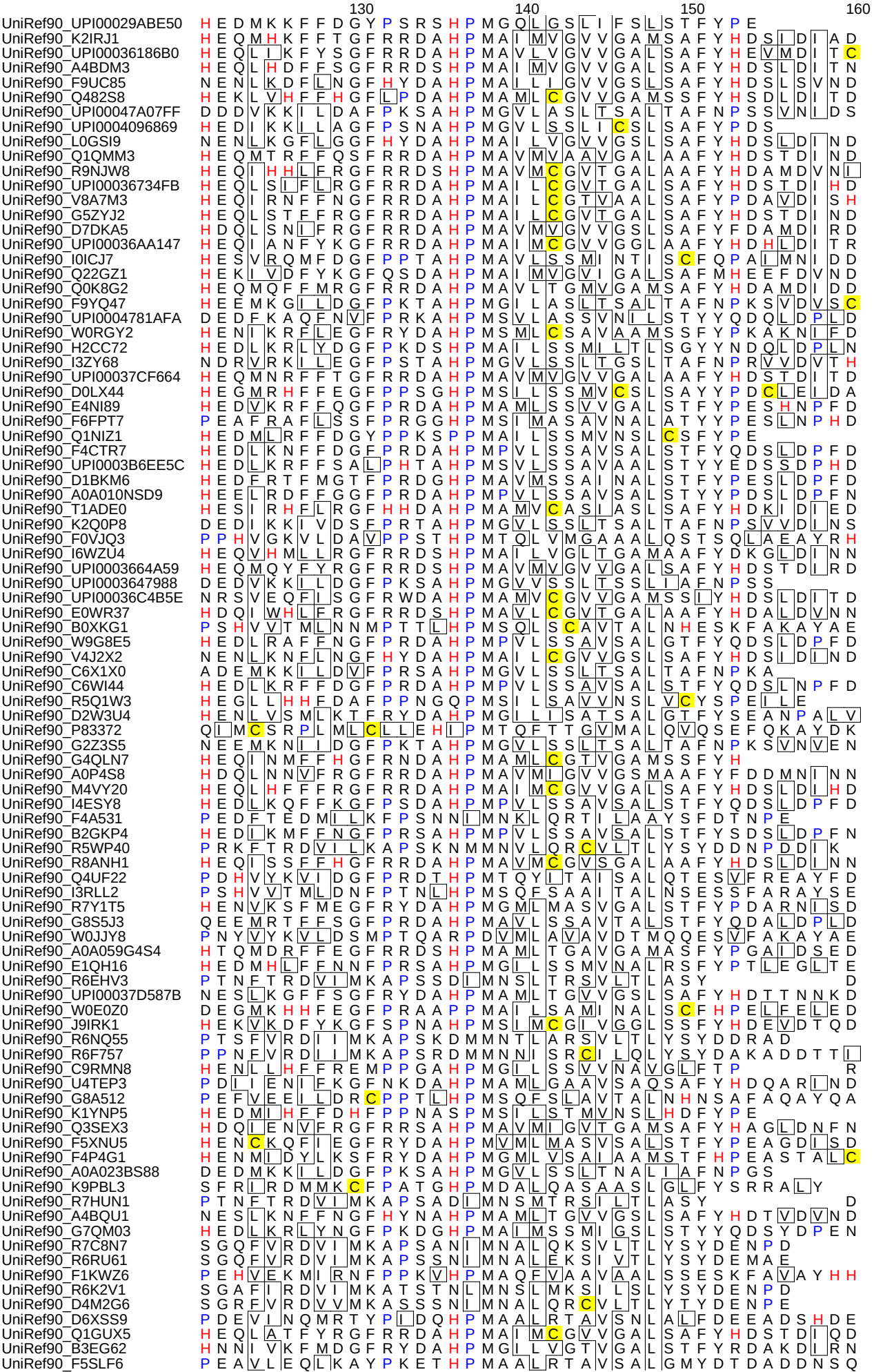

370
380
390
400
QUERY
UniRef90_X1YBN5
UniRef90_UPI000359FF7A
UniRef90_H2Y5U8
UniRef90_UPI00026573D6
UniRef90_R7VHK1
UniRef90_Q0V2M2
UniRef90_D8RD53
UniRef90_A7RI62
UniRef90_UPI00022CAC42
UniRef90_F5HE76
UniRef90_A0A024JNG3
UniRef90_U4L357
UniRef90_L0PDR3
UniRef90_A8JHC9
UniRef90_T0RFQ2
UniRef90_N0DTE0
UniRef90_F0YCH1
UniRef90_Q75ES5
UniRef90_S7QGM5
UniRef90_K5X4S5
UniRef90_K3VF07
UniRef90_UPI000273CF37
UniRef90_G8TH82
UniRef90_M5GEI6
UniRef90_W8C3B4
UniRef90_I0AN18
UniRef90_P24118
UniRef90_X8JF07
UniRef90_G0QN84
UniRef90_U7PMQ9
UniRef90_Q9M1D3
UniRef90_W9VDQ0
UniRef90_F4S4M1
UniRef90_UPI0003A97C76
UniRef90_C0S9Y7
UniRef90_UPI00036329AC
UniRef90_UPI000373DC29
UniRef90_UPI0002F087A7
UniRef90_B7G9P5
UniRef90_A0A059LS11
UniRef90_D9QIX4
UniRef90_J9I3V4
UniRef90_B4RBX9
UniRef90_X1RRJ0
UniRef90_UPI0004726BEF
UniRef90_Q2R339
UniRef90_A4XV98
UniRef90_UPI00026257D1
UniRef90_UPI0002557CA6
UniRef90_UPI0003705DFC
UniRef90_V5SEA2
UniRef90_B0SZ03
UniRef90_A0Z1T4
UniRef90_Q0F001
UniRef90_B8GQW7
UniRef90_W8F7E0
UniRef90_UPI00038145EE
UniRef90_E0XT45
UniRef90_Q43175
UniRef90_B2JMF3
UniRef90_F4C788
UniRef90_G7UT82
UniRef90_M5EBI7
UniRef90_S4RXU5
UniRef90_F2IGT8
UniRef90_K0C2T6
UniRef90_W4KL86
UniRef90_E0TG23
UniRef90_UPI0004560179
UniRef90_W0SF54
UniRef90_A8TUI2
UniRef90_B8EK89
UniRef90_Q6FKS4
UniRef90_V8G954
UniRef90_M5R9V9
UniRef90_F8EL97
UniRef90_A0A023D7L6
UniRef90_A9HII7
UniRef90_K2LX45
UniRef90_U2J0Z6
UniRef90_U2XQC0
UniRef90_Q0FAP0
UniRef90_UPI0004134D17
UniRef90_UPI0002558683
UniRef90_D3S905
UniRef90_UPI000410F4C9
UniRef90_UPI0001D2F4AD
UniRef90_D6ZAD2
UniRef90_F5YSI0
UniRef90_UPI0003FA67CC
UniRef90_UPI0003625695

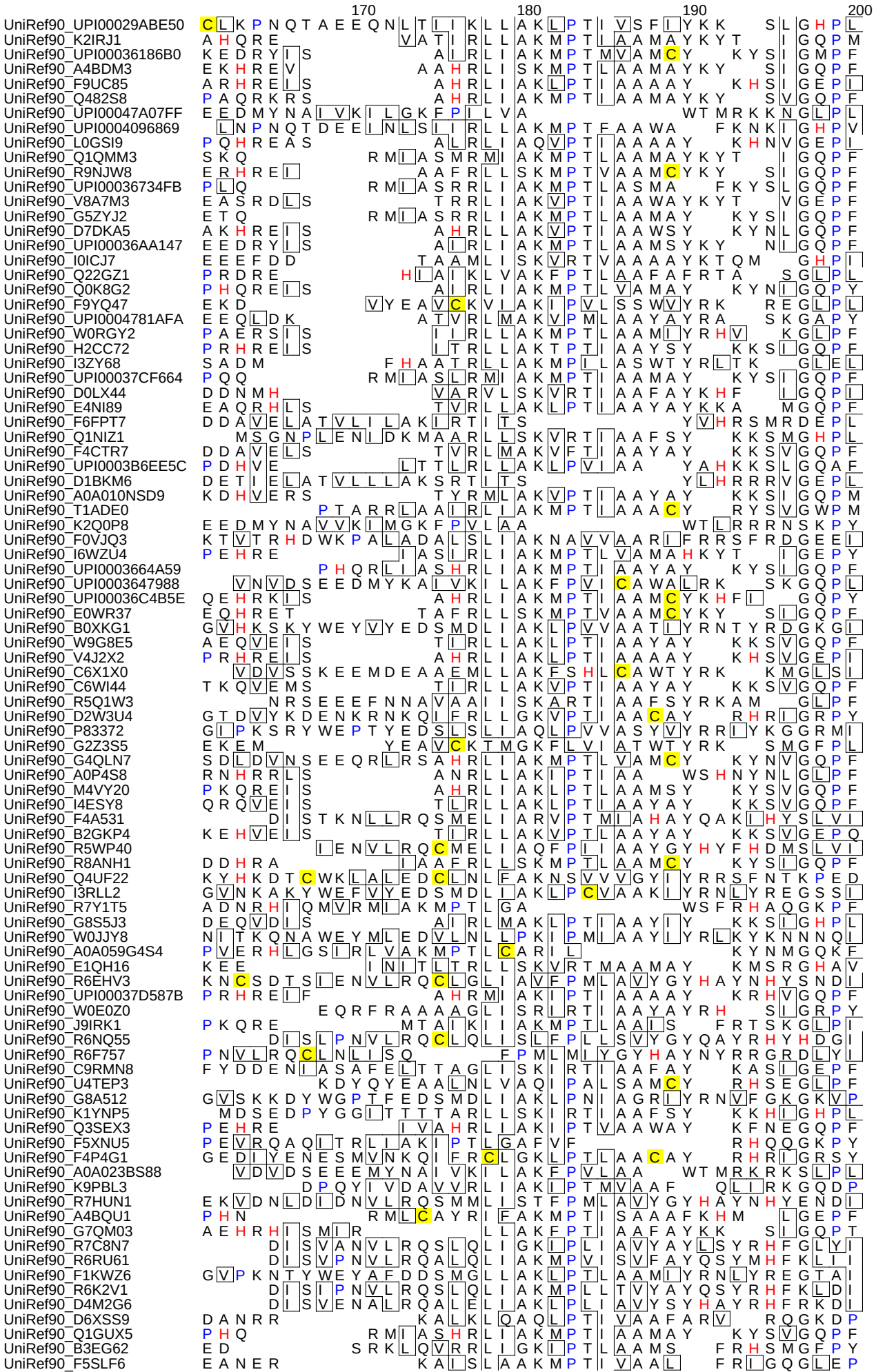

410
420
430
QUERY R A L G V L A Q L I W S R A L G F P L E R P K S M S T D G L I K L V D S K
UniRef90_X1YBN5 R A L G V L A S L V W D R A L G L P I E R P K S M S T D G L I K
UniRef90_UPI000359FF7A R A I G V L S S L I W D R A L G L P I E R P K S F D T P A L K K M V G A K
UniRef90_H2Y5U8 R V L G C L S Q L I W S R A L G L P L E R P K S M S T E G L K K F V S K
UniRef90_UPI00026573D6 R A L G V L S S L V W D R A L G L P I E R P K S M T T D G L M K L C G A K
UniRef90_R7VHK1 R A L G C M A S L V W D R A L G L P I E R P K S M S T E G L I K A L D
UniRef90_Q0V2M2 R A L G V L P Q L I I D R A V G A P I E R P K S F S T E A Y A K L V G A
UniRef90_D8RD53 R A L G V L A Q L V W D R A L G L P I E R P K S M T M G W L E N Y C K K Q
UniRef90_A7RI62 R A L G V L A S L V W D R A L G L P I E R P K S V T T E L L I K Q F N A
UniRef90_UPI00022CAC42 R A L G V L A S L V W S R A L G L P I E R P K S I S T D K L M E L V K A K
UniRef90_F5HE76 R A F G V V S Q L I W D R A L G M P L E R P K S Y S T E A L K K M F E G K
UniRef90_A0A024JNG3 R A F G V L P Q L I I D R A V G A P I E R P K S F S T E K Y A Q L V G C K
UniRef90_U4L357 R G L G P L A Q L I W D R A L G L P I E R P K S L S M E A I E K I V K A
UniRef90_L0PDR3 R A L G V L S Q L V W D R A L G L P L E R P K S F S T N A F I K M F
UniRef90_A8JHC9 R A L G V L S Q G V W S R A L G L P I E R P K S L T M A A L E Q R V A G Q
UniRef90_T0RFQ2 R A M G V L S Q L F W D R A L G L P L E R P K S V T S E W I N N N F K K
UniRef90_N0DTE0 R A I G V L S S L V W D R A L G H P I E R P K S V T T E W I A N H V N Q Q
UniRef90_F0YCH1 R G I G A L S Q V F W D R A L G L P L E R P K S L T T G W L K D F C E K Q
UniRef90_Q75ES5 R A F G V L P Q L I I D R A V G A P I E R P K S F S T E K F K E L V A S K
UniRef90_S7QGM5 R A L G A L T Q L V W A R A L G L P I E R P K S L S M D A I E K L I G A
UniRef90_K5X4S5 R A F G V A A Q L I W D R A L G A P L E R P K S Y S T A A L Q K I F K D K
UniRef90_K3VF07 R A I G V L P Q L I I D R A L G A P I E R P K S F S T D K W A E L V K K
UniRef90_UPI000273CF37 Q A L G V L A Q L I W S R A X G F P L E R P K S M X T G G L M K S V D S K
UniRef90_G8TH82 R A L G V L A S L I W D R A L G F A L E R P K S V T T D L V K A W L D G K
UniRef90_M5GEI6 R A L G S L S Q L V W D R A L G L P I E R P K S V T M E E I E Q M V K K
UniRef90_W8C3B4 R A L G V L S S I T W H R A F V I P I E R P K S Y T T E D L M E L V K K Q
UniRef90_I0AN18 R A L G V C A N I I W D R G L G Y P I E R P K S V T T D M L E E A A G I K
UniRef90_P24118 R A L G C M A N L I W S R A F G L P I E R P
UniRef90_X8JF07 R V L G C V S Q L V W D R A L G L P I E R P K S V S M A D L Q K I V G S
UniRef90_G0QN84 R A L G C M A N L V W S R A F G L P I E R P S S V D I N W I K Q Q F K Q Q
UniRef90_U7PMQ9 R G L G P L A Q L V W D R V L G L P I E R P K S I D L K G L L E L I E K
UniRef90_Q9M1D3 R S L G I C S Q L I W D R A L G L P L E R P K S V N M D W L D N F
UniRef90_W9VDQ0 R G L G P L A Q L I W D R A L G M P I E R P K S I N L E G L M K L V
UniRef90_F4S4M1 R A M G A L S Q L V W D R V H N L P I E R P K S L S M E A I A K I V G A
UniRef90_UPI0003A97C76 R T V G W I A Q W Q E M L E D N Q R I G R P R Q L Y T G A T E R D
UniRef90_C0S9Y7 R A I G P L A Q L I W S R A L G L P I E R P K S V
UniRef90_UPI00036329AC R A L G V L A A G I W S R A L G M P L E R P K S V T S D W I K
UniRef90_UPI000373DC29 R T P G W I A H W N E M I A A N S K I G R P R Q L Y V G P T Q R K F
UniRef90_UPI0002F087A7 R T V G W I A Q W N E M I S D E Q K I G R P R Q L Y V G A V P R E V P A
UniRef90_B7G9P5 R A V G G L S Q L Y W D R A L G L P L E R P K S V T
UniRef90_A0A059LS11 R A M G V L S Q L V W S R A L G L P I E R P K S L T M E A I E Q
UniRef90_D9QIX4 R T V G W I A Q W E E M L A D P Q K I G R P R Q L Y T G P T Q R Y V P I Q
UniRef90_J9I3V4 R A L G M M S S L V W S R A L N L P I E R P N S I T M D M L L E K A K A
UniRef90_B4RBX9 R T V G W I A Q W K E M I E D S Q K I G R P R Q L Y T G A A Q R D
UniRef90_X1RRJ0 R A L G V L S S L C W D R A L G L P I E R P K S V T T E A V K Q
UniRef90_UPI0004726BEF R T V G W V A Q W N E M M E D G Q K I G R P R Q L Y T G K A Q R L V K R K
UniRef90_Q2R339 R S I G I G S Q L I W D R A L G L P L E R P K S V T M E W L E N H C K K
UniRef90_A4XV98 R T V G W I S H W K E M L S G P Y K I G R P R Q L Y T G Y E Q R D L P A
UniRef90_UPI00026257D1 R M P G W I A H W I E M H N S D A K I G R P R Q I Y T G P T Q R
UniRef90_UPI0002557CA6 R T I G W I S H W N E F H S S P N K I G R P R Q L Y T G A T Q R D Y P A
UniRef90_UPI0003705DFC R T V G W V A Q W N E M I T D P Q R I G R P R Q L Y T G E I K R D F
UniRef90_V5SEA2 R T V G W I A Q W K E M I E D E Q K I G R P R Q L Y I G P P R R P F P K
UniRef90_B0SZ03 R T V G W I S Q W K E M E D P N R K I G R P R Q L Y T G A T Q R D V D K R
UniRef90_A0Z1T4 R T V G W V A H W N E M I S G S Y R I G R P R Q L Y T G Y Q Q R D
UniRef90_Q0F001 R T V G W V S H W L E L K R T G H G I D R P R Q L Y T G S T L R H L D K
UniRef90_B8GQW7 R T V G W I S H W N E M M D D E S R I G R P R Q L Y V G S A P R Y V P
UniRef90_W8F7E0 R L P G W I A Q W K E M R E N K E P I G R P R Q I Y T G E T E R D
UniRef90_UPI00038145EE R T S G W V A Q W K E M I E D T Q K I G R P R Q L Y T G A P K R D
UniRef90_E0XT45 R L P G W I A H W L E M H N S A S K I G R P R Q I Y T G Q T V R
UniRef90_Q43175 R A L G I C S Q L I W D R A L G L P L E R P K S V T M E W L E N Q C K K
UniRef90_B2JMF3 R T V G W I A Q W N E M I A D E Q K I G R P R Q L F V G E M S R A A K
UniRef90_F4C788 R L P G W I A Q W K E M R T N K E P I G R P R Q V Y T G H P K R N F
UniRef90_G7UT82 R T P G W V A H W L E Q Q T D E A R I G R P R Q I Y T G S P S R D
UniRef90_M5EBI7 R A Y G A L P Q L V F D R I L G L P I E R P K S L S M N A L E A L L K K
UniRef90_S4RXU5
UniRef90_F2IGT8 R L P G W I A Q W K E M S E G G E P I G R P R Q I Y T G E T T R Y V P
UniRef90_K0C2T6 R T S G W V S H W L E M M A D K G R I G R P R Q L Y K G S P K R D
UniRef90_W4KL86 R A L G A L T Q L V W A R A L G L P L E R P K S L S L D V L E K L T E S
UniRef90_E0TG23 R T V G W I A Q W S E M L E D N Q K I G R P R Q I Y T G A A K R S F
UniRef90_UPI0004560179 R A I G A L P Q L V A D R Y L G M P I E R P K S M S M N A L E A L L K K
UniRef90_W0SF54 R T V G W M T Q W E E M I T D E Y K I G R P R Q L Y T G A A R R N V
UniRef90_A8TUI2 R T V G W V A Q W K E M E E P G Q K I G R P R Q L Y T G P Q Q R P F
UniRef90_B8EK89 R T S G W I A Q W K E M I E D G Q K I G R P R Q L Y T G A P L R D V D K R
UniRef90_Q6FKS4 R A I G S L T Q L V W D R I L G L P I E R P R S L D M A A L E R L C N K
UniRef90_V8G954 R T V G W I A Q W N E M L S D N Y K I G R P R Q L Y V G S A R R D V P S
UniRef90_M5R9V9 R L P G W I A H WE E M H N N P I N R P R Q I Y T G A T E R A F
UniRef90_F8EL97 R L P G W I A Q W K E M R E N K E P I G R P R Q I Y T G A T L R S F
UniRef90_A0A023D7L6 R T V G W V S Q W K E M E Q P G Q R I S R P R Q I Y T G A A Q R A F
UniRef90_A9HII7 R T V G W I S Q W K E M E E P G Q R I G R P R Q L Y T G A P Q R D F
UniRef90_K2LX45 R T V G W I A Q W K E M I E D S Q K I G R P R Q L F T G V S E R P F
UniRef90_U2J0Z6 R L P G W I A Q W K E M R D N K E P I G R P R Q V Y T G E T S R Q Y P
UniRef90_U2XQC0 R T V G W V S Q W N E M I E D S Q R I G R P R Q L Y I G A T H R D
UniRef90_Q0FAP0 R T V G W I A Q W K E M I A D K L K I G R P R Q L Y T G A T K R D
UniRef90_UPI0004134D17 R T A G W V S H W L E Q Q N D E A K I G R P R Q I Y T G A D R R Y V P A
UniRef90_UPI0002558683 R T A G W I A H W N E M I S N P Y K I G R P R Q L Y T G Y T A R Y V D
UniRef90_D3S905 R T V G W I S H W N E M M Q D E S R I G R P R Q L Y T G H P S R
UniRef90_UPI000410F4C9 R T A G W V S H W L E Q Q E D E N K I G R P R Q V Y T G A A A R D
UniRef90_UPI0001D2F4AD R T V G W I A Q W K E M I E D G S K I G R P R Q L Y T G Q V Q R D
UniRef90_D6ZAD2 R L P G W I A H W R E M H D S G L K I G R P R Q I Y T G Q P E R
UniRef90_F5YSI0 R L P G W I A H W R E M H D E G D K I G R P R Q L Y T G A T E R D
UniRef90_UPI0003FA67CC R T V G W I S H W H E M M E A N Q K I G R P R Q L Y T G E A K R D F
UniRef90_UPI0003625695 R T I G W I A Q W N E M I D T E Q K I G R P R Q L Y T G A P R R D V

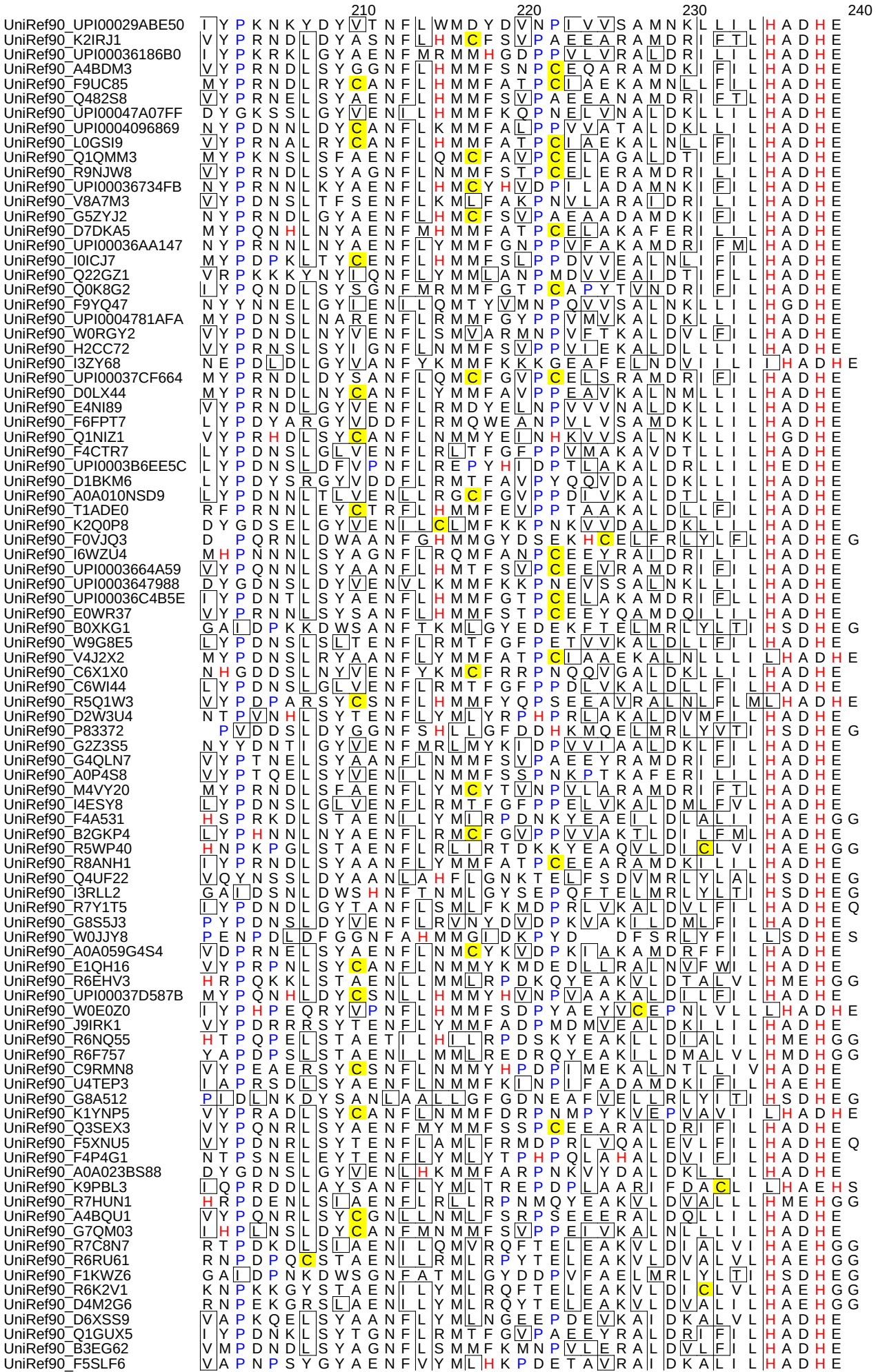

1
10
20
30
40
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

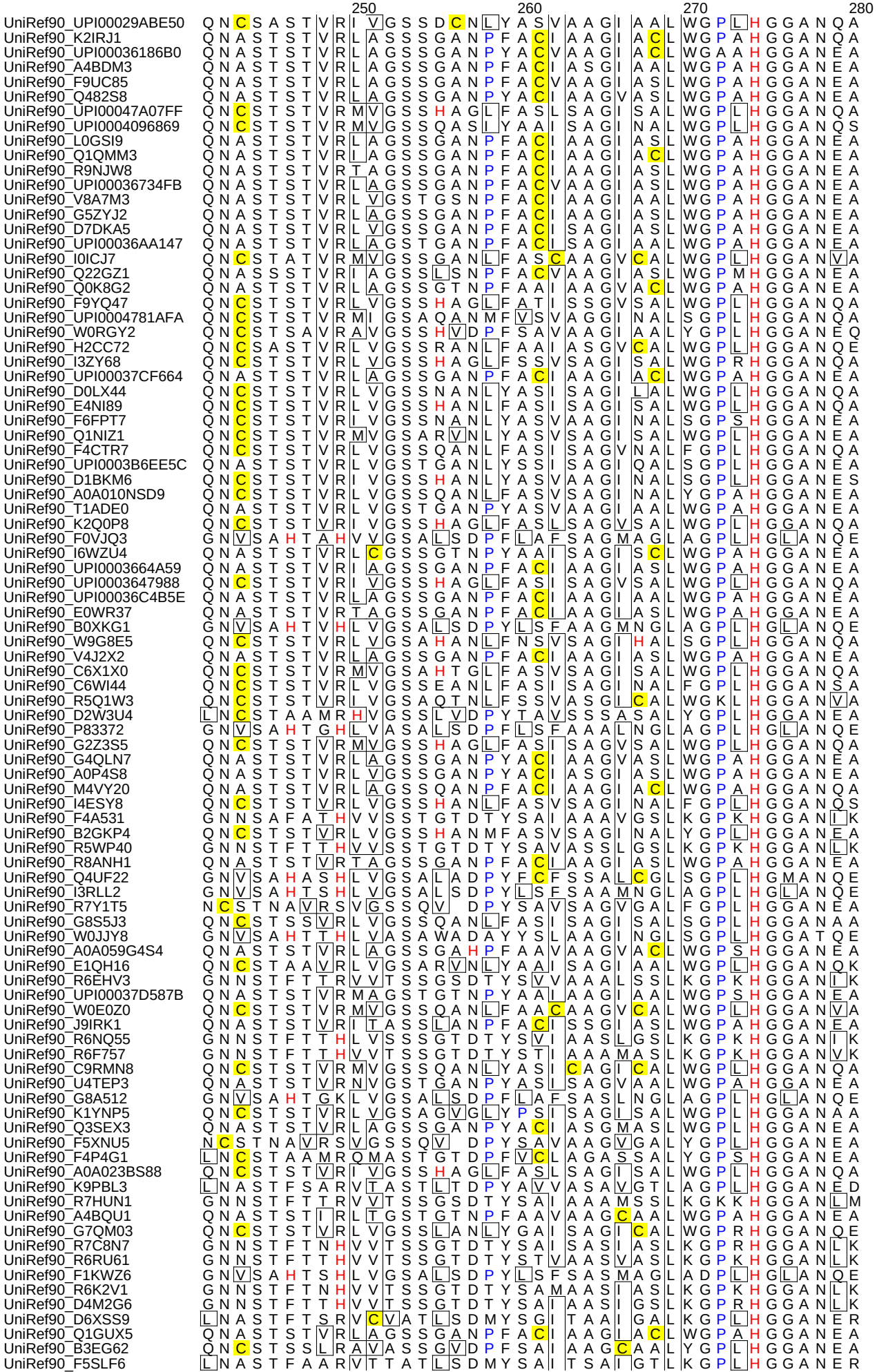

50
60
70
80
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

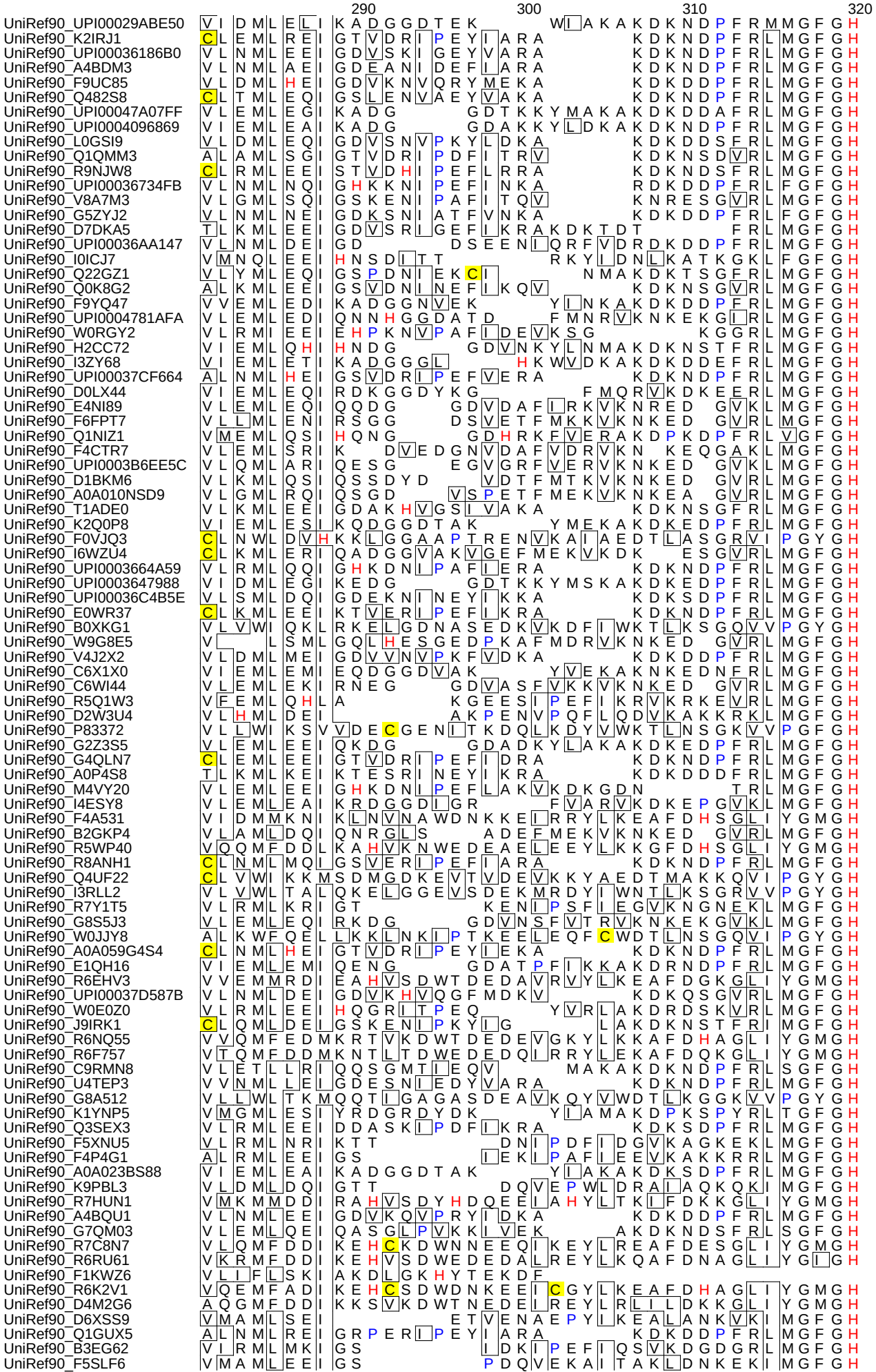

90
100
110
120
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

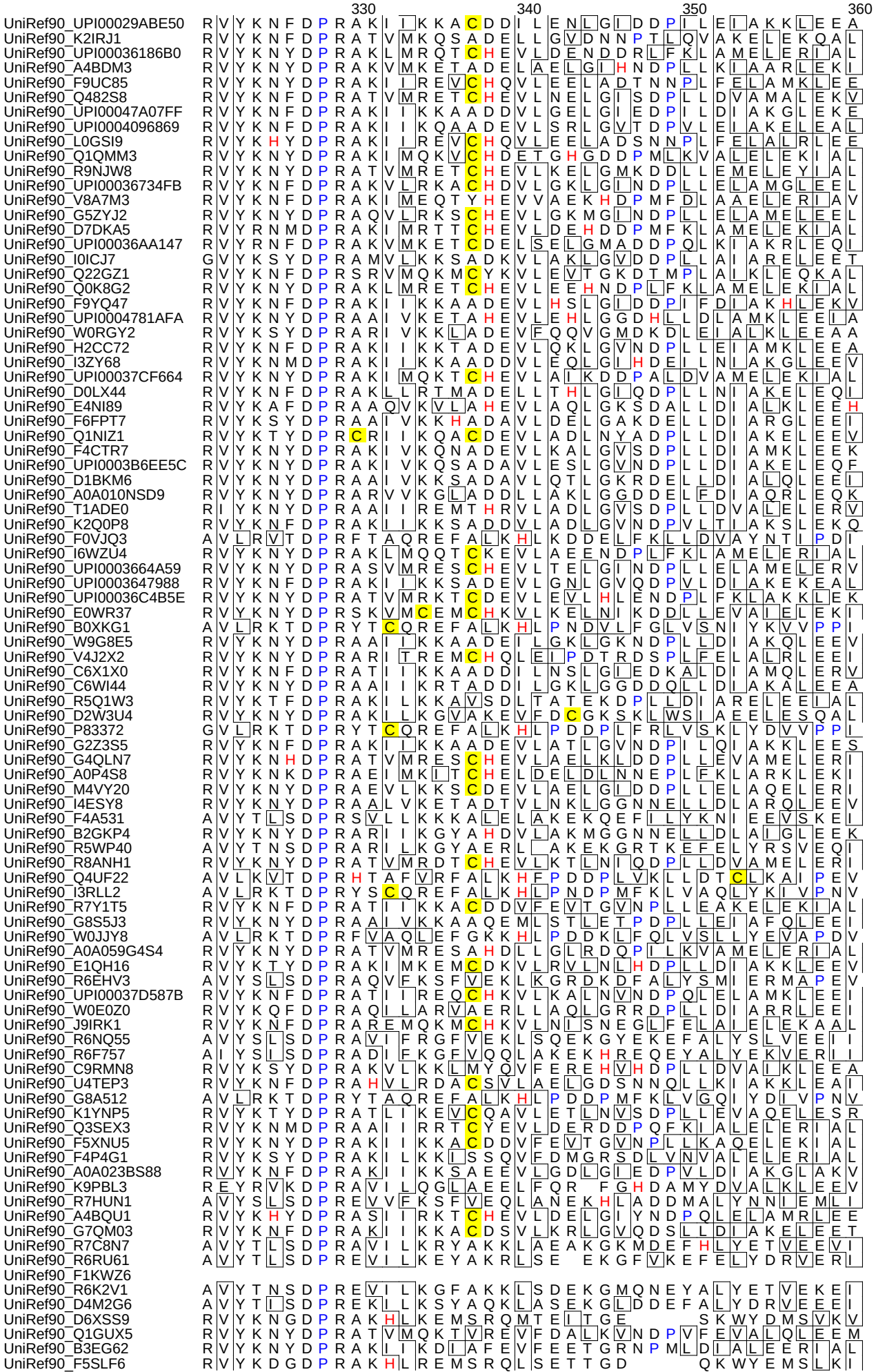

130
140
150
160
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

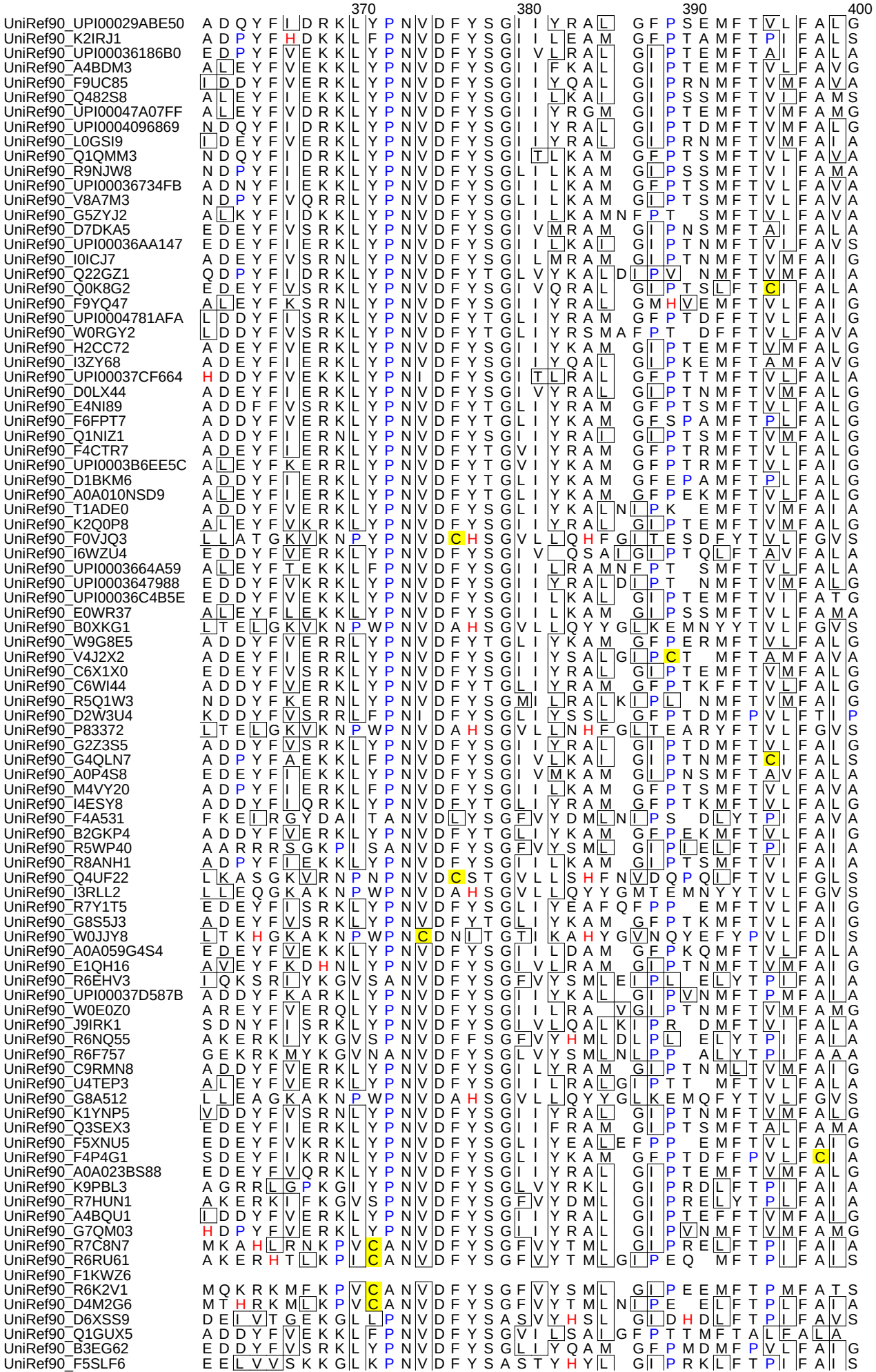

170
180
190
200
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

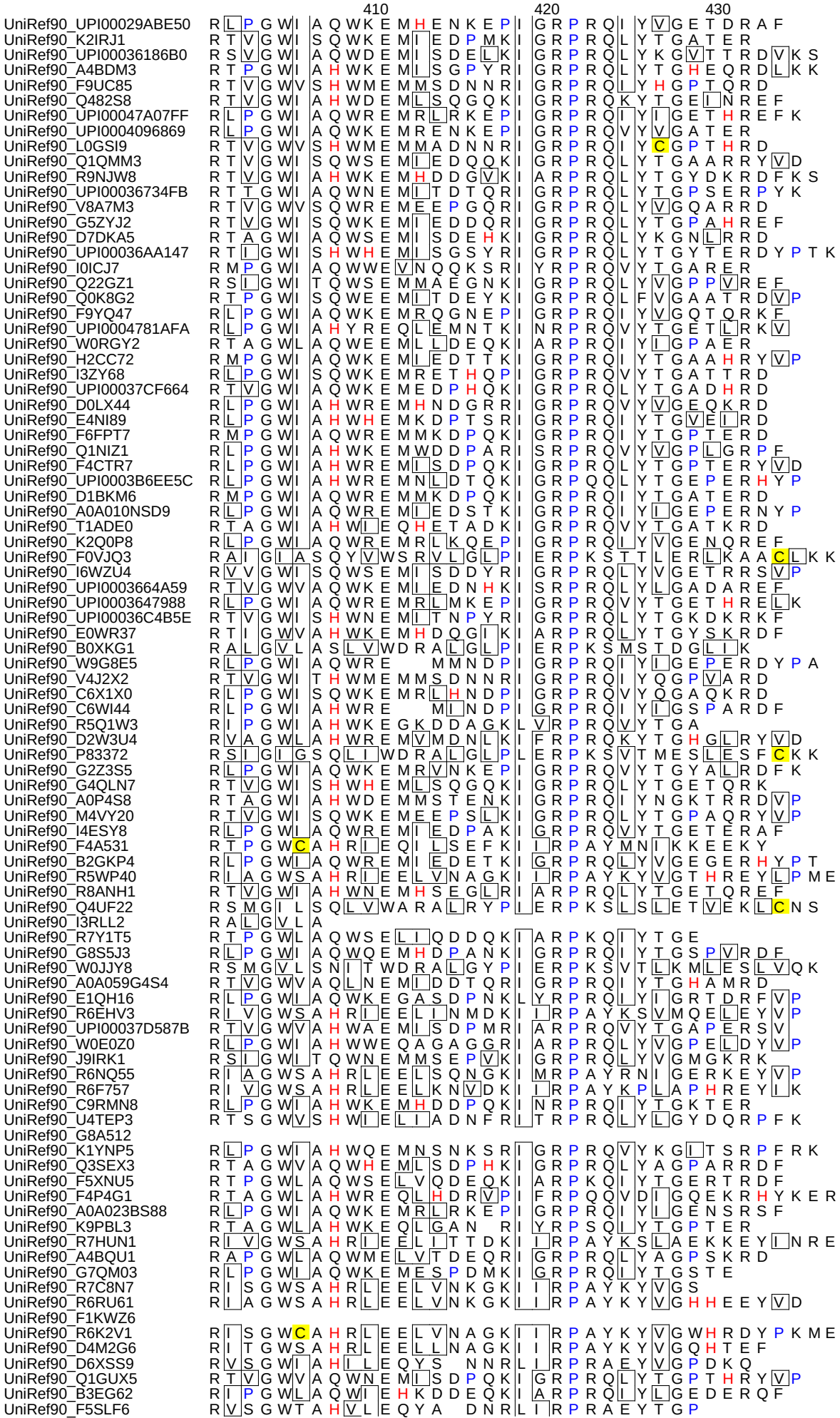

210
220
230
240
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

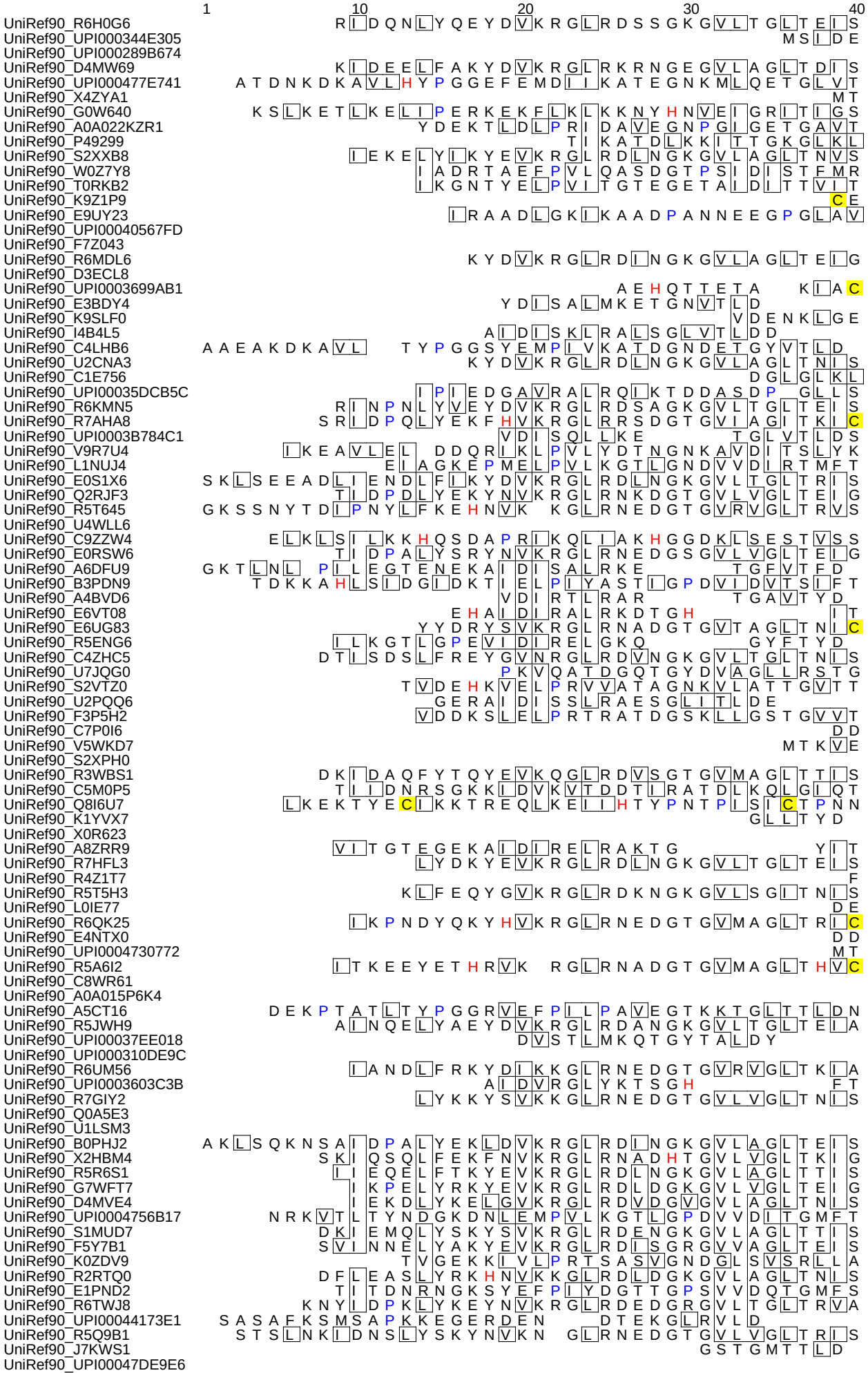

250
260
270
280
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

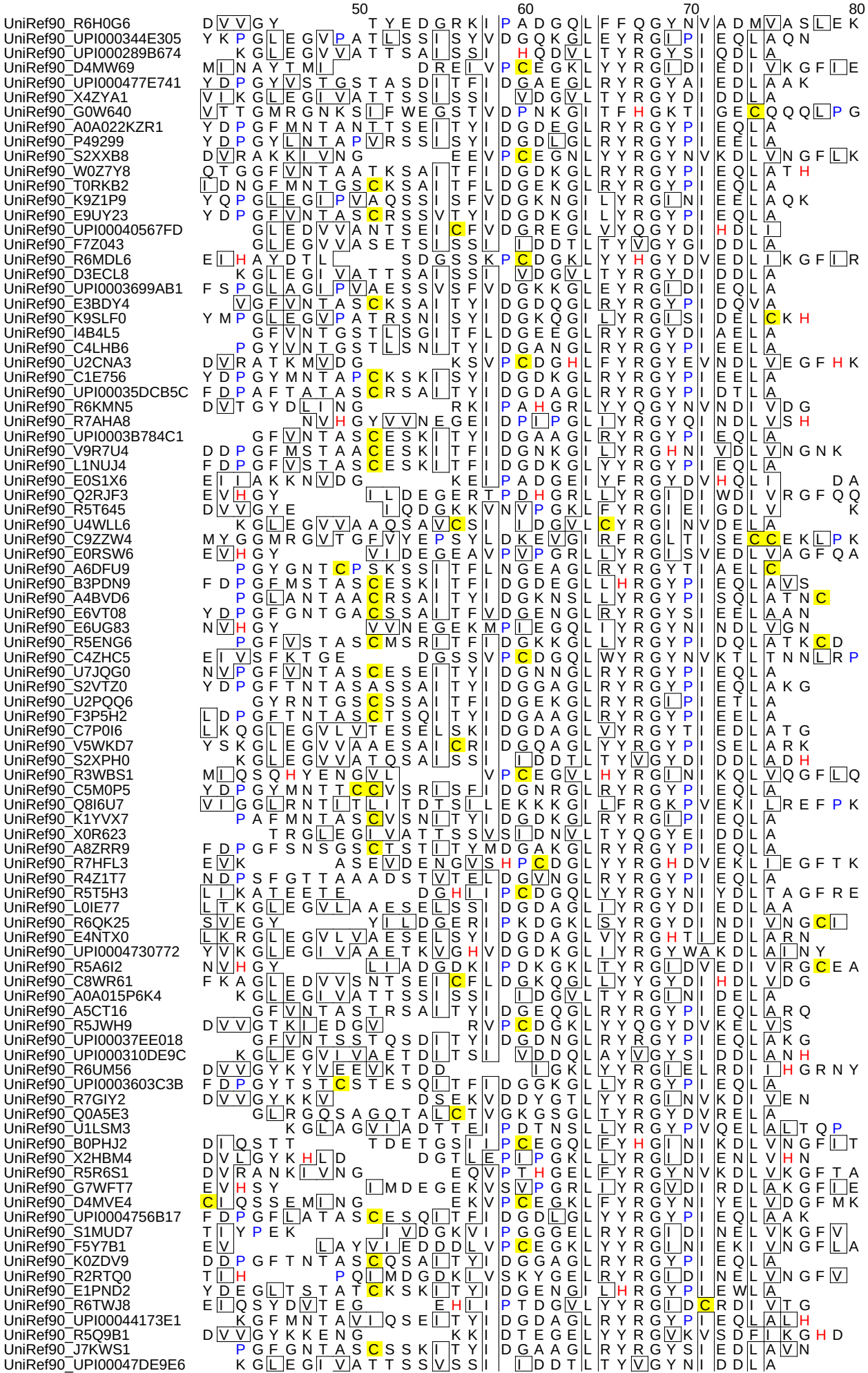

290
300
310
320
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

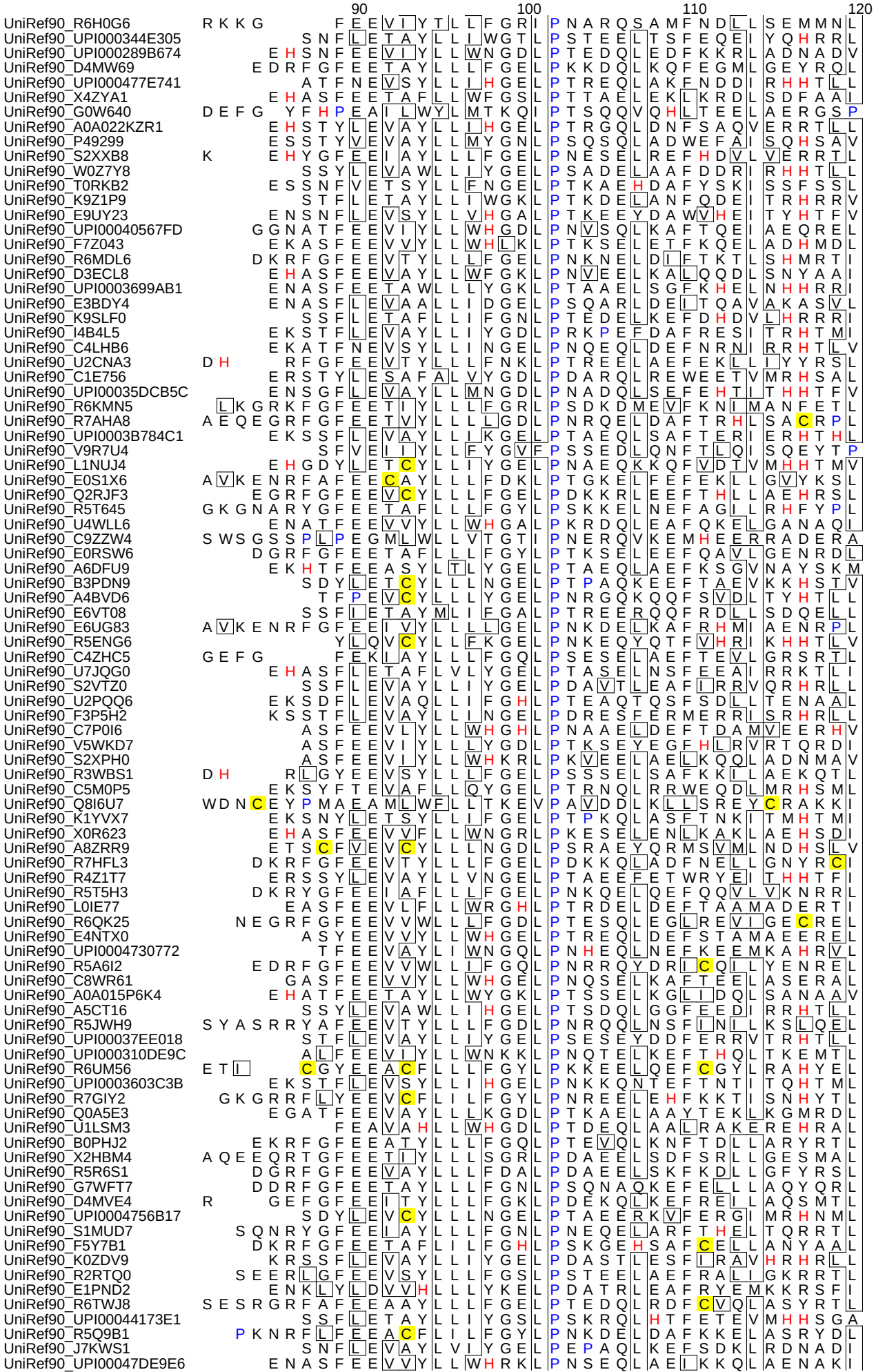

330
340
350
360
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

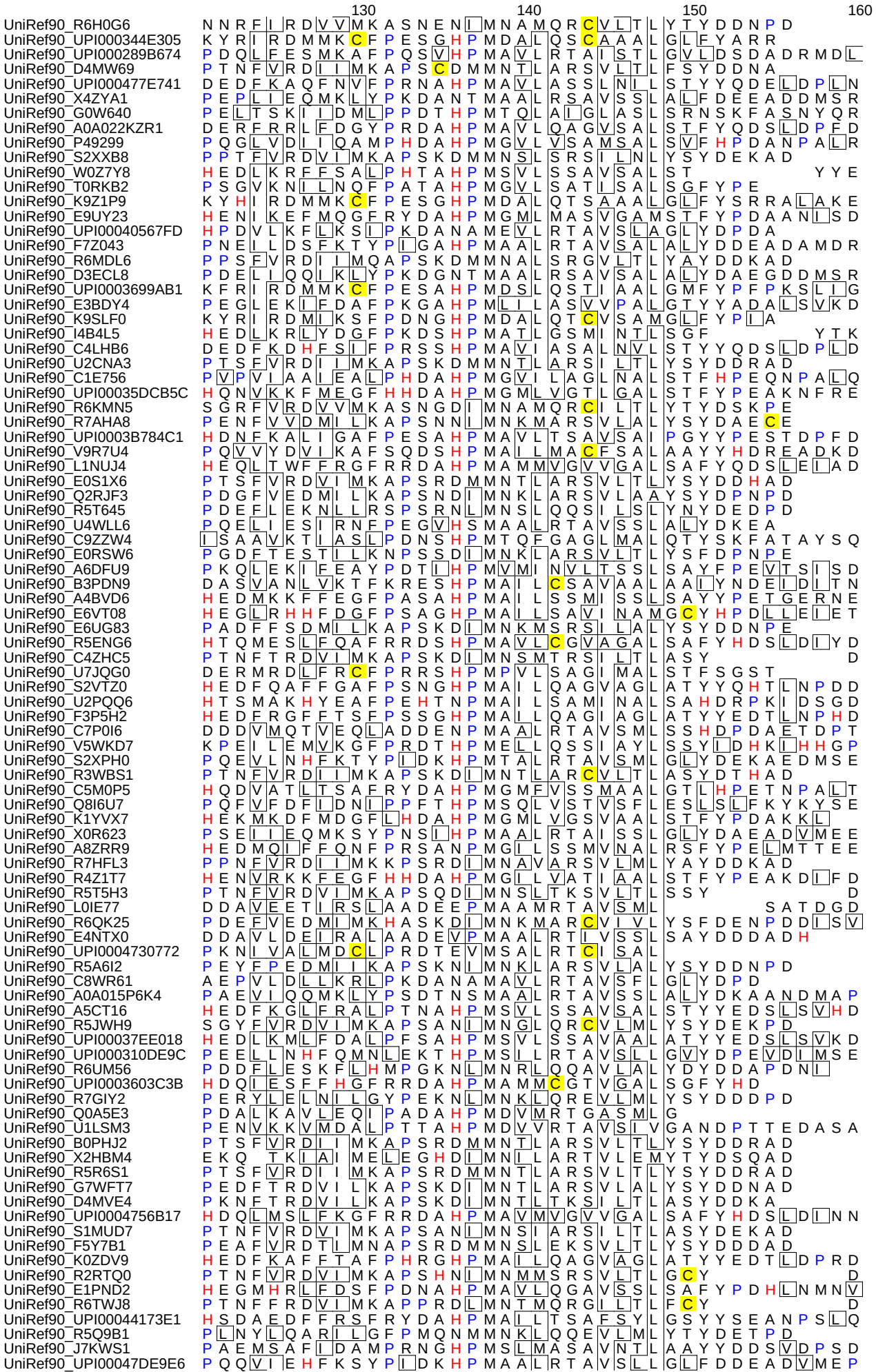

370
380
390
400
UniRef90_UPI00029ABE50
UniRef90_K2IRJ1
UniRef90_UPI00036186B0
UniRef90_A4BDM3
UniRef90_F9UC85
UniRef90_Q482S8
UniRef90_UPI00047A07FF
UniRef90_UPI0004096869
UniRef90_L0GSI9
UniRef90_Q1QMM3
UniRef90_R9NJW8
UniRef90_UPI00036734FB
UniRef90_V8A7M3
UniRef90_G5ZYJ2
UniRef90_D7DKA5
UniRef90_UPI00036AA147
UniRef90_I0ICJ7
UniRef90_Q22GZ1
UniRef90_Q0K8G2
UniRef90_F9YQ47
UniRef90_UPI0004781AFA
UniRef90_W0RGY2
UniRef90_H2CC72
UniRef90_I3ZY68
UniRef90_UPI00037CF664
UniRef90_D0LX44
UniRef90_E4NI89
UniRef90_F6FPT7
UniRef90_Q1NIZ1
UniRef90_F4CTR7
UniRef90_UPI0003B6EE5C
UniRef90_D1BKM6
UniRef90_A0A010NSD9
UniRef90_T1ADE0
UniRef90_K2Q0P8
UniRef90_F0VJQ3
UniRef90_I6WZU4
UniRef90_UPI0003664A59
UniRef90_UPI0003647988
UniRef90_UPI00036C4B5E
UniRef90_E0WR37
UniRef90_B0XKG1
UniRef90_W9G8E5
UniRef90_V4J2X2
UniRef90_C6X1X0
UniRef90_C6WI44
UniRef90_R5Q1W3
UniRef90_D2W3U4
UniRef90_P83372
UniRef90_G2Z3S5
UniRef90_G4QLN7
UniRef90_A0P4S8
UniRef90_M4VY20
UniRef90_I4ESY8
UniRef90_F4A531
UniRef90_B2GKP4
UniRef90_R5WP40
UniRef90_R8ANH1
UniRef90_Q4UF22
UniRef90_I3RLL2
UniRef90_R7Y1T5
UniRef90_G8S5J3
UniRef90_W0JJY8
UniRef90_A0A059G4S4
UniRef90_E1QH16
UniRef90_R6EHV3
UniRef90_UPI00037D587B
UniRef90_W0E0Z0
UniRef90_J9IRK1
UniRef90_R6NQ55
UniRef90_R6F757
UniRef90_C9RMN8
UniRef90_U4TEP3
UniRef90_G8A512
UniRef90_K1YNP5
UniRef90_Q3SEX3
UniRef90_F5XNU5
UniRef90_F4P4G1
UniRef90_A0A023BS88
UniRef90_K9PBL3
UniRef90_R7HUN1
UniRef90_A4BQU1
UniRef90_G7QM03
UniRef90_R7C8N7
UniRef90_R6RU61
UniRef90_F1KWZ6
UniRef90_R6K2V1
UniRef90_D4M2G6
UniRef90_D6XSS9
UniRef90_Q1GUX5
UniRef90_B3EG62
UniRef90_F5SLF6

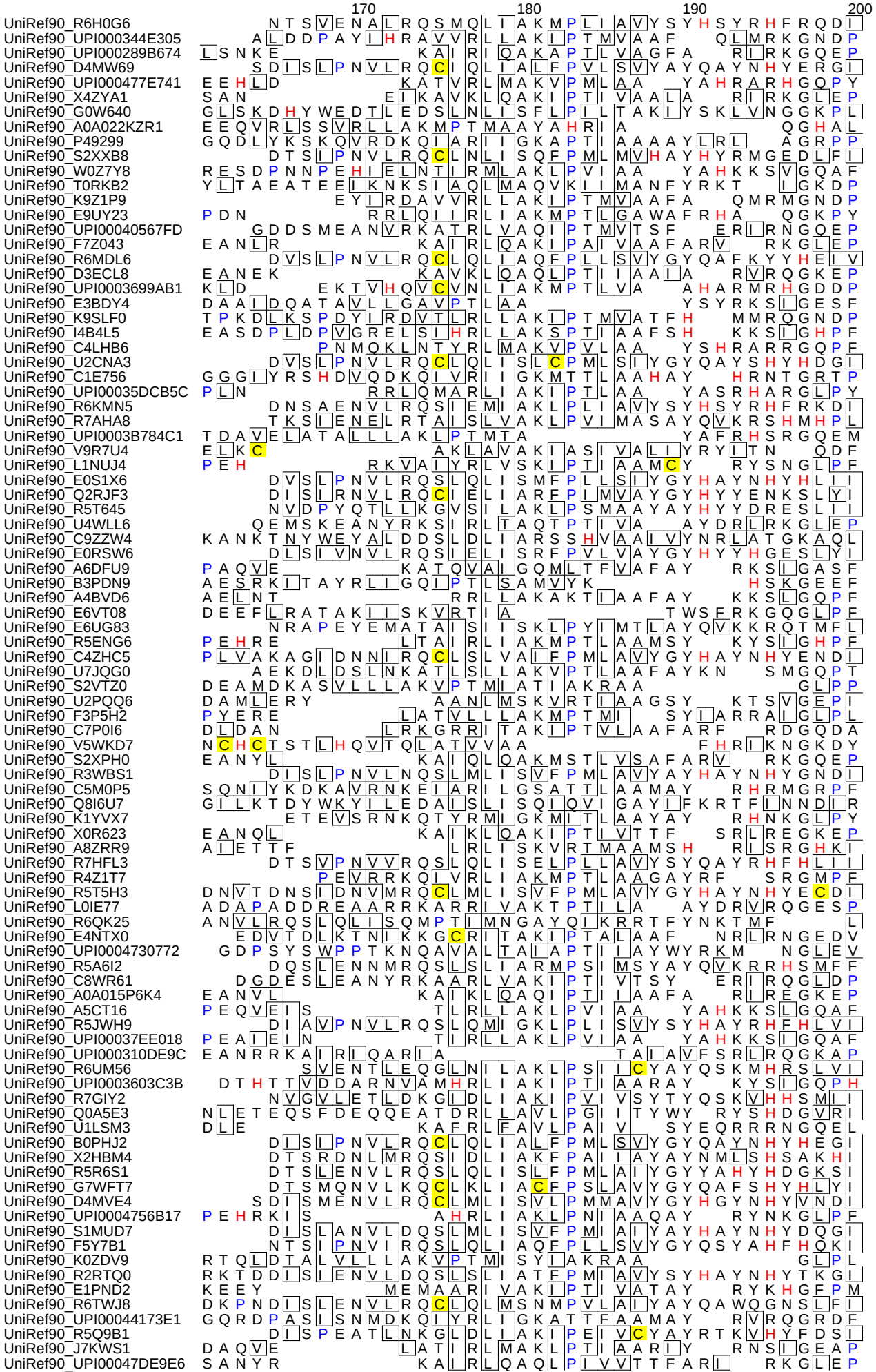

410
420
430
UniRef90_UPI00029ABE50 R L P G W I A Q W K E M H E N K E P I G R P R Q I Y V G E T D R A F
UniRef90_K2IRJ1 R T V G W I S Q W K E M I E D P M K I G R P R Q L Y T G A T E R
UniRef90_UPI00036186B0 R S V G W I A Q W D E M I S D E L K I G R P R Q L Y K G V T T R D V K S
UniRef90_A4BDM3 R T P G W I A H W K E M I S G P Y R I G R P R Q L Y T G H E Q R D L K K
UniRef90_F9UC85 R T V G W V S H W M E M M S D N N R I G R P R Q I Y H G P T Q R D
UniRef90_Q482S8 R T V G W I A H W D E M L S Q G Q K I G R P R Q K Y T G E I N R E F
UniRef90_UPI00047A07FF R L P G W I A Q W R E M R L R K E P I G R P R Q I Y I G E T H R E F K
UniRef90_UPI0004096869 R L P G W I A Q W K E M R E N K E P I G R P R Q V Y V G A T E R
UniRef90_L0GSI9 R T V G W V S H W M E M M A D N N R I G R P R Q I Y C G P T H R D
UniRef90_Q1QMM3 R T V G W I S Q W S E M I E D Q Q K I G R P R Q L Y T G A A R R Y V D
UniRef90_R9NJW8 R T V G W I A H W K E M H D D G V K I A R P R Q L Y T G Y D K R D F K S
UniRef90_UPI00036734FB R T T G W I A Q W N E M I T D T Q R I G R P R Q L Y T G P S E R P Y K
UniRef90_V8A7M3 R T V G W V S Q W R E M E E P G Q R I G R P R Q L Y V G Q A R R D
UniRef90_G5ZYJ2 R T V G W I S Q W K E M I E D D Q R I G R P R Q L Y T G P A H R E F
UniRef90_D7DKA5 R T A G W I A Q W S E M I S D E H K I G R P R Q L Y K G N L R R D
UniRef90_UPI00036AA147 R T I G W I S H W H E M I S G S Y R I G R P R Q L Y T G Y T E R D Y P T K
UniRef90_I0ICJ7 R M P G W I A Q W W E V N Q Q K S R I Y R P R Q V Y T G A R E R
UniRef90_Q22GZ1 R S I G W I T Q W S E M M A E G N K I G R P R Q L Y V G P P V R E F
UniRef90_Q0K8G2 R T P G W I S Q W E E M I T D E Y K I G R P R Q L F V G A A T R D V P
UniRef90_F9YQ47 R L P G W I A Q W K E M R Q G N E P I G R P R Q I Y V G Q T Q R K F
UniRef90_UPI0004781AFA R L P G W I A H Y R E Q L E M N T K I N R P R Q V Y T G E T L R K V
UniRef90_W0RGY2 R T A G W L A Q W E E M L L D E Q K I A R P R Q I Y I G P A E R
UniRef90_H2CC72 R M P G W I A Q W K E M I E D T T K I G R P R Q I Y T G A A H R Y V P
UniRef90_I3ZY68 R L P G W I S Q W K E M R E T H Q P I G R P R Q V Y T G A T T R D
UniRef90_UPI00037CF664 R T V G W I A Q W K E M E D P H Q K I G R P R Q L Y T G A D H R D
UniRef90_D0LX44 R L P G W I A H W R E M H N D G R R I G R P R Q V Y V G E Q K R D
UniRef90_E4NI89 R L P G W I A H W H E M K D P T S R I G R P R Q I Y T G V E I R D
UniRef90_F6FPT7 R M P G W I A Q W R E M M K D P Q K I G R P R Q I Y T G P T E R D
UniRef90_Q1NIZ1 R L P G W I A H W K E M W D D P A R I S R P R Q V Y V G P L G R P F
UniRef90_F4CTR7 R L P G W I A H W R E M I S D P Q K I G R P R Q L Y T G P T E R Y V D
UniRef90_UPI0003B6EE5C R L P G W I A H W R E M N L D T Q K I G R P Q Q L Y T G E P E R H Y P
UniRef90_D1BKM6 R M P G W I A Q W R E M M K D P Q K I G R P R Q I Y T G A T E R D
UniRef90_A0A010NSD9 R L P G W I A Q W R E M I E D S T K I G R P R Q I Y I G E P E R N Y P
UniRef90_T1ADE0 R T A G W I A H W I E Q H E T A D K I G R P R Q V Y T G A T K R D
UniRef90_K2Q0P8 R L P G W I A Q W R E M R L K Q E P I G R P R Q I Y V G E N Q R E F
UniRef90_F0VJQ3 R A I G I A S Q Y V W S R V L G L P I E R P K S T T L E R L K A A C L K K
UniRef90_I6WZU4 R V V G W I S Q W S E M I S D D Y R I G R P R Q L Y V G E T R R S V P
UniRef90_UPI0003664A59 R T V G W V A Q W K E M I E D N H K I S R P R Q L Y L G A D A R E F
UniRef90_UPI0003647988 R L P G W I A Q W R E M R L M K E P I G R P R Q V Y T G E T H R E L K
UniRef90_UPI00036C4B5E R T V G W I S H W N E M I T N P Y R I G R P R Q L Y T G K D K R K F
UniRef90_E0WR37 R T I G W V A H W K E M H D Q G I K I A R P R Q L Y T G Y S K R D F
UniRef90_B0XKG1 R A L G V L A S L V W D R A L G L P I E R P K S M S T D G L I K
UniRef90_W9G8E5 R L P G W I A Q W R E M M N D P I G R P R Q I Y I G E P E R D Y P A
UniRef90_V4J2X2 R T V G W I T H W M E M M S D N N R I G R P R Q I Y Q G P V A R D
UniRef90_C6X1X0 R L P G W I S Q W K E M R L H N D P I G R P R Q V Y Q G A Q K R D
UniRef90_C6WI44 R L P G W I A H W R E M I N D P I G R P R Q I Y I G S P A R D F
UniRef90_R5Q1W3 R I P G W I A H W K E G K D D A G K L V R P R Q V Y T G A
UniRef90_D2W3U4 R V A G W L A H W R E M V M D N L K I F R P R Q K Y T G H G L R Y V D
UniRef90_P83372 R S I G I G S Q L I W D R A L G L P L E R P K S V T M E S L E S F C K K
UniRef90_G2Z3S5 R L P G W I A Q W K E M R V N K E P I G R P R Q V Y T G Y A L R D F K
UniRef90_G4QLN7 R T V G W I S H W H E M L S Q G Q K I G R P R Q L Y T G E T Q R K
UniRef90_A0P4S8 R T A G W I A H W D E M M S T E N K I G R P R Q I Y N G K T R R D V P
UniRef90_M4VY20 R T V G W I S Q W K E M E E P S L K I G R P R Q L Y T G P A Q R Y V P
UniRef90_I4ESY8 R L P G W I A Q W R E M I E D P A K I G R P R Q V Y T G E T E R A F
UniRef90_F4A531 R T P G W C A H R I E Q I L S E F K I I R P A Y M N I K K E E K Y
UniRef90_B2GKP4 R L P G W I A Q W R E M I E D E T K I G R P R Q L Y V G E G E R H Y P T
UniRef90_R5WP40 R I A G W S A H R I E E L V N A G K I I R P A Y K Y V G T H R E Y L P M E
UniRef90_R8ANH1 R T V G W I A H W N E M H S E G L R I A R P R Q L Y T G E T Q R E F
UniRef90_Q4UF22 R S M G I L S Q L V W A R A L R Y P I E R P K S L S L E T V E K L C N S
UniRef90_I3RLL2 R A L G V L A
UniRef90_R7Y1T5 R T P G W L A Q W S E L I Q D D Q K I A R P K Q I Y T G E
UniRef90_G8S5J3 R L P G W I A Q W Q E M H D P A N K I G R P R Q I Y T G S P V R D F
UniRef90_W0JJY8 R S M G V L S N I T W D R A L G Y P I E R P K S V T L K M L E S L V Q K
UniRef90_A0A059G4S4 R T V G W V A Q L N E M I D D T Q R I G R P R Q I Y T G H A M R D
UniRef90_E1QH16 R L P G W I A Q W K E G A S D P N K L Y R P R Q I Y I G R T D R F V P
UniRef90_R6EHV3 R I V G W S A H R I E E L I N M D K I I R P A Y K S V M Q E L E Y V P
UniRef90_UPI00037D587B R T V G W V A H W A E M I S D P M R I A R P R Q V Y T G A P E R S V
UniRef90_W0E0Z0 R L P G W I A H W W E Q A G A G G R I A R P R Q L Y V G P E L D Y V P
UniRef90_J9IRK1 R S I G W I T Q W N E M M S E P V K I G R P R Q L Y V G M G K R K
UniRef90_R6NQ55 R I A G W S A H R L E E L S Q N G K I M R P A Y R N I G E R K E Y V P
UniRef90_R6F757 R I V G W S A H R L E E L K N V D K I I R P A Y K P L A P H R E Y I K
UniRef90_C9RMN8 R L P G W I A H W K E M H D D P Q K I N R P R Q I Y T G K T E R
UniRef90_U4TEP3 R T S G W V S H W I E L I A D N F R I T R P R Q L Y L G Y D Q R P F K
UniRef90_G8A512
UniRef90_K1YNP5 R L P G W I A H W Q E M N S N K S R I G R P R Q V Y K G I T S R P F R K
UniRef90_Q3SEX3 R T A G W V A Q W H E M L S D P H K I G R P R Q L Y A G P A R R D F
UniRef90_F5XNU5 R T P G W L A Q W S E L V Q D E Q K I A R P K Q I Y T G E R T R D F
UniRef90_F4P4G1 R T A G W L A H W R E Q L H D R V P I F R P Q Q V D I G Q E K R H Y K E R
UniRef90_A0A023BS88 R L P G W I A Q W K E M R L R K E P I G R P R Q I Y I G E N S R S F
UniRef90_K9PBL3 R T A G W L A H W K E Q L G A N R I Y R P S Q I Y T G P T E R
UniRef90_R7HUN1 R I V G W S A H R I E E L I T T D K I I R P A Y K S L A E K K E Y I N R E
UniRef90_A4BQU1 R A P G W L A Q W M E L V T D E Q R I G R P R Q L Y A G P S K R D
UniRef90_G7QM03 R L P G W I A Q W K E M E S P D M K I G R P R Q I Y T G S T E
UniRef90_R7C8N7 R I S G W S A H R L E E L V N K G K I I R P A Y K Y V G S
UniRef90_R6RU61 R I A G W S A H R L E E L V N K G K I I R P A Y K Y V G H H E E Y V D
UniRef90_F1KWZ6
UniRef90_R6K2V1 R I S G W C A H R L E E L V N A G K I I R P A Y K Y V G W H R D Y P K M E
UniRef90_D4M2G6 R I T G W S A H R L E E L L N A G K I I R P A Y K Y V G Q H T E F
UniRef90_D6XSS9 R V S G W I A H I L E Q Y S N N R L I R P R A E Y V G P D K Q
UniRef90_Q1GUX5 R T V G W V A Q W N E M I S D P Q K I G R P R Q L Y T G P T H R Y V P
UniRef90_B3EG62 R I P G W L A Q W I E H K D D E Q K I A R P R Q I Y L G E D E R Q F
UniRef90_F5SLF6 R V S G W T A H V L E Q Y A D N R L I R P R A E Y T G P

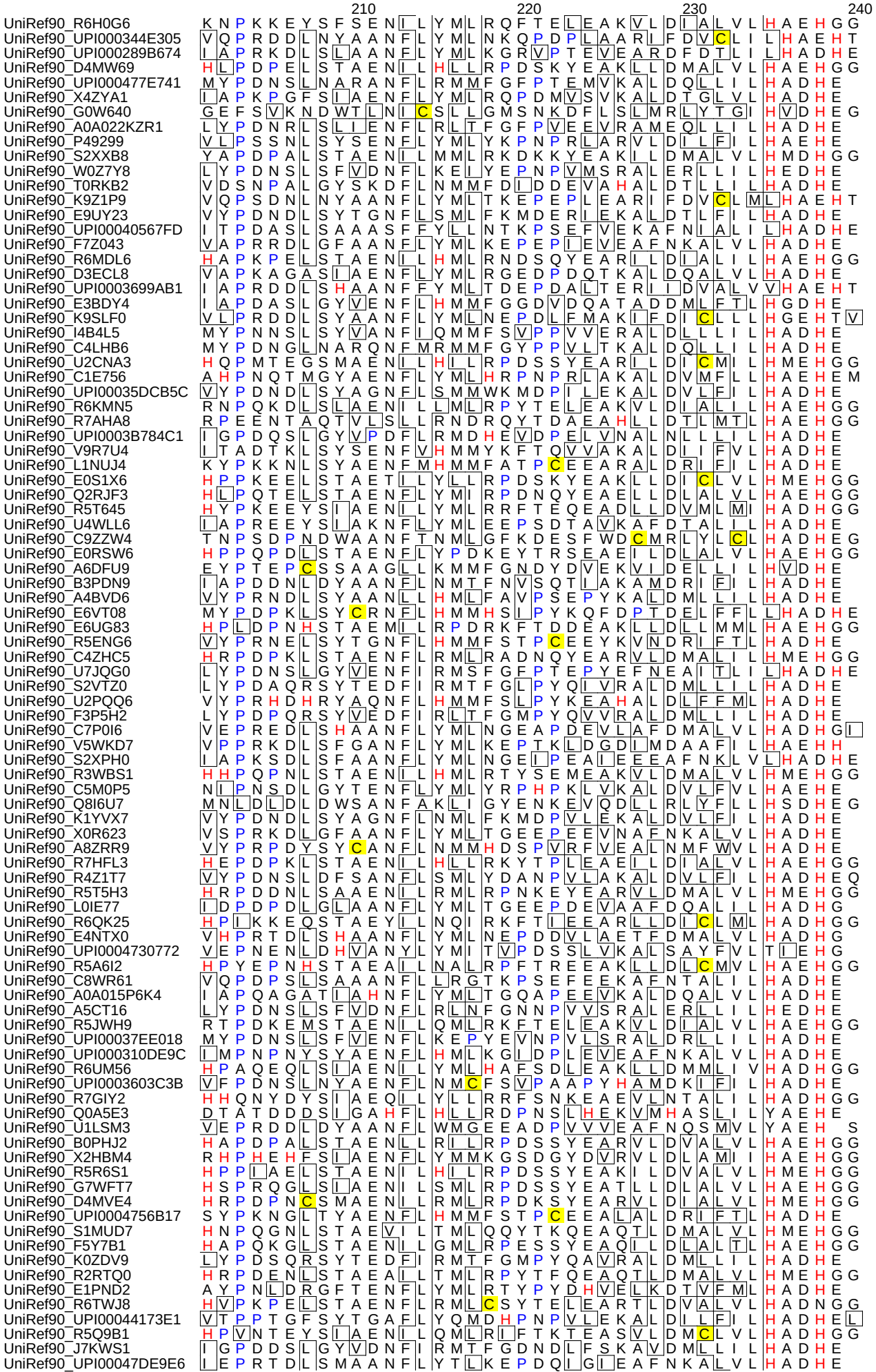

1
10
20
30
40
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

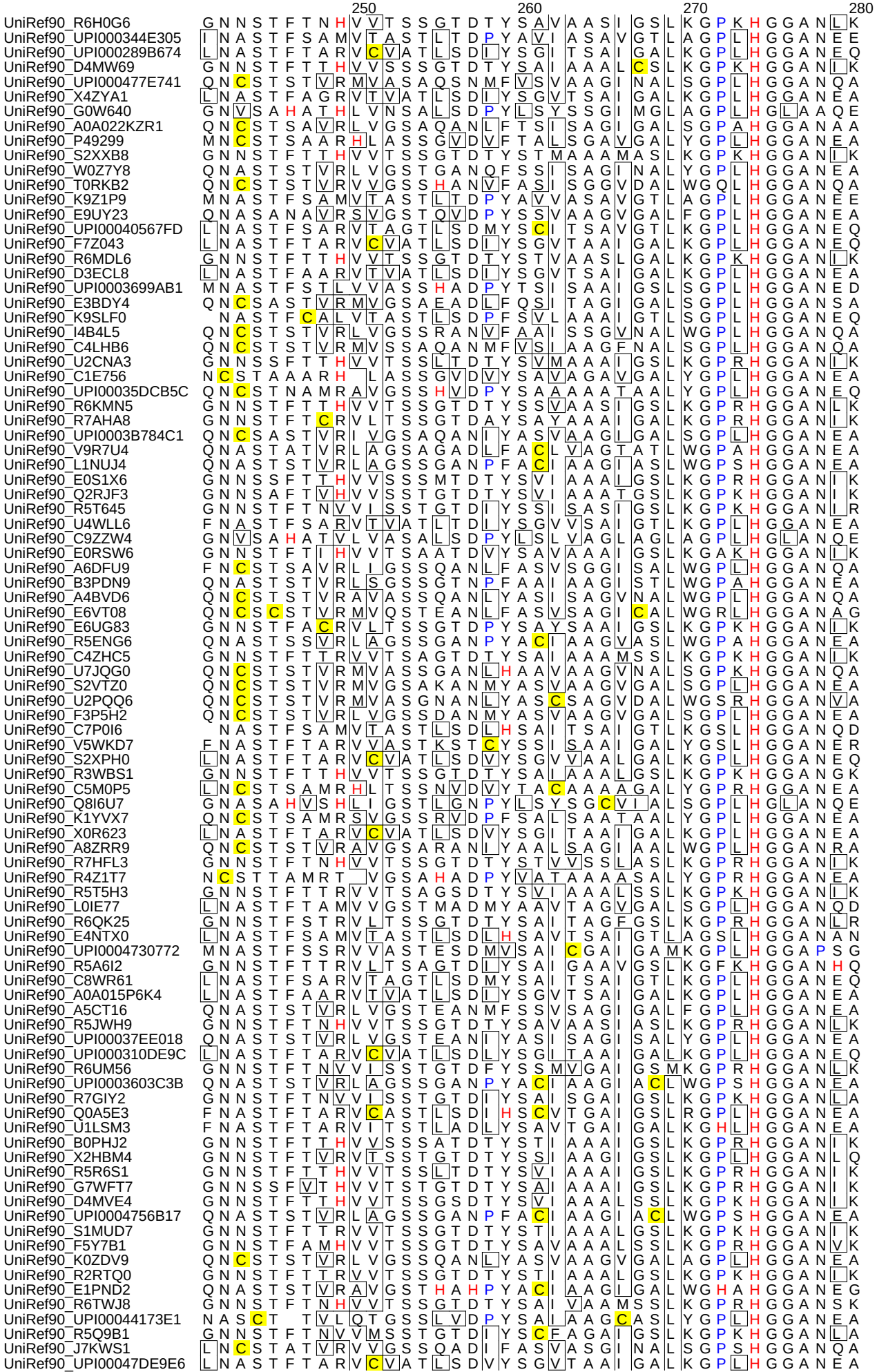

50
60
70
80
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

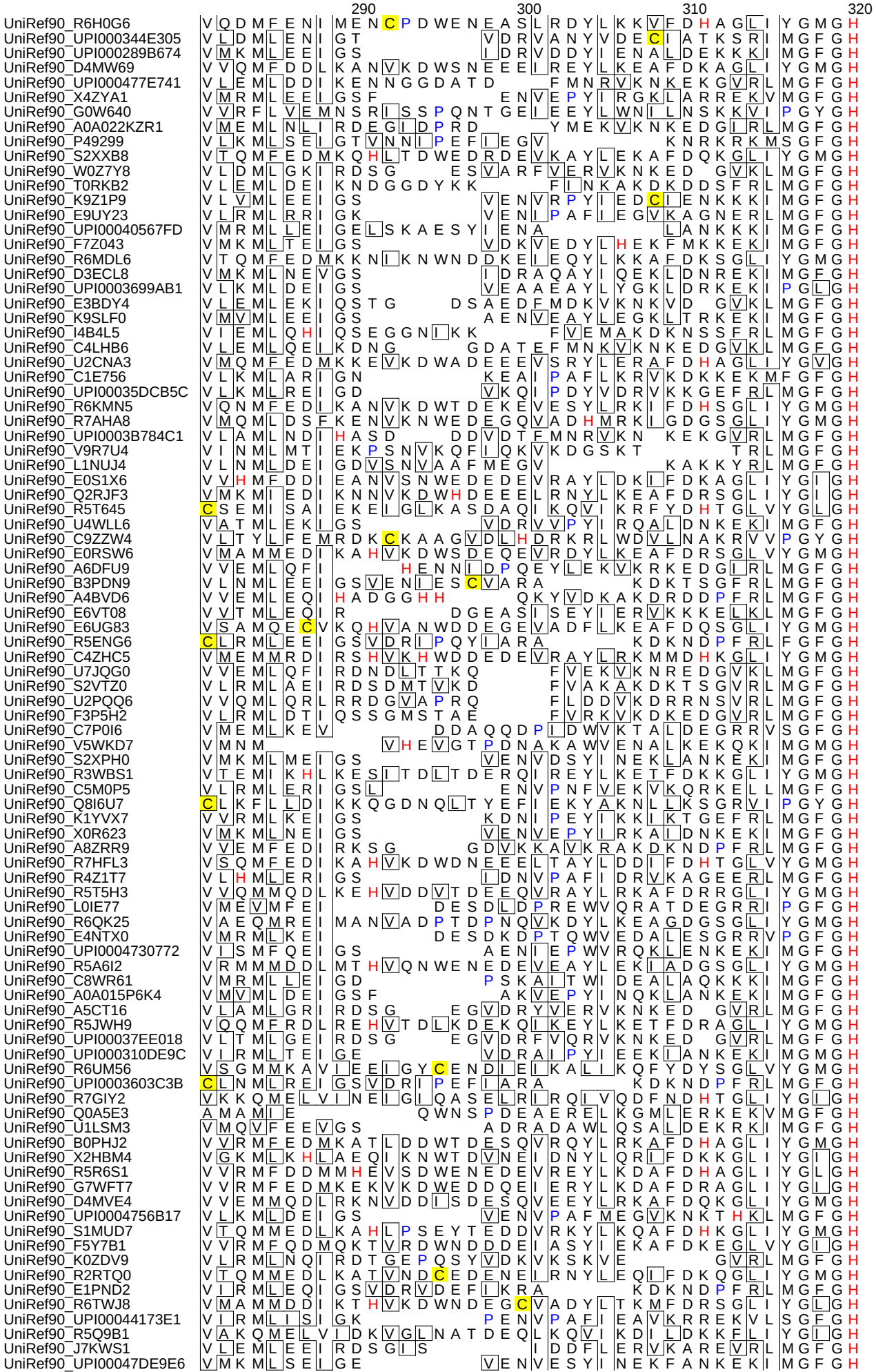

90
100
110
120
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

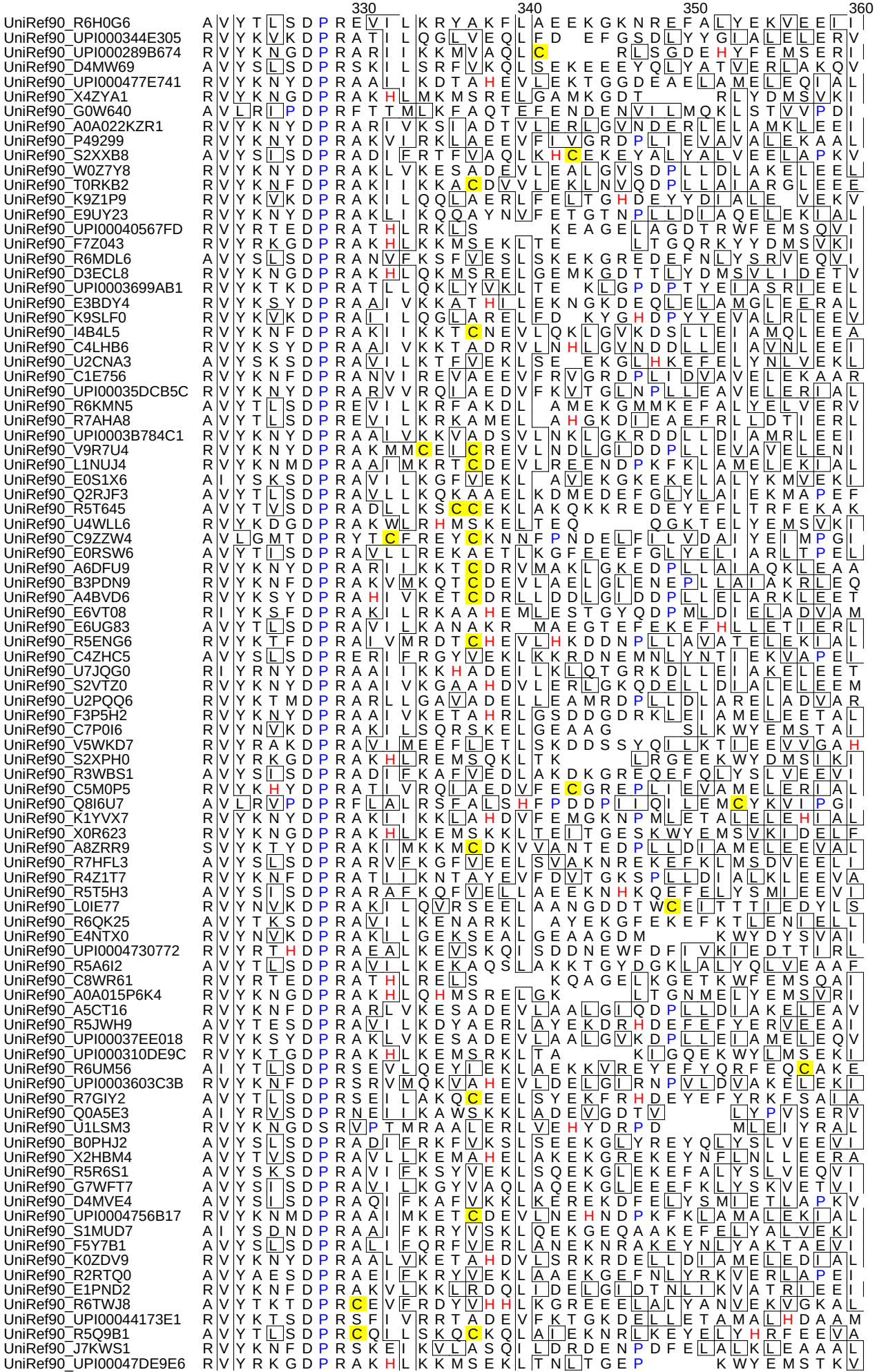

130
140
150
160
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

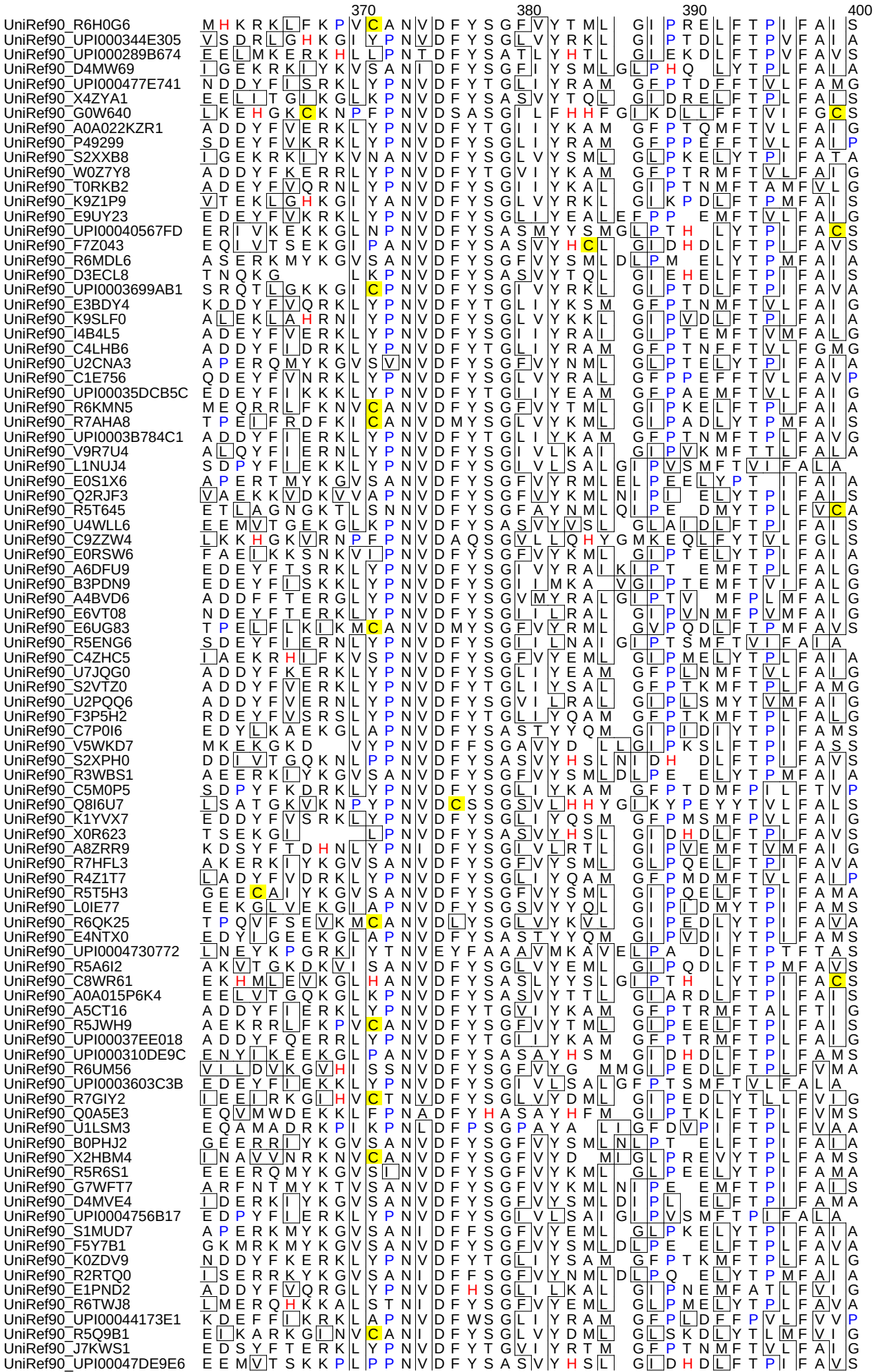

170
180
190
200
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

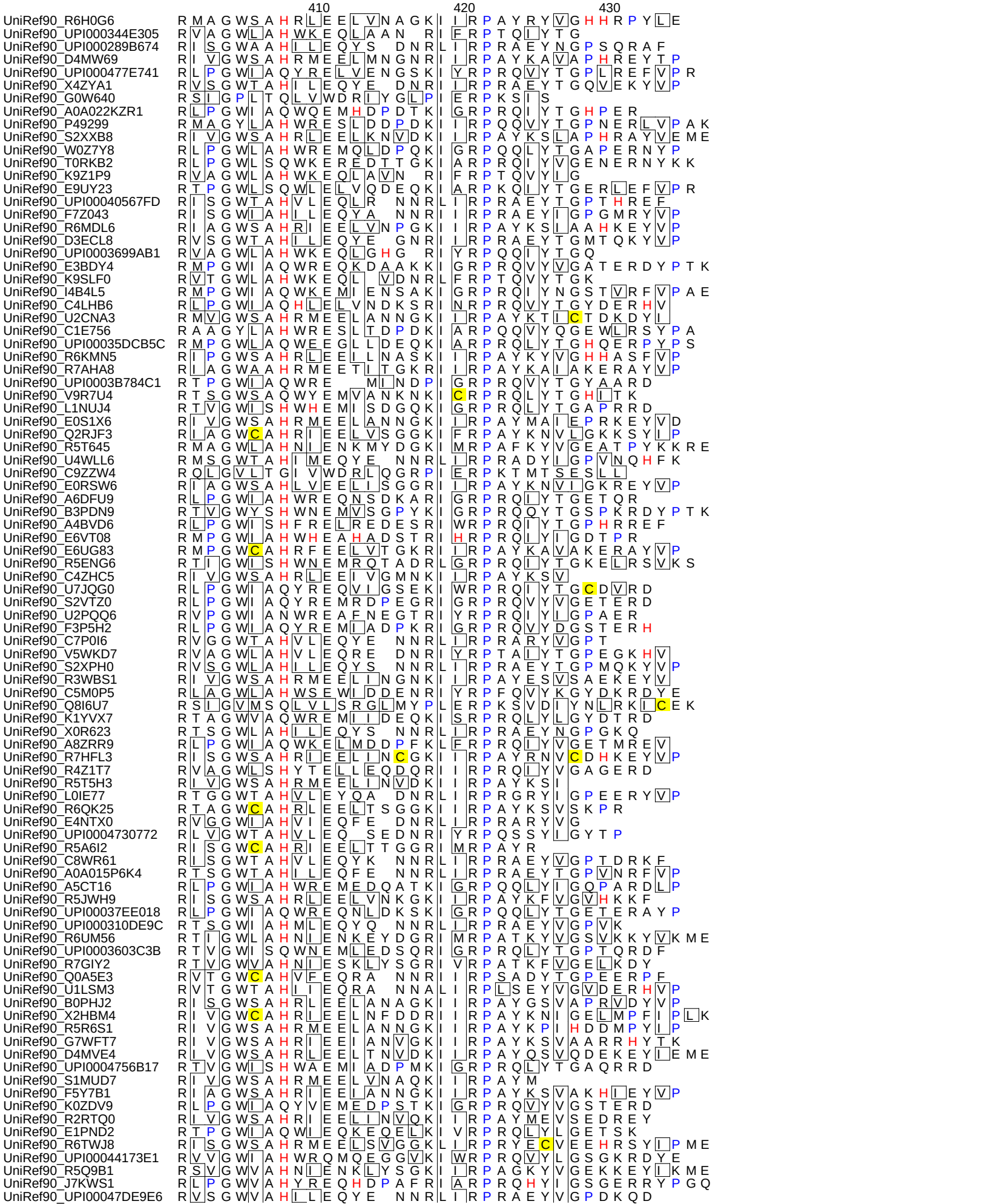

210
220
230
240
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

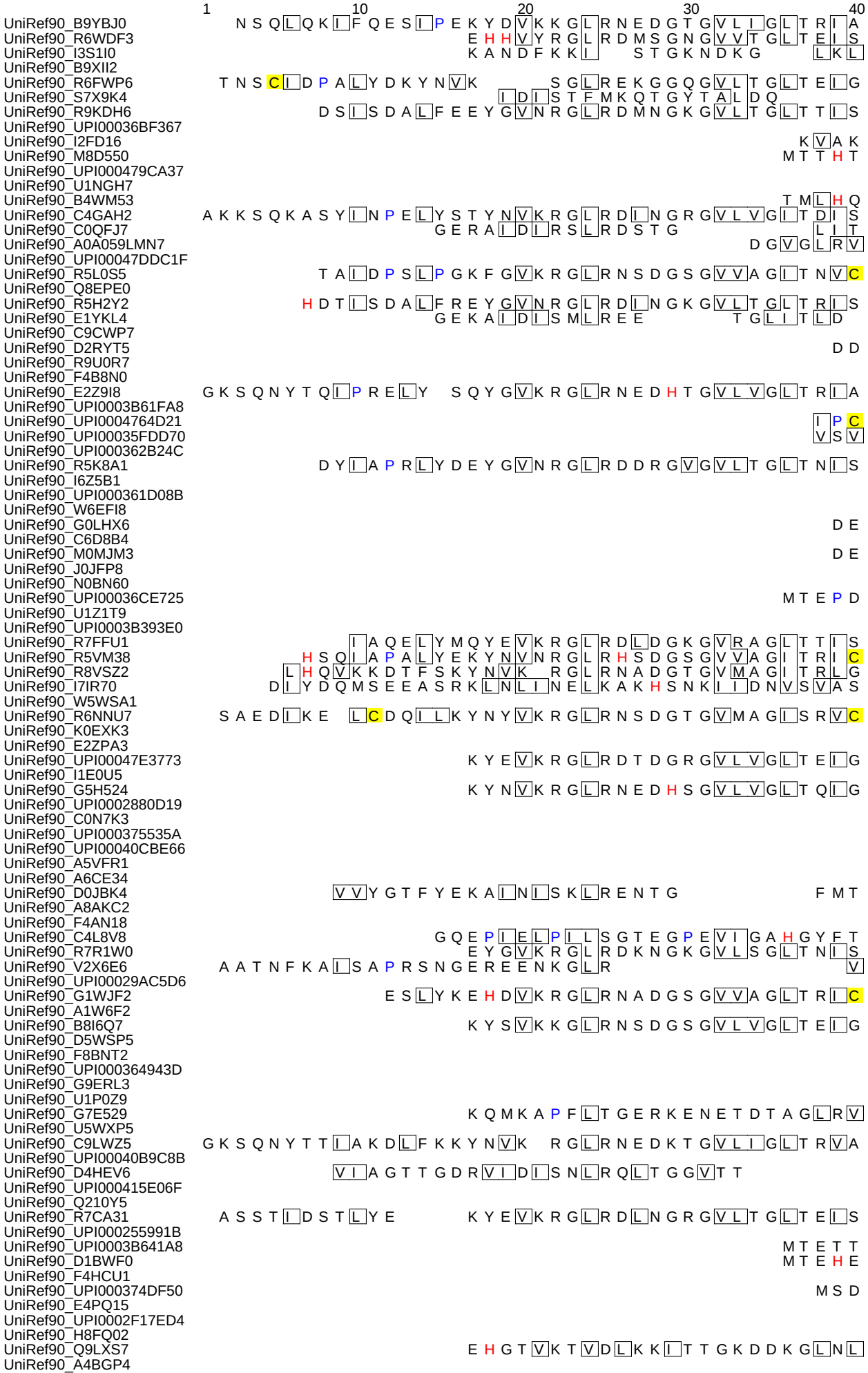

250
260
270
280
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

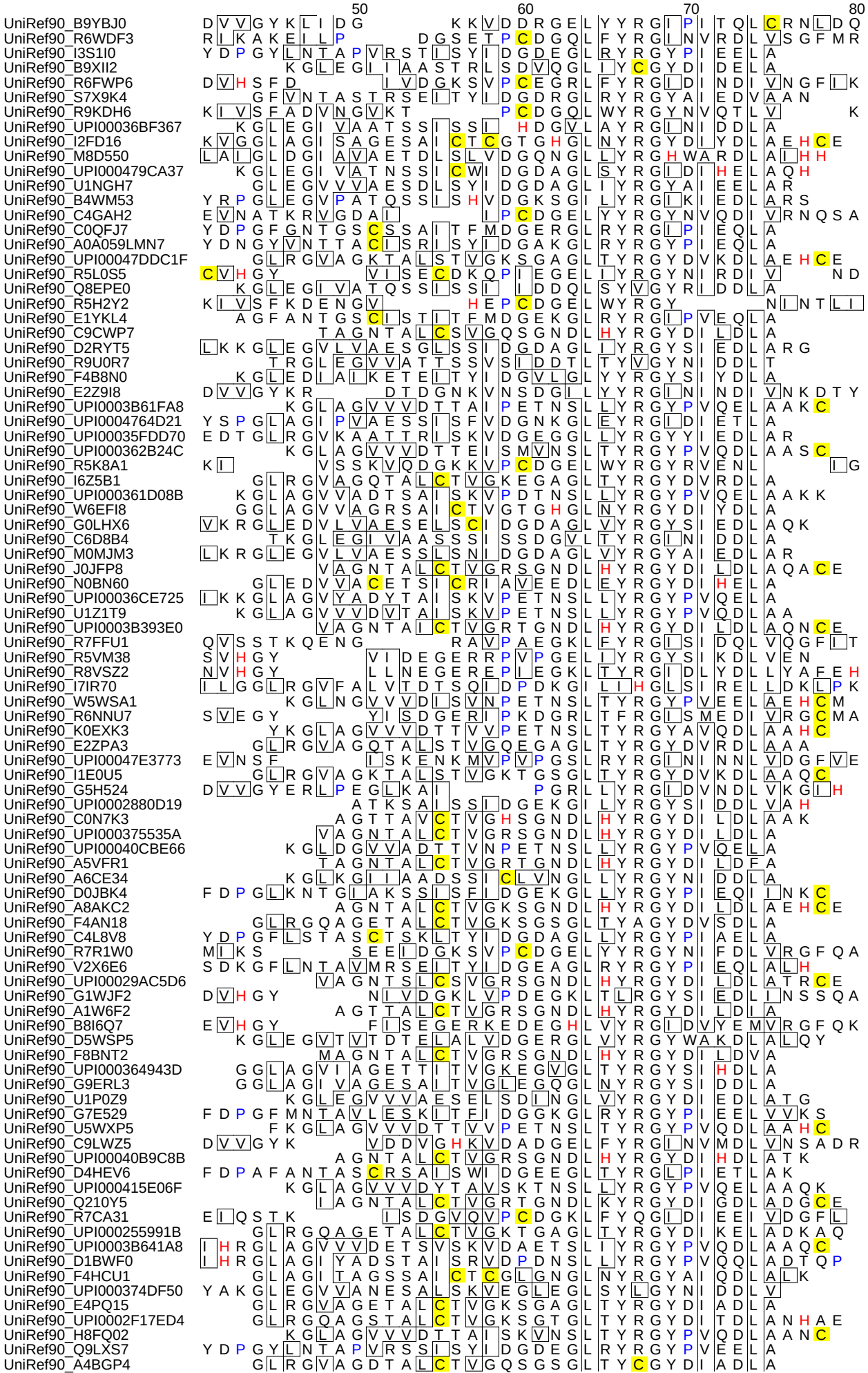

290
300
310
320
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

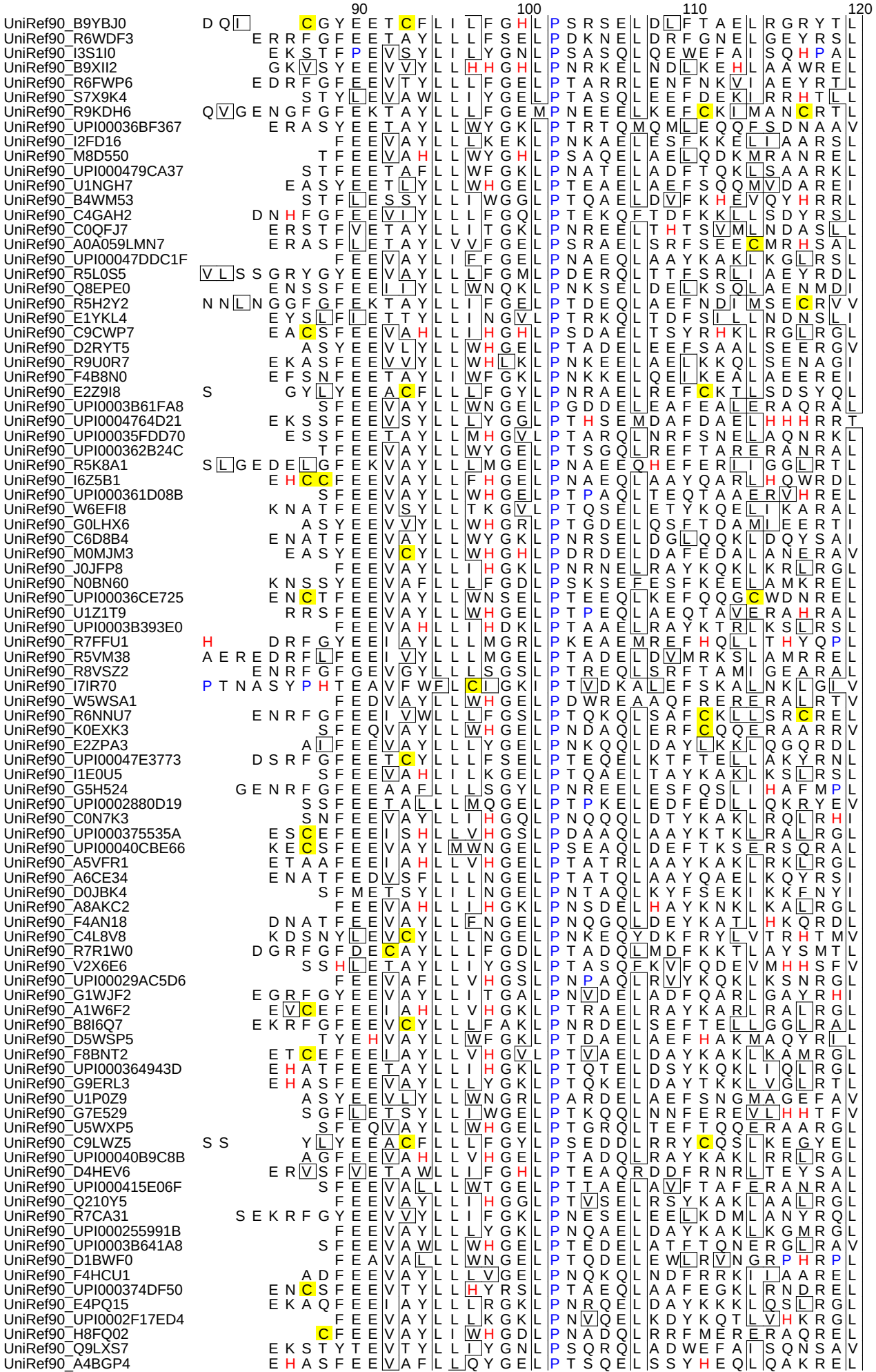

330
340
350
360
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

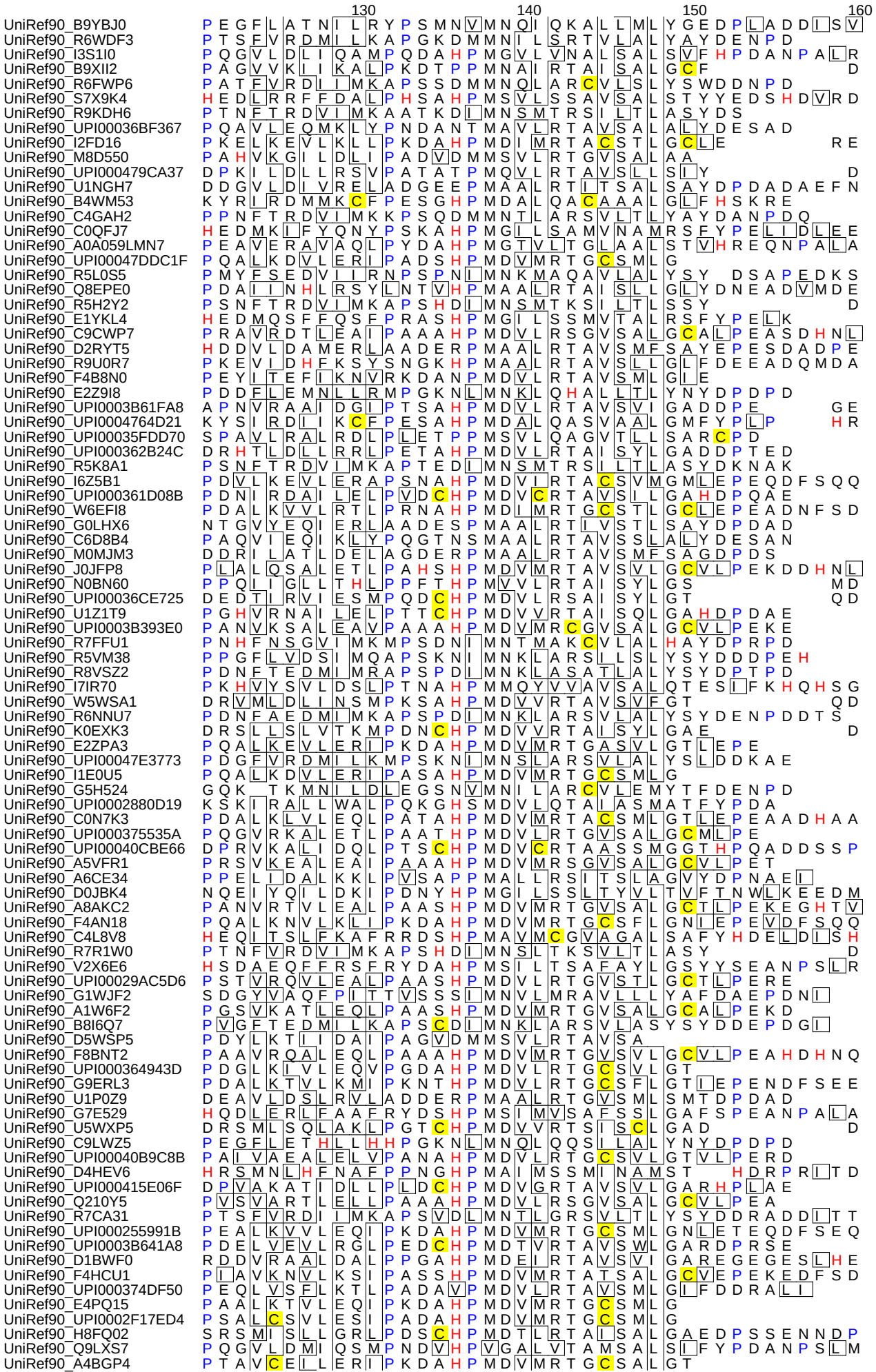

370
380
390
400
UniRef90_R6H0G6
UniRef90_UPI000344E305
UniRef90_UPI000289B674
UniRef90_D4MW69
UniRef90_UPI000477E741
UniRef90_X4ZYA1
UniRef90_G0W640
UniRef90_A0A022KZR1
UniRef90_P49299
UniRef90_S2XXB8
UniRef90_W0Z7Y8
UniRef90_T0RKB2
UniRef90_K9Z1P9
UniRef90_E9UY23
UniRef90_UPI00040567FD
UniRef90_F7Z043
UniRef90_R6MDL6
UniRef90_D3ECL8
UniRef90_UPI0003699AB1
UniRef90_E3BDY4
UniRef90_K9SLF0
UniRef90_I4B4L5
UniRef90_C4LHB6
UniRef90_U2CNA3
UniRef90_C1E756
UniRef90_UPI00035DCB5C
UniRef90_R6KMN5
UniRef90_R7AHA8
UniRef90_UPI0003B784C1
UniRef90_V9R7U4
UniRef90_L1NUJ4
UniRef90_E0S1X6
UniRef90_Q2RJF3
UniRef90_R5T645
UniRef90_U4WLL6
UniRef90_C9ZZW4
UniRef90_E0RSW6
UniRef90_A6DFU9
UniRef90_B3PDN9
UniRef90_A4BVD6
UniRef90_E6VT08
UniRef90_E6UG83
UniRef90_R5ENG6
UniRef90_C4ZHC5
UniRef90_U7JQG0
UniRef90_S2VTZ0
UniRef90_U2PQQ6
UniRef90_F3P5H2
UniRef90_C7P0I6
UniRef90_V5WKD7
UniRef90_S2XPH0
UniRef90_R3WBS1
UniRef90_C5M0P5
UniRef90_Q8I6U7
UniRef90_K1YVX7
UniRef90_X0R623
UniRef90_A8ZRR9
UniRef90_R7HFL3
UniRef90_R4Z1T7
UniRef90_R5T5H3
UniRef90_L0IE77
UniRef90_R6QK25
UniRef90_E4NTX0
UniRef90_UPI0004730772
UniRef90_R5A6I2
UniRef90_C8WR61
UniRef90_A0A015P6K4
UniRef90_A5CT16
UniRef90_R5JWH9
UniRef90_UPI00037EE018
UniRef90_UPI000310DE9C
UniRef90_R6UM56
UniRef90_UPI0003603C3B
UniRef90_R7GIY2
UniRef90_Q0A5E3
UniRef90_U1LSM3
UniRef90_B0PHJ2
UniRef90_X2HBM4
UniRef90_R5R6S1
UniRef90_G7WFT7
UniRef90_D4MVE4
UniRef90_UPI0004756B17
UniRef90_S1MUD7
UniRef90_F5Y7B1
UniRef90_K0ZDV9
UniRef90_R2RTQ0
UniRef90_E1PND2
UniRef90_R6TWJ8
UniRef90_UPI00044173E1
UniRef90_R5Q9B1
UniRef90_J7KWS1
UniRef90_UPI00047DE9E6

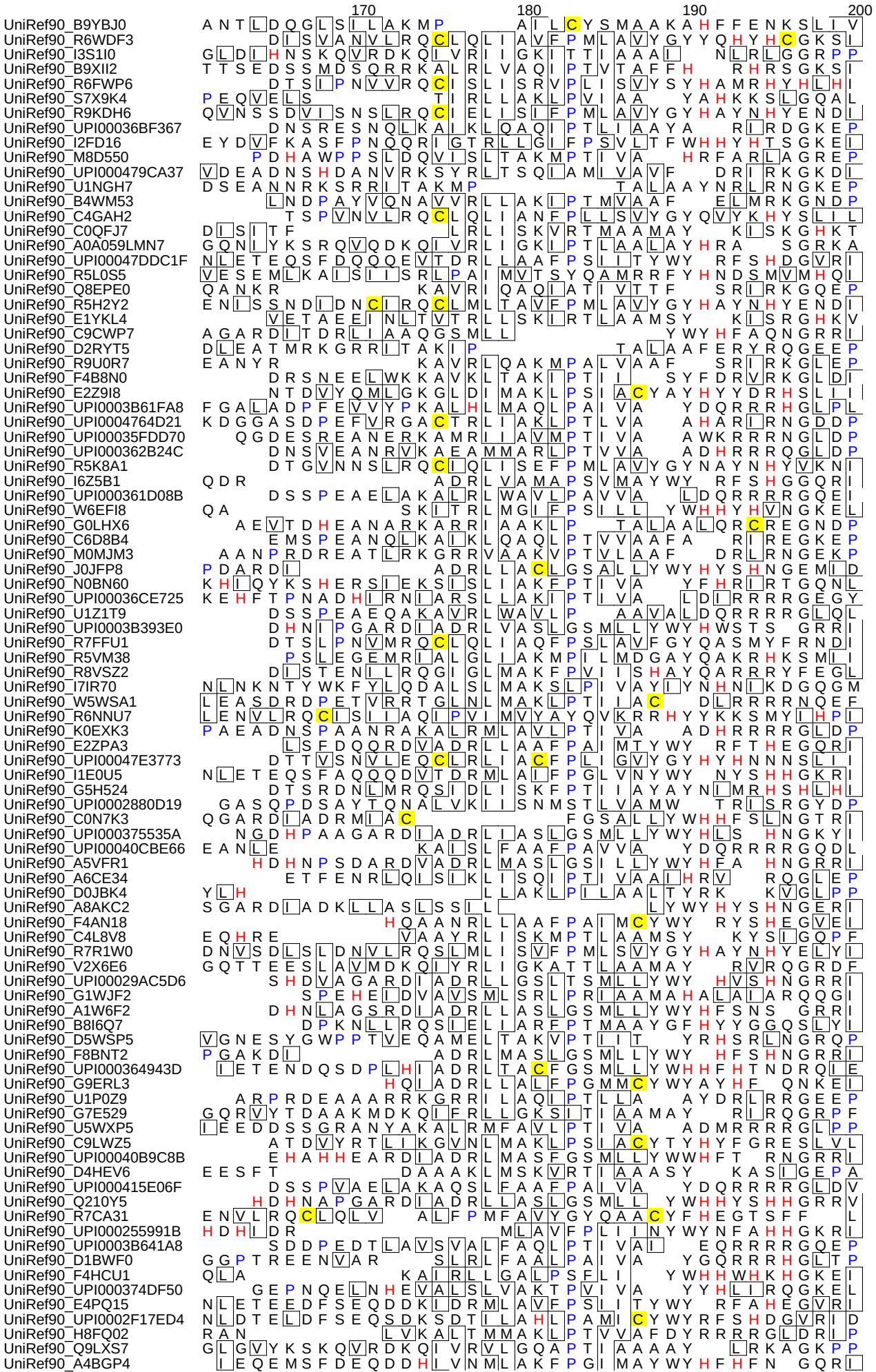

410
420
430
UniRef90_R6H0G6 R M A G W S A H R L E E L V N A G K I I R P A Y R Y V G H H R P Y L E
UniRef90_UPI000344E305 R V A G W L A H W K E Q L A A N R I F R P T Q I Y T G
UniRef90_UPI000289B674 R I S G W A A H I L E Q Y S D N R L I R P R A E Y N G P S Q R A F
UniRef90_D4MW69 R I V G W S A H R M E E L M N G N R I I R P A Y K A V A P H R E Y T P
UniRef90_UPI000477E741 R L P G W I A Q Y R E L V E N G S K I Y R P R Q V Y T G P L R E F V P R
UniRef90_X4ZYA1 R V S G W T A H I L E Q Y E D N R I I R P R A E Y T G Q V E K Y V P
UniRef90_G0W640 R S I G P L T Q L V W D R I Y G L P I E R P K S I S
UniRef90_A0A022KZR1 R L P G W I A Q W Q E M H D P D T K I G R P R Q I Y T G H P E R
UniRef90_P49299 R M A G Y L A H W R E S L D D P D K I I R P Q Q V Y T G P N E R L V P A K
UniRef90_S2XXB8 R I V G W S A H R L E E L K N V D K I I R P A Y K S L A P H R A Y V E M E
UniRef90_W0Z7Y8 R L P G W L A H W R E M Q L D P Q K I G R P Q Q L Y T G A P E R N Y P
UniRef90_T0RKB2 R L P G W L S Q W K E R E D T T G K I A R P R Q I Y V G E N E R N Y K K
UniRef90_K9Z1P9 R V A G W L A H W K E Q L A V N R I F R P T Q V Y I G
UniRef90_E9UY23 R T P G W L S Q W L E L V Q D E Q K I A R P K Q I Y T G E R L E F V P R
UniRef90_UPI00040567FD R I S G W T A H V L E Q L R N N R L I R P R A E Y T G P T H R E F
UniRef90_F7Z043 R I S G W I A H I L E Q Y A N N R I I R P R A E Y I G P G M R Y V P
UniRef90_R6MDL6 R I A G W S A H R I E E L V N P G K I I R P A Y K S I A A H K E Y V P
UniRef90_D3ECL8 R V S G W T A H I L E Q Y E G N R I I R P R A E Y T G M T Q K Y V P
UniRef90_UPI0003699AB1 R V A G W L A H W K E Q L G H G R I Y R P Q Q I Y T G Q
UniRef90_E3BDY4 R M P G W I A Q W R E Q K D A A K K I G R P R Q V Y V G A T E R D Y P T K
UniRef90_K9SLF0 R V T G W L A H W K E Q L V D N R L F R P T Q V Y T G K
UniRef90_I4B4L5 R M P G W I A Q W K E M I E N S A K I G R P R Q I Y N G S T V R F V P A E
UniRef90_C4LHB6 R L P G W I A Q H L E L V N D K S R I N R P R Q V Y T G Y D E R H V
UniRef90_U2CNA3 R M V G W S A H R M E E L A N N G K I I R P A Y K T I C T D K D Y I
UniRef90_C1E756 R A A G Y L A H W R E S L T D P D K I A R P Q Q V Y Q G E W L R S Y P A
UniRef90_UPI00035DCB5C R M P G W L A Q W E E G L L D E Q K I A R P R Q L Y T G H Q E R P Y P S
UniRef90_R6KMN5 R I P G W S A H R L E E I L N A S K I I R P A Y K Y V G H H A S F V P
UniRef90_R7AHA8 R I A G W A A H R M E E T I T G K R I I R P A Y K A I A K E R A Y V P
UniRef90_UPI0003B784C1 R T P G W I A Q W R E M I N D P I G R P R Q V Y T G Y A A R D
UniRef90_V9R7U4 R T S G W S A Q W Y E M V A N K N K I C R P R Q L Y T G H I T K
UniRef90_L1NUJ4 R T V G W I S H W H E M I S D G Q K I G R P R Q L Y T G A P R R D
UniRef90_E0S1X6 R I V G W S A H R M E E L A N N G K I I R P A Y M A I E P R K E Y V D
UniRef90_Q2RJF3 R I A G W C A H R I E E L V S G G K I F R P A Y K N V L G K K S Y I P
UniRef90_R5T645 R M A G W L A H N I E N K M Y D G K I M R P A F K Y V G E A T P Y K K R E
UniRef90_U4WLL6 R M S G W T A H I M E Q Y E N N R L I R P R A D Y I G P V N Q H F K
UniRef90_C9ZZW4 R Q L G V L T G I V W D R L Q G R P I E R P K T M T S E S L L
UniRef90_E0RSW6 R I A G W S A H L V E E L I S G G R I I R P A Y K N V I G K R E Y V P
UniRef90_A6DFU9 R L P G W I A H W R E Q N S D K A R I G R P R Q I Y T G E T Q R
UniRef90_B3PDN9 R T V G W Y S H W N E M V S G P Y K I G R P R Q Q Y T G S P K R D Y P T K
UniRef90_A4BVD6 R L P G W I S H F R E L R E D E S R I W R P R Q I Y T G P H R R E F
UniRef90_E6VT08 R M P G W I A H W H E A H A D S T R I H R P R Q I Y I G D T P R
UniRef90_E6UG83 R M P G W C A H R F E E L V T G K R I I R P A Y K A V A K E R A Y V P
UniRef90_R5ENG6 R T I G W I S H W N E M R Q T A D R L G R P R Q I Y T G K E L R S V K S
UniRef90_C4ZHC5 R I V G W S A H R L E E I V G M N K I I R P A Y K S V
UniRef90_U7JQG0 R L P G W I A Q Y R E Q V I G S E K I W R P R Q I Y T G C D V R D
UniRef90_S2VTZ0 R L P G W I A Q Y R E M R D P E G R I G R P R Q V Y V G E T E R D
UniRef90_U2PQQ6 R V P G W I A N W R E A F N E G T R I Y R P R Q I Y I G P A E R
UniRef90_F3P5H2 R L P G W I A Q Y R E M I A D P K R I G R P R Q V Y D G S T E R H
UniRef90_C7P0I6 R V G G W T A H V L E Q Y E N N R L I R P R A R Y V G P T
UniRef90_V5WKD7 R V A G W L A H V L E Q R E D N R I Y R P T A I Y T G P E G K H V
UniRef90_S2XPH0 R V S G W L A H I L E Q Y S N N R L I R P R A E Y T G P M Q K Y V P
UniRef90_R3WBS1 R I V G W S A H R M E E L I N G N K I I R P A Y E S V S A E K E Y V
UniRef90_C5M0P5 R L A G W L A H W S E W I D D E N R I Y R P F Q V Y K G Y D K R D Y E
UniRef90_Q8I6U7 R S I G V M S Q L V L S R G L M Y P L E R P K S V D I Y N L R K I C E K
UniRef90_K1YVX7 R T A G W V A Q W R E M I I D E Q K I S R P R Q L Y L G Y D T R D
UniRef90_X0R623 R T S G W L A H I L E Q Y S N N R L I R P R A E Y N G P G K Q
UniRef90_A8ZRR9 R L P G W I A Q W K E L M D D P F K L F R P R Q I Y V G E T M R E V
UniRef90_R7HFL3 R I S G W S A H R I E E L I N C G K I I R P A Y R N V C D H K E Y V P
UniRef90_R4Z1T7 R V A G W L S H Y T E L L E Q D Q R I I R P R Q I Y V G A G E R D
UniRef90_R5T5H3 R I V G W S A H R M E E L I N V D K I I R P A Y K S I
UniRef90_L0IE77 R T G G W T A H V L E Y Q A D N R L I R P R G R Y I G P E E R Y V P
UniRef90_R6QK25 R T A G W C A H R L E E L T S G G K I I R P A Y K S V S K P R
UniRef90_E4NTX0 R V G G W I A H V I E Q F E D N R L I R P R A R Y V G
UniRef90_UPI0004730772 R L V G W T A H V L E Q S E D N R I Y R P Q S S Y I G Y T P
UniRef90_R5A6I2 R I S G W C A H R I E E L T T G G R I M R P A Y R
UniRef90_C8WR61 R I S G W T A H V L E Q Y K N N R L I R P R A E Y V G P T D R K F
UniRef90_A0A015P6K4 R T S G W T A H I L E Q F E N N R L I R P R A E Y T G P V N R F V P
UniRef90_A5CT16 R L P G W I A H W R E M E D Q A T K I G R P Q Q L Y I G Q P A R D L P
UniRef90_R5JWH9 R I S G W S A H R L E E L V N K G K I I R P A Y K F V G V H K K F
UniRef90_UPI00037EE018 R L P G W I A Q W R E Q N L D K S K I G R P Q Q L Y T G E T E R A Y P
UniRef90_UPI000310DE9C R T S G W I A H M L E Q Y Q N N R L I R P R A E Y V G P V K
UniRef90_R6UM56 R T I G W L A H N I E N K E Y D G R I M R P A T K Y V G S V K K Y V K M E
UniRef90_UPI0003603C3B R T V G W I S Q W N E M L E D S Q R I G R P R Q L Y T G P T Q R D F
UniRef90_R7GIY2 R T V G W V A H N I E S K L Y S G R I V R P A T K F V G E L K D Y
UniRef90_Q0A5E3 R V T G W C A H V F E Q R A N N R I I R P S A D Y T G P E E R P F
UniRef90_U1LSM3 R V T G W T A H I I E Q R A N N A L I R P L S E Y V G V D E R H V P
UniRef90_B0PHJ2 R I S G W S A H R L E E L A N A G K I I R P A Y G S V A P R V D Y V P
UniRef90_X2HBM4 R I V G W C A H R I E E L N F D D R I I R P A Y K N I G E L M P F I P L K
UniRef90_R5R6S1 R I V G W S A H R M E E L A N N G K I I R P A Y K P I H D D M P Y I P
UniRef90_G7WFT7 R I V G W S A H R I E E I A N V G K I I R P A Y K S V A A R R H Y T K
UniRef90_D4MVE4 R I V G W S A H R L E E L T N V D K I I R P A Y Q S V Q D E K E Y I E M E
UniRef90_UPI0004756B17 R T V G W I S H W A E M I A D P M K I G R P R Q L Y T G A Q R R D
UniRef90_S1MUD7 R I V G W S A H R M E E L V N A Q K I I R P A Y M
UniRef90_F5Y7B1 R I A G W S A H R I E E I A N N G K I I R P A Y K S V A K H I E Y V P
UniRef90_K0ZDV9 R L P G W I A Q Y V E M E D P S T K I G R P R Q V Y V G S T E R D
UniRef90_R2RTQ0 R I V G W S A H R I E E L I N V Q K I I R P A Y M E V S E D R E Y
UniRef90_E1PND2 R T P G W I A Q W I E Q K E Q E L K I V R P R Q L Y L G E T S K
UniRef90_R6TWJ8 R I S G W S A H R M E E L S V G G K L I R P R Y E C V E E H R S Y I P M E
UniRef90_UPI00044173E1 R V V G W I A H W R Q M Q E G G V K I W R P R Q V Y L G S G K R D Y E
UniRef90_R5Q9B1 R S V G W V A H N I E N K L Y S G K I I R P A G K Y V G E K K E Y I K M E
UniRef90_J7KWS1 R L P G W V A H Y R E Q H D P A F R I A R P R Q H Y I G S G E R R Y P G Q
UniRef90_UPI00047DE9E6 R V S G W V A H I L E Q Y E N N R L I R P R A E Y V G P D K Q D

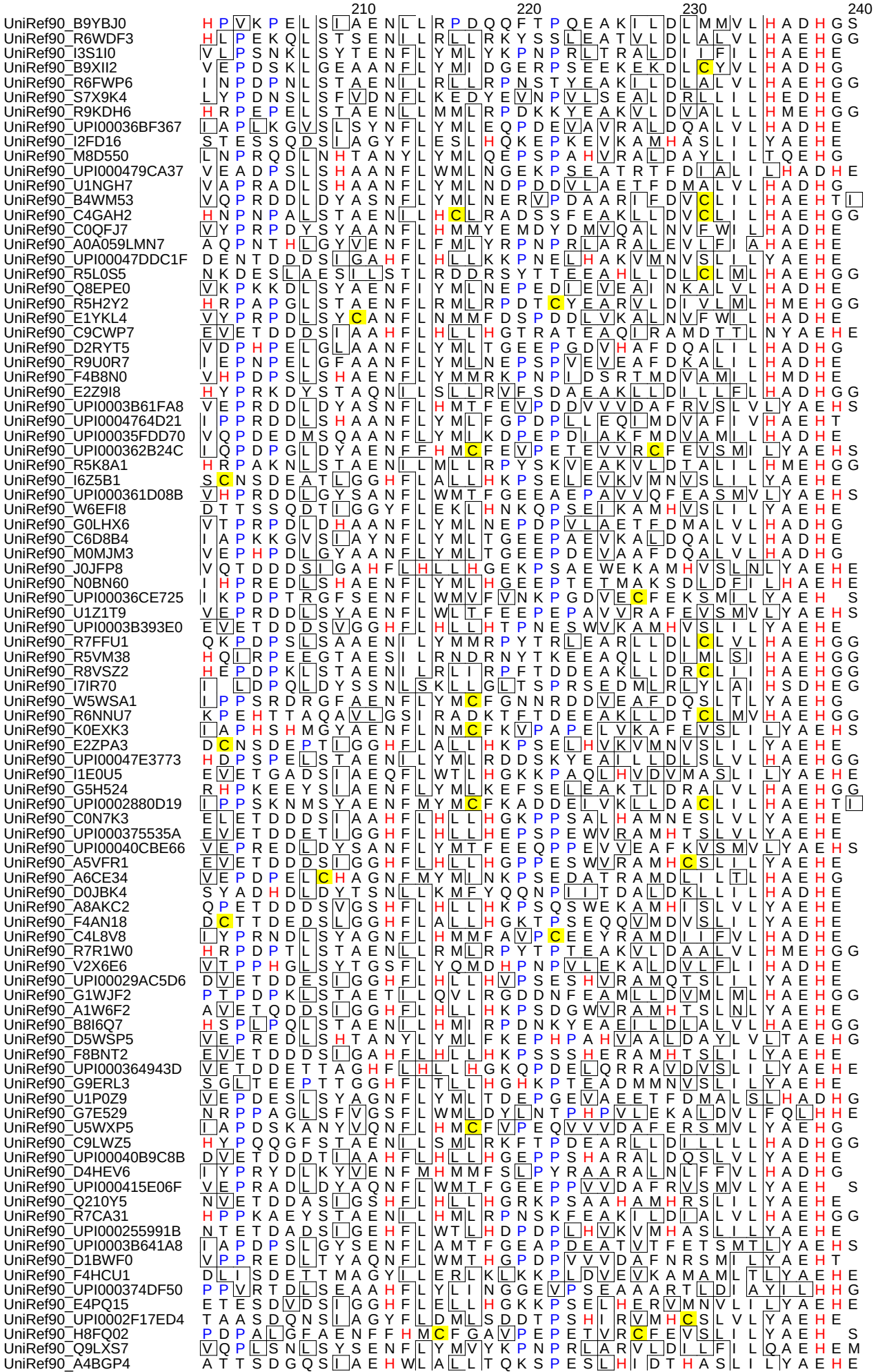

1
10
20
30
40
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

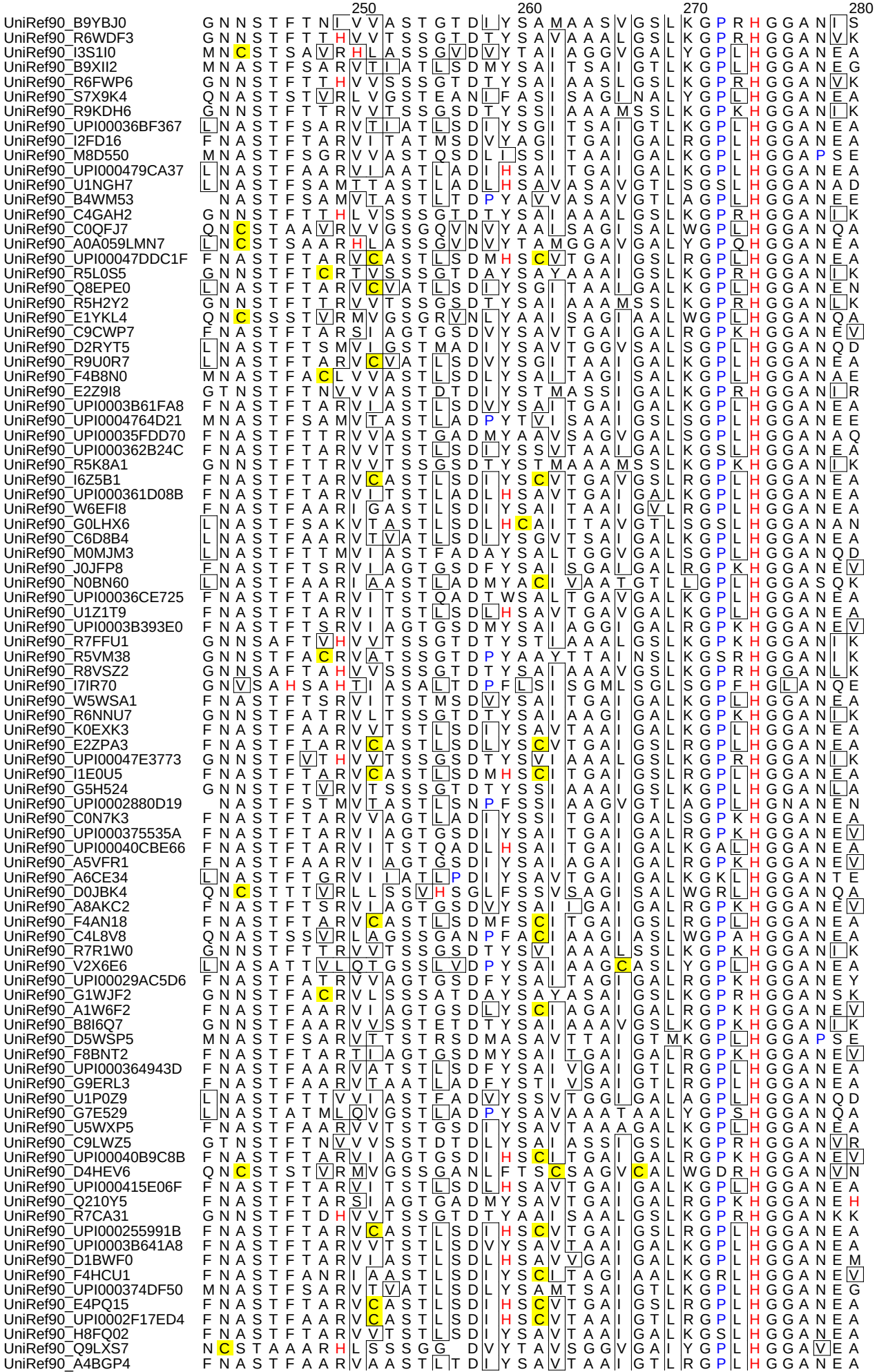

50
60
70
80
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

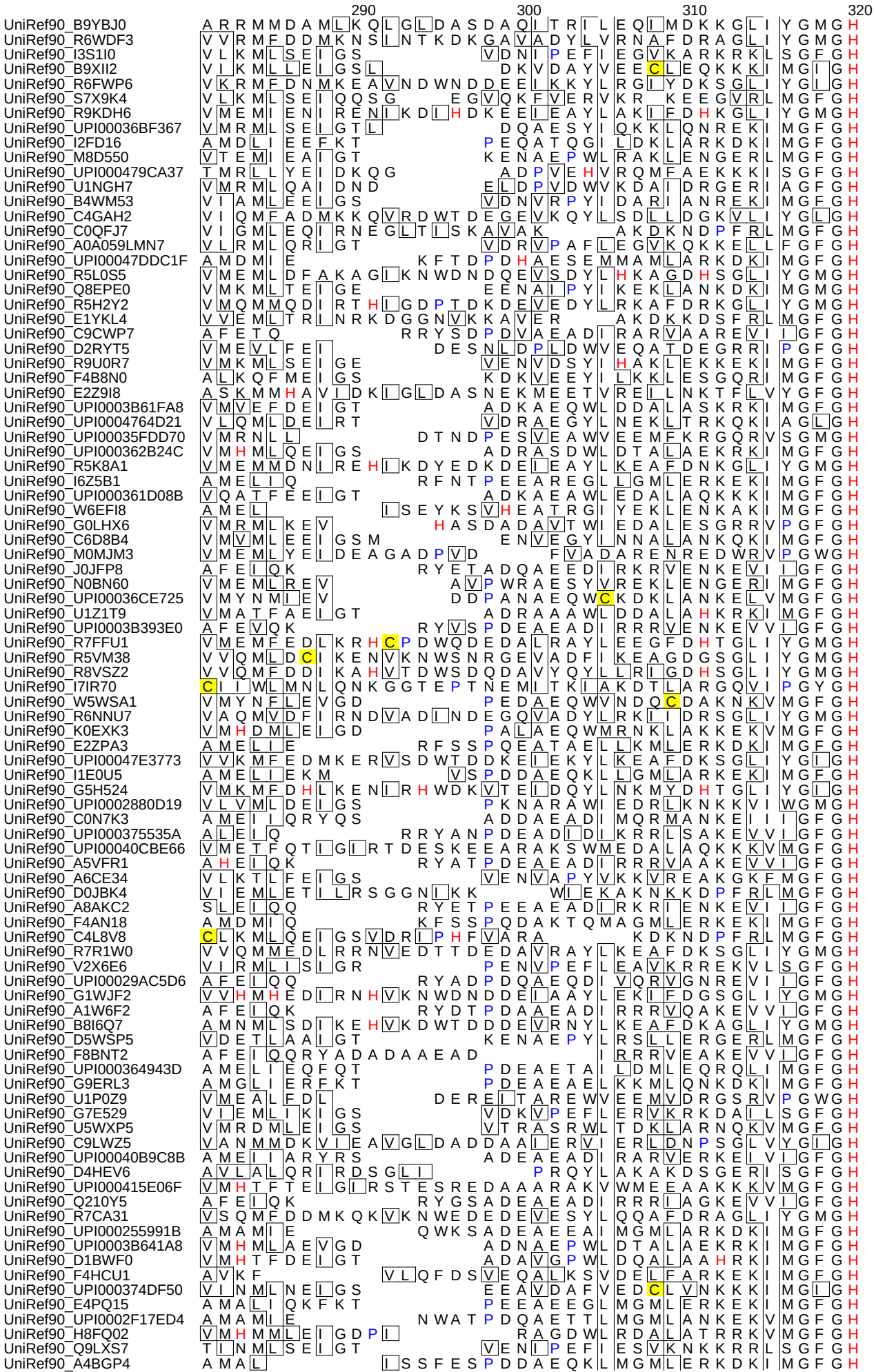

90
100
110
120
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

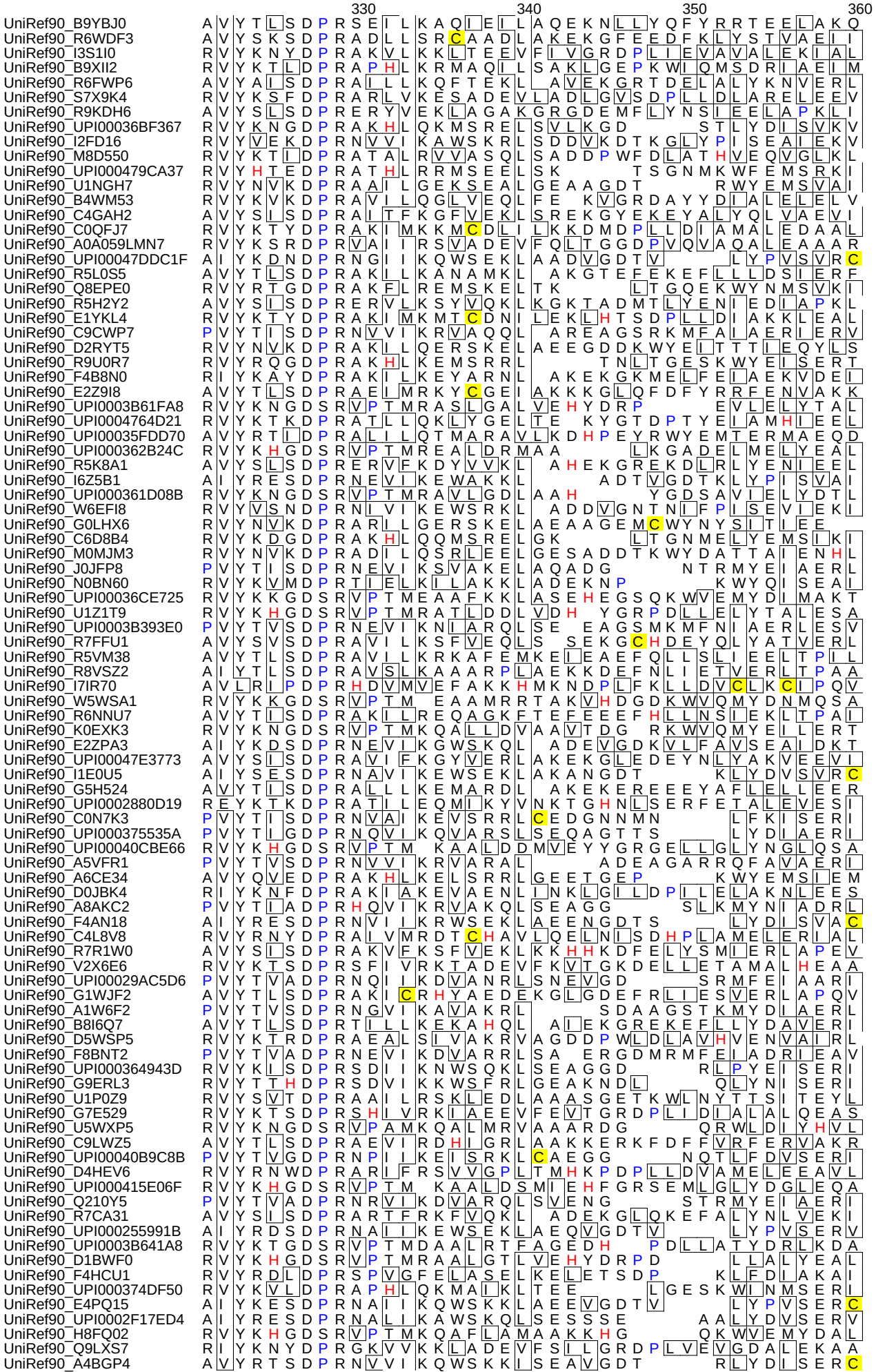

130
140
150
160
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

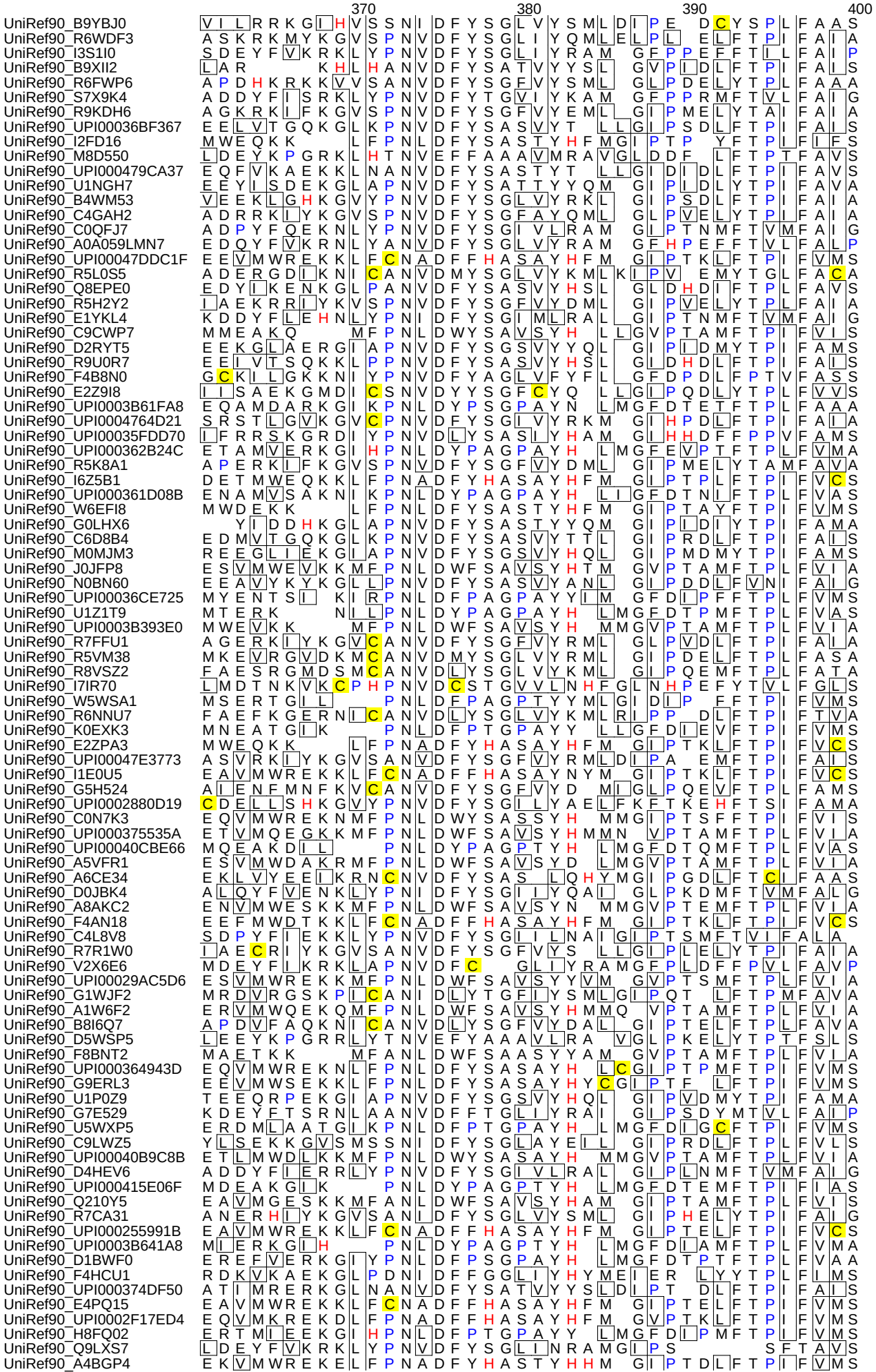

170
180
190
200
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

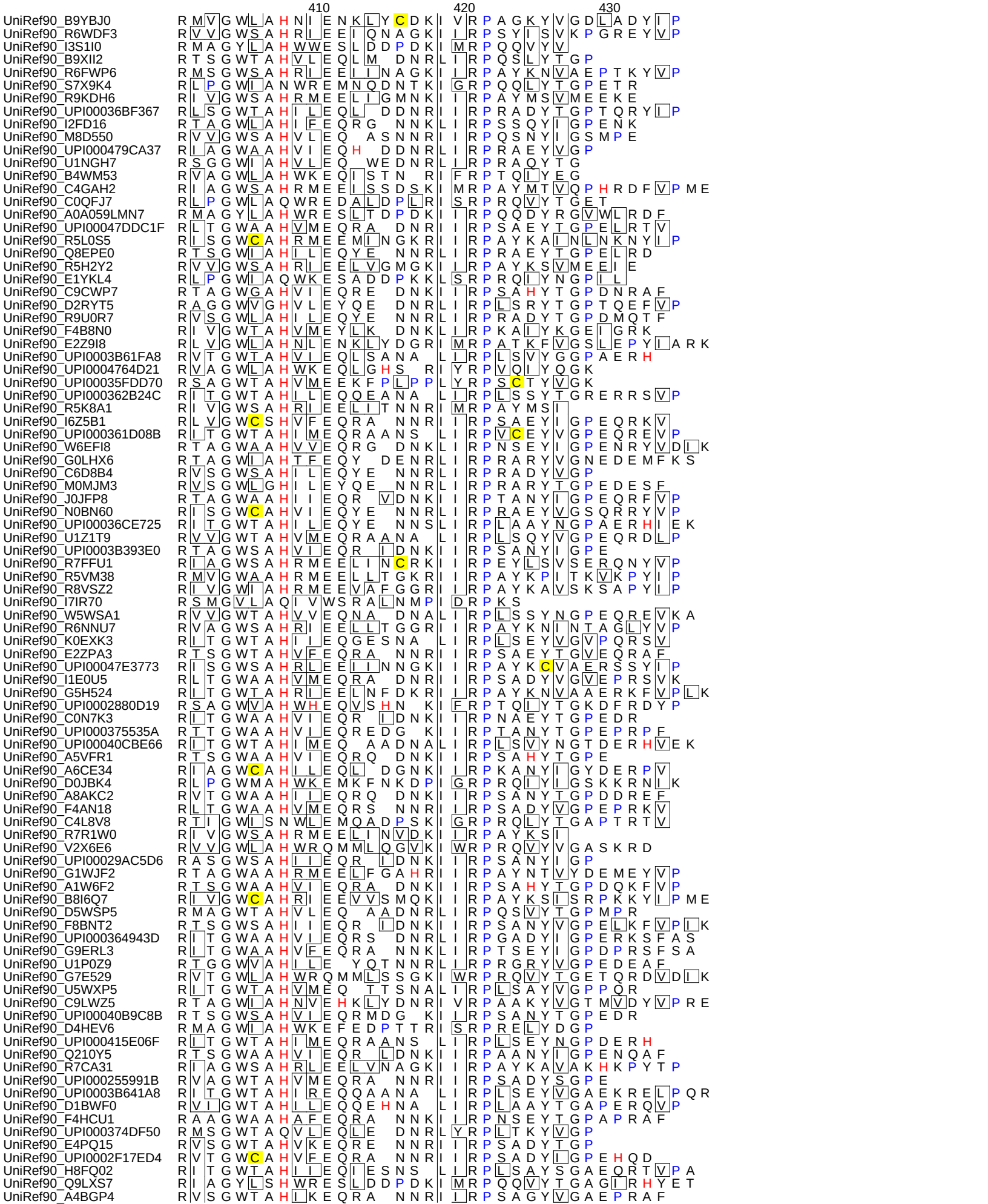

210
220
230
240
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

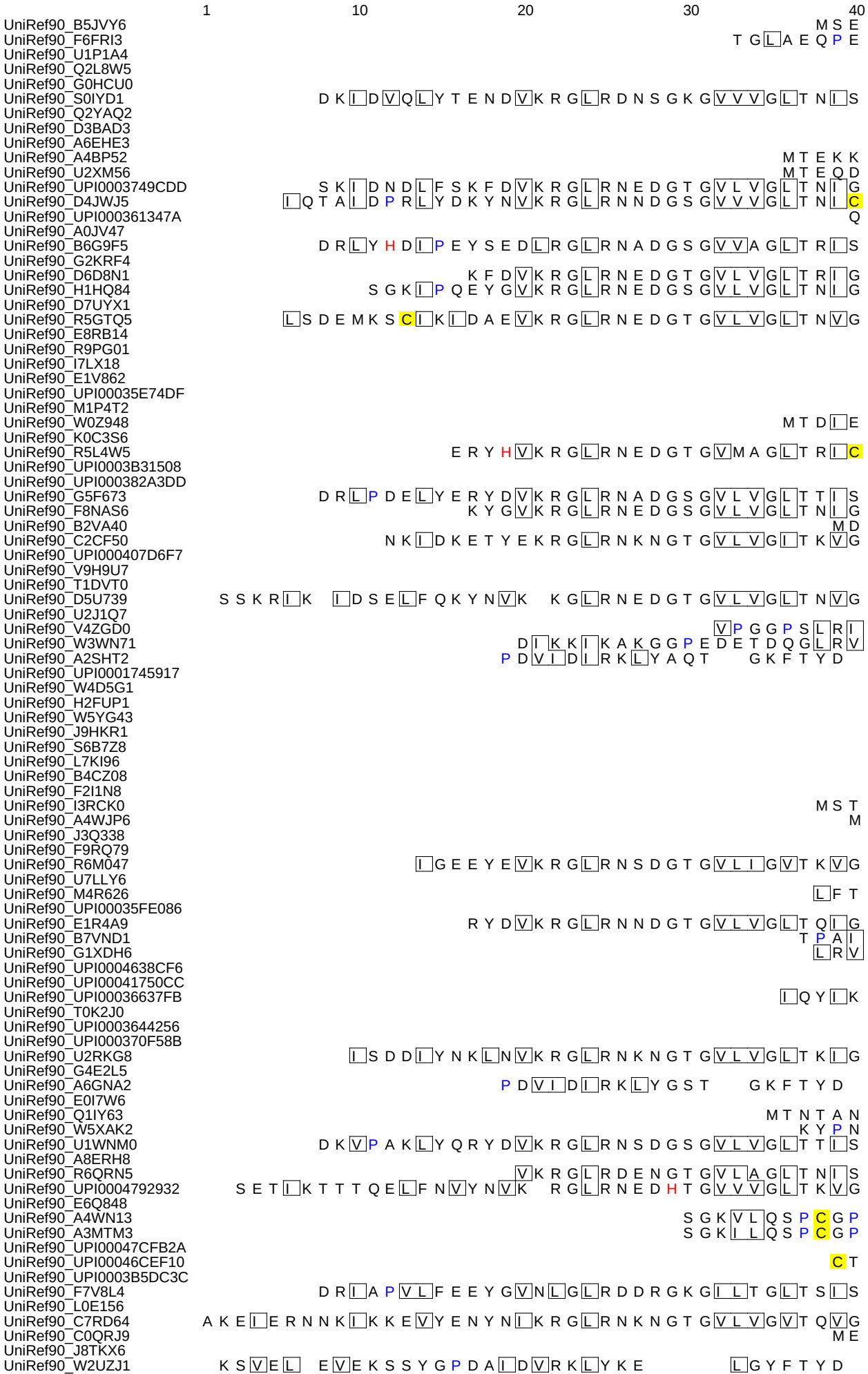

250
260
270
280
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

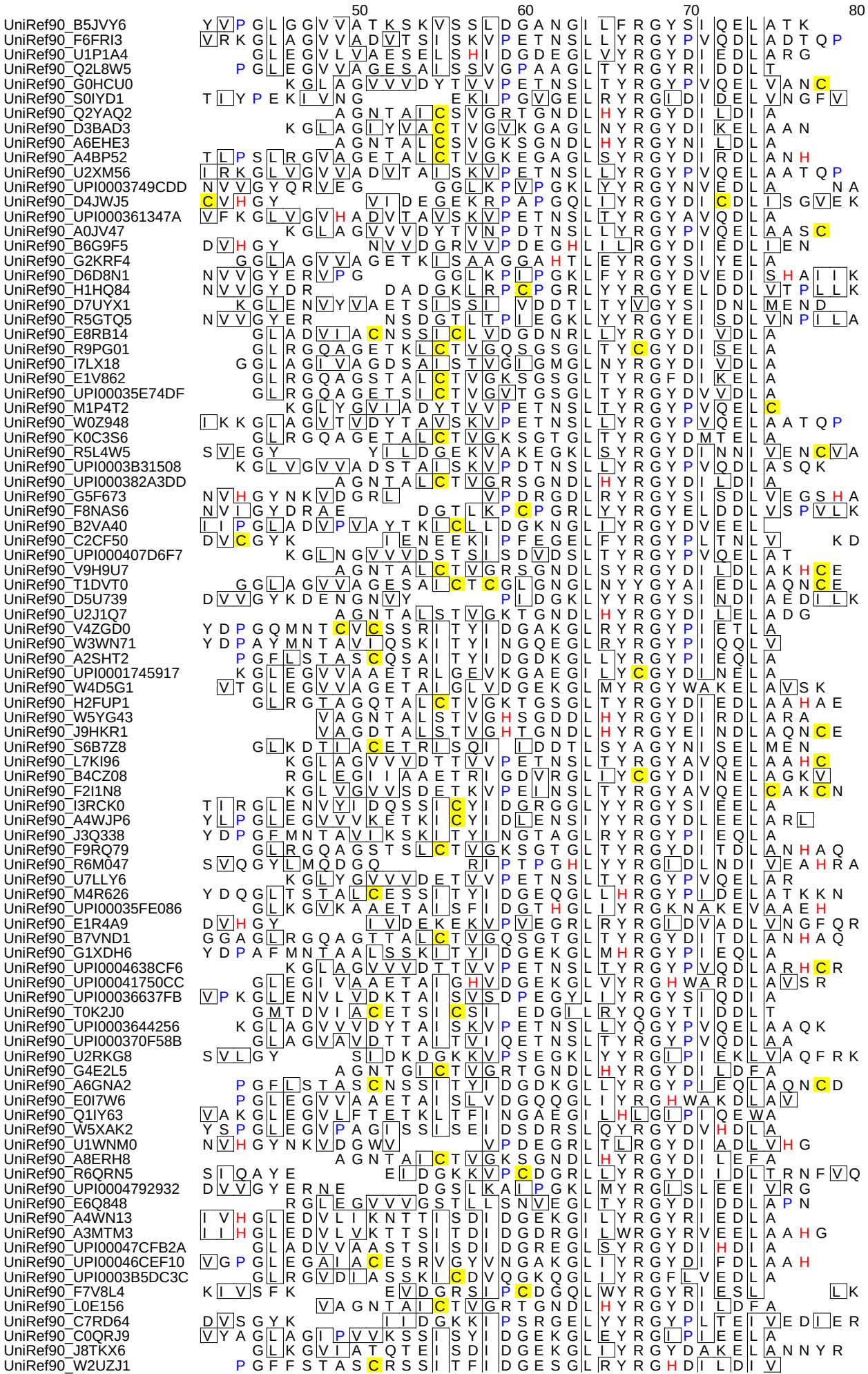

290
300
310
320
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

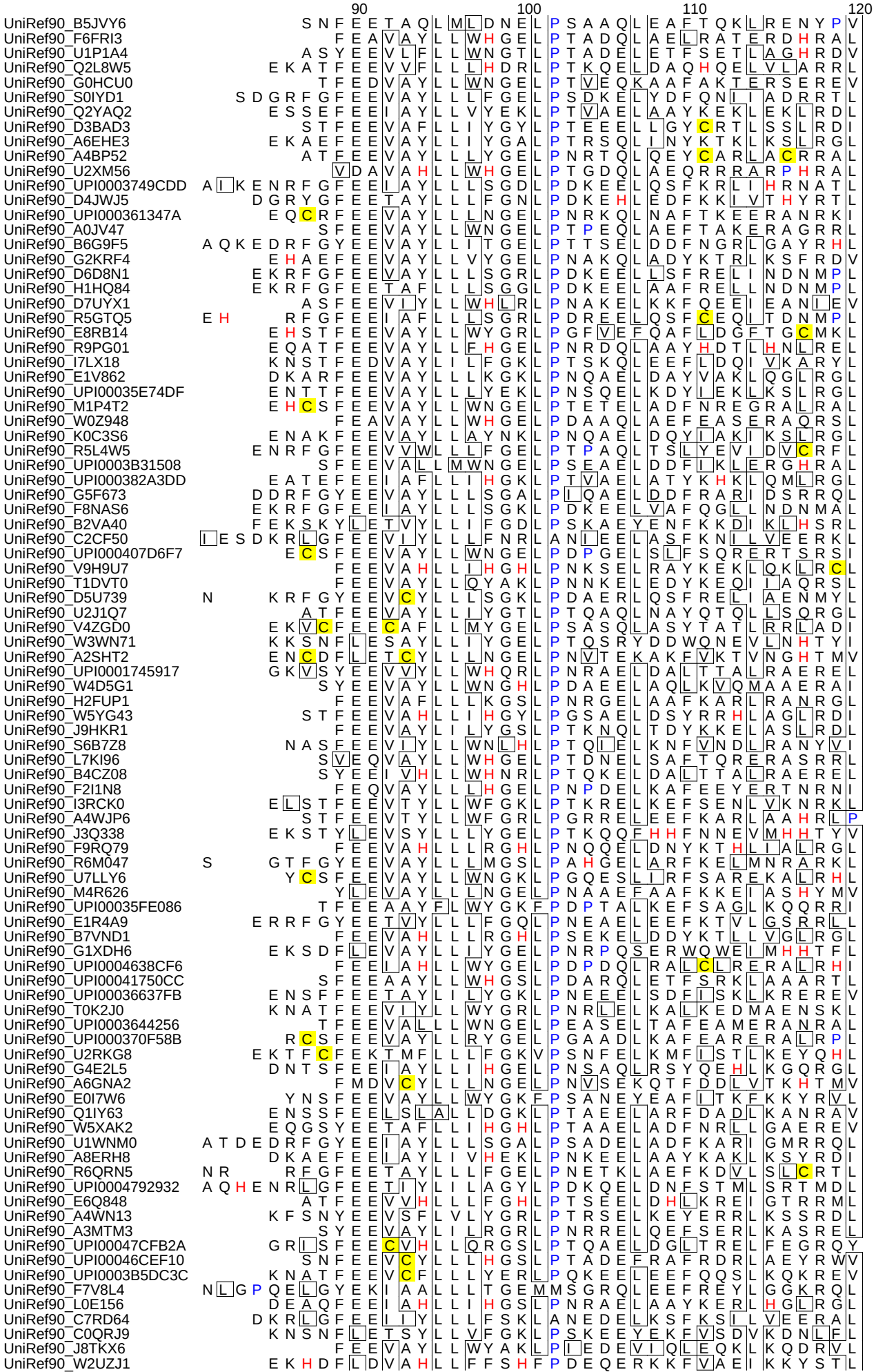

330
340
350
360
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

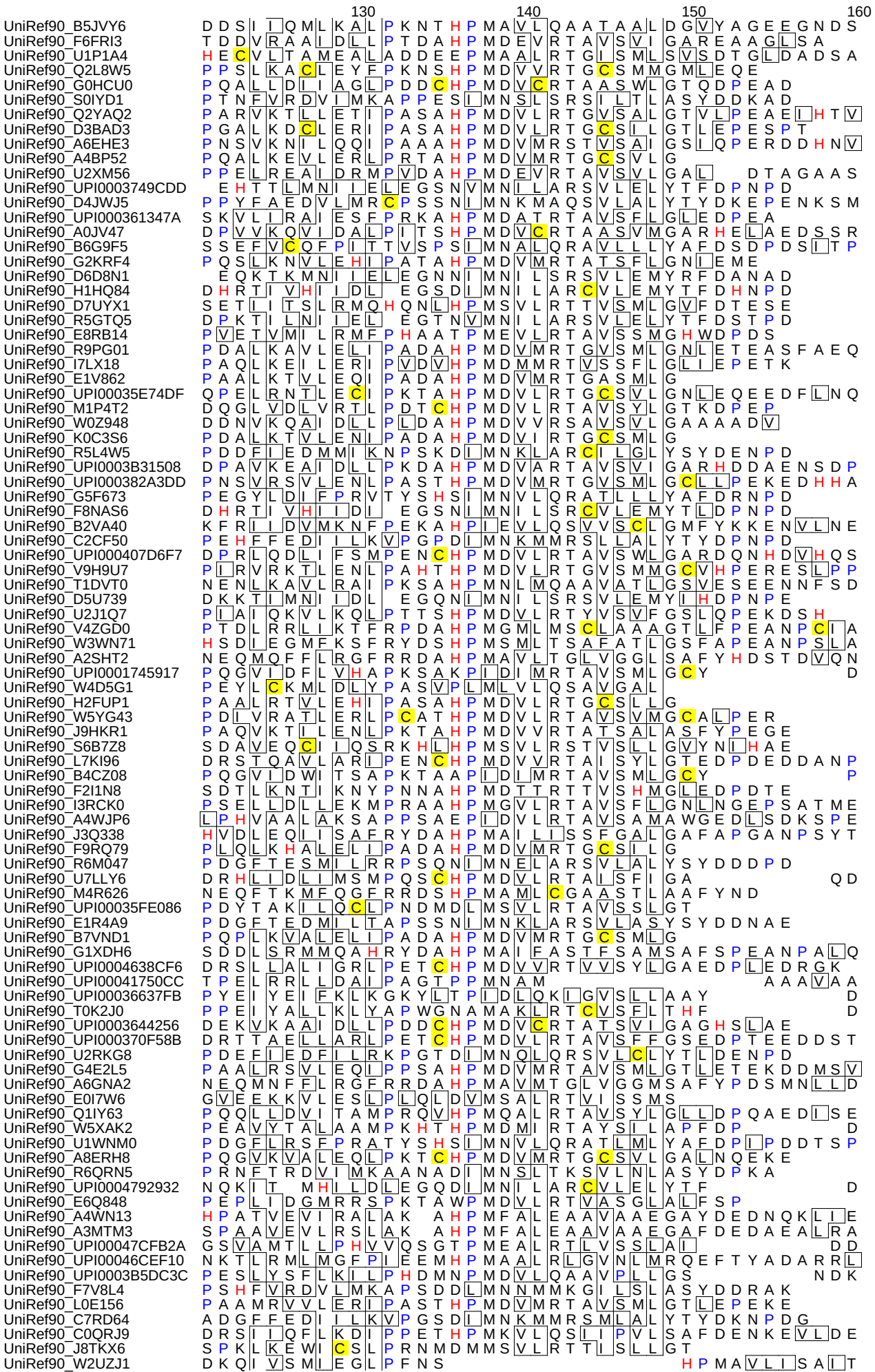

370
380
390
400
UniRef90_B9YBJ0
UniRef90_R6WDF3
UniRef90_I3S1I0
UniRef90_B9XII2
UniRef90_R6FWP6
UniRef90_S7X9K4
UniRef90_R9KDH6
UniRef90_UPI00036BF367
UniRef90_I2FD16
UniRef90_M8D550
UniRef90_UPI000479CA37
UniRef90_U1NGH7
UniRef90_B4WM53
UniRef90_C4GAH2
UniRef90_C0QFJ7
UniRef90_A0A059LMN7
UniRef90_UPI00047DDC1F
UniRef90_R5L0S5
UniRef90_Q8EPE0
UniRef90_R5H2Y2
UniRef90_E1YKL4
UniRef90_C9CWP7
UniRef90_D2RYT5
UniRef90_R9U0R7
UniRef90_F4B8N0
UniRef90_E2Z9I8
UniRef90_UPI0003B61FA8
UniRef90_UPI0004764D21
UniRef90_UPI00035FDD70
UniRef90_UPI000362B24C
UniRef90_R5K8A1
UniRef90_I6Z5B1
UniRef90_UPI000361D08B
UniRef90_W6EFI8
UniRef90_G0LHX6
UniRef90_C6D8B4
UniRef90_M0MJM3
UniRef90_J0JFP8
UniRef90_N0BN60
UniRef90_UPI00036CE725
UniRef90_U1Z1T9
UniRef90_UPI0003B393E0
UniRef90_R7FFU1
UniRef90_R5VM38
UniRef90_R8VSZ2
UniRef90_I7IR70
UniRef90_W5WSA1
UniRef90_R6NNU7
UniRef90_K0EXK3
UniRef90_E2ZPA3
UniRef90_UPI00047E3773
UniRef90_I1E0U5
UniRef90_G5H524
UniRef90_UPI0002880D19
UniRef90_C0N7K3
UniRef90_UPI000375535A
UniRef90_UPI00040CBE66
UniRef90_A5VFR1
UniRef90_A6CE34
UniRef90_D0JBK4
UniRef90_A8AKC2
UniRef90_F4AN18
UniRef90_C4L8V8
UniRef90_R7R1W0
UniRef90_V2X6E6
UniRef90_UPI00029AC5D6
UniRef90_G1WJF2
UniRef90_A1W6F2
UniRef90_B8I6Q7
UniRef90_D5WSP5
UniRef90_F8BNT2
UniRef90_UPI000364943D
UniRef90_G9ERL3
UniRef90_U1P0Z9
UniRef90_G7E529
UniRef90_U5WXP5
UniRef90_C9LWZ5
UniRef90_UPI00040B9C8B
UniRef90_D4HEV6
UniRef90_UPI000415E06F
UniRef90_Q210Y5
UniRef90_R7CA31
UniRef90_UPI000255991B
UniRef90_UPI0003B641A8
UniRef90_D1BWF0
UniRef90_F4HCU1
UniRef90_UPI000374DF50
UniRef90_E4PQ15
UniRef90_UPI0002F17ED4
UniRef90_H8FQ02
UniRef90_Q9LXS7
UniRef90_A4BGP4

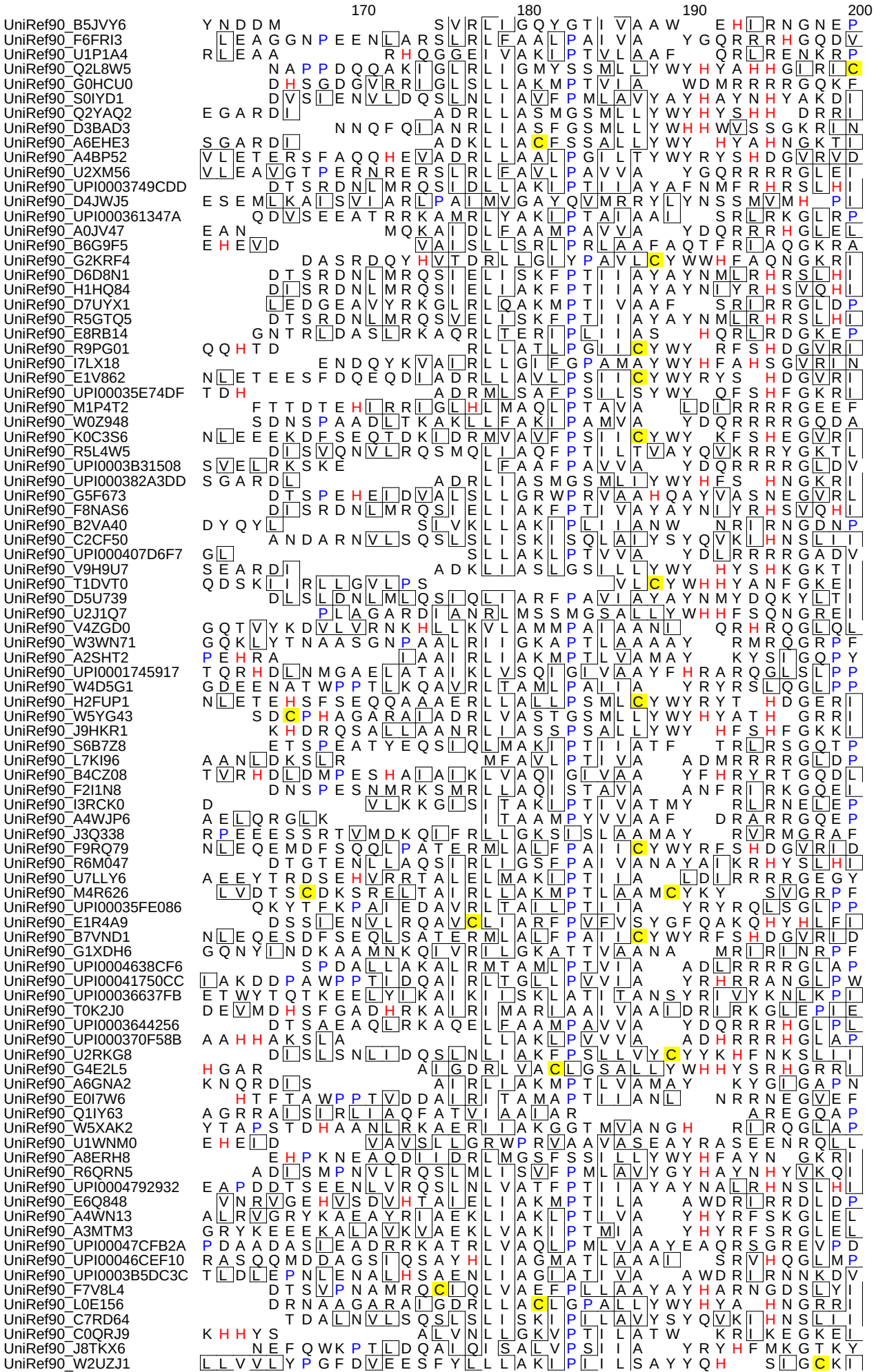

410
420
430
UniRef90_B9YBJ0 R M V G W L A H N I E N K L Y C D K I V R P A G K Y V G D L A D Y I P
UniRef90_R6WDF3 R V V G W S A H R I E E I Q N A G K I I R P S Y I S V K P G R E Y V P
UniRef90_I3S1I0 R M A G Y L A H W W E S L D D P D K I M R P Q Q V Y V
UniRef90_B9XII2 R T S G W T A H V L E Q L M D N R L I R P Q S L Y T G P
UniRef90_R6FWP6 R M S G W S A H R I E E I I N A G K I I R P A Y K N V A E P T K Y V P
UniRef90_S7X9K4 R L P G W I A N W R E M N Q D N T K I G R P Q Q L Y T G P E T R
UniRef90_R9KDH6 R I V G W S A H R M E E L I G M N K I I R P A Y M S V M E E K E
UniRef90_UPI00036BF367 R L S G W T A H I L E Q L D D N R I I R P R A D Y T G P T Q R Y I P
UniRef90_I2FD16 R T A G W L A H I F E Q R G N N K L I R P S S Q Y I G P E N K
UniRef90_M8D550 R V V G W S A H V L E Q A S N N R I I R P Q S N Y I G S M P E
UniRef90_UPI000479CA37 R I A G W A A H V I E Q H D D N R L I R P R A E Y V G P
UniRef90_U1NGH7 R S G G W I A H V L E Q W E D N R L I R P R A Q Y T G
UniRef90_B4WM53 R V A G W L A H W K E Q I S T N R I F R P T Q I Y E G
UniRef90_C4GAH2 R I A G W S A H R M E E I S S D S K I M R P A Y M T V Q P H R D F V P M E
UniRef90_C0QFJ7 R L P G W L A Q W R E D A L D P L R I S R P R Q V Y T G E T
UniRef90_A0A059LMN7 R M A G Y L A H W R E S L T D P D K I I R P Q Q D Y R G V W L R D F
UniRef90_UPI00047DDC1F R L T G W A A H V M E Q R A D N R I I R P S A E Y T G P E L R T V
UniRef90_R5L0S5 R I S G W C A H R M E E M I N G K R I I R P A Y K A I N L N K N Y I P
UniRef90_Q8EPE0 R T S G W I A H I L E Q Y E N N R L I R P R A E Y T G P E L R D
UniRef90_R5H2Y2 R V V G W S A H R I E E L V G M G K I I R P A Y K S V M E E I E
UniRef90_E1YKL4 R L P G W I A Q W K E S A D D P K K L S R P R Q I Y N G P I L
UniRef90_C9CWP7 R T A G W G A H V I E Q R E D N K I I R P S A H Y T G P D N R A F
UniRef90_D2RYT5 R A G G W V G H V L E Y Q E D N R L I R P L S R Y T G P T Q E F V P
UniRef90_R9U0R7 R V S G W L A H I L E Q Y E N N R L I R P R A D Y T G P D M Q T F
UniRef90_F4B8N0 R I V G W T A H V M E Y L K D N K L I R P K A I Y K G E I G R K
UniRef90_E2Z9I8 R L V G W L A H N L E N K L Y D G R I M R P A T K F V G S L E P Y I A R K
UniRef90_UPI0003B61FA8 R V T G W T A H V I E Q L S A N A L I R P L S V Y G G P A E R H
UniRef90_UPI0004764D21 R V A G W L A H W K E Q L G H S R I Y R P V Q I Y Q G K
UniRef90_UPI00035FDD70 R S A G W T A H V M E E K F P L P P L Y R P S C T Y V G K
UniRef90_UPI000362B24C R I T G W T A H I L E Q Q E A N A L I R P L S S Y T G R E R R S V P
UniRef90_R5K8A1 R I V G W S A H R I E E L I T N N R I M R P A Y M S I
UniRef90_I6Z5B1 R L V G W C S H V F E Q R A N N R I I R P S A E Y I G P E Q R K V
UniRef90_UPI000361D08B R I T G W T A H I M E Q R A A N S L I R P V C E Y V G P E Q R E V P
UniRef90_W6EFI8 R T A G W A A H V V E Q R G D N K L I R P N S E Y I G P E N R Y V D I K
UniRef90_G0LHX6 R T A G W I A H T F E Q Y D E N R L I R P R A R Y V G N E D E M F K S
UniRef90_C6D8B4 R V S G W S A H I L E Q Y E N N R L I R P R A D Y V G P
UniRef90_M0MJM3 R V S G W L G H I L E Y Q E N N R L I R P R A R Y T G P E D E S F
UniRef90_J0JFP8 R T A G W A A H I I E Q R V D N K I I R P T A N Y I G P E Q R F V P
UniRef90_N0BN60 R I S G W C A H V I E Q Y E N N R L I R P R A E Y V G S Q R R Y V P
UniRef90_UPI00036CE725 R I T G W T A H I L E Q Y E N N S L I R P L A A Y N G P A E R H I E K
UniRef90_U1Z1T9 R V V G W T A H V M E Q R A A N A L I R P L S Q Y V G P E Q R D L P
UniRef90_UPI0003B393E0 R T A G W S A H V I E Q R I D N K I I R P S A N Y I G P E
UniRef90_R7FFU1 R I A G W S A H R M E E L I N C R K I I R P E Y L S V S E R Q N Y V P
UniRef90_R5VM38 R M V G W A A H R M E E L L T G K R I I R P A Y K P I T K V K P Y I P
UniRef90_R8VSZ2 R I V G W I A H R M E E V A F G G R I I R P A Y K A V S K S A P Y I P
UniRef90_I7IR70 R S M G V L A Q I V W S R A L N M P I D R P K S
UniRef90_W5WSA1 R V V G W T A H V V E Q N A D N A L I R P L S S Y N G P E Q R E V K A
UniRef90_R6NNU7 R V A G W S A H R I E E L L T G G R I I R P A Y K N I N T A G L Y V P
UniRef90_K0EXK3 R I T G W T A H I I E Q G E S N A L I R P L S E Y V G V P Q R S V
UniRef90_E2ZPA3 R T S G W T A H V F E Q R A N N R I I R P S A E Y T G V E Q R A F
UniRef90_UPI00047E3773 R I S G W S A H R L E E I I N N G K I I R P A Y K C V A E R S S Y I P
UniRef90_I1E0U5 R L T G W A A H V M E Q R A D N R I I R P S A D Y V G V E P R S V K
UniRef90_G5H524 R I T G W T A H R I E E L N F D K R I I R P A Y K N V A A E R K F V P L K
UniRef90_UPI0002880D19 R S A G W V A H W H E Q V S H N K I F R P T Q I Y T G K D F R D Y P
UniRef90_C0N7K3 R I T G W A A H V I E Q R I D N K I I R P N A E Y T G P E D R
UniRef90_UPI000375535A R T T G W A A H V I E Q R E D G K I I R P T A N Y T G P E P R P F
UniRef90_UPI00040CBE66 R I T G W T A H I M E Q A A D N A L I R P L S V Y N G T D E R H V E K
UniRef90_A5VFR1 R T S G W A A H V I E Q R Q D N K I I R P S A H Y T G P E
UniRef90_A6CE34 R I A G W C A H I L E Q L D G N K I I R P K A N Y I G Y D E R P V
UniRef90_D0JBK4 R L P G W M A H W K E M K F N K D P I G R P R Q I Y I G S K K R N I K
UniRef90_A8AKC2 R V T G W A A H I I E Q R Q D N K I I R P S A N Y T G P D D R E F
UniRef90_F4AN18 R L T G W A A H V M E Q R S N N R I I R P S A D Y V G P E P R K V
UniRef90_C4L8V8 R T I G W I S N W L E M Q A D P S K I G R P R Q L Y T G A P T R T V
UniRef90_R7R1W0 R I V G W S A H R M E E L I N V D K I I R P A Y K S I
UniRef90_V2X6E6 R V V G W L A H W R Q M M L Q G V K I W R P R Q V Y V G A S K R D
UniRef90_UPI00029AC5D6 R A S G W S A H I I E Q R I D N K I I R P S A N Y I G P
UniRef90_G1WJF2 R T A G W A A H R M E E L F G A H R I I R P A Y N T V Y D E M E Y V P
UniRef90_A1W6F2 R T S G W A A H V I E Q R A D N K I I R P S A H Y T G P D Q K F V P
UniRef90_B8I6Q7 R I V G W C A H R I E E V V S M Q K I I R P A Y K S I S R P K K Y I P M E
UniRef90_D5WSP5 R M A G W T A H V L E Q A A D N R L I R P Q S V Y T G P M P R
UniRef90_F8BNT2 R T S G W S A H I I E Q R I D N K I I R P S A N Y V G P E L K F V P I K
UniRef90_UPI000364943D R I T G W A A H V I E Q R S D N R L I R P G A D Y I G P E R K S F A S
UniRef90_G9ERL3 R I T G W A A H V F E Q R A N N K L I R P T S E Y I G P D P R S F S A
UniRef90_U1P0Z9 R T G G W V A H I L E Y Q T N N R L I R P R G R Y V G P E D E A F
UniRef90_G7E529 R V T G W L A H W R Q M M L S S G K I W R P R Q V Y T G E T Q R D V D I K
UniRef90_U5WXP5 R I T G W T A H V M E Q T T S N A L I R P L S A Y V G P P Q R
UniRef90_C9LWZ5 R T A G W I A H N V E H K L Y D N R I V R P A A K Y V G T M V D Y V P R E
UniRef90_UPI00040B9C8B R T S G W S A H V I E Q R M D G K I I R P S A N Y T G P E D R
UniRef90_D4HEV6 R M A G W I A H W K E F E D P T T R I S R P R E L Y D G P
UniRef90_UPI000415E06F R I T G W T A H I M E Q R A A N S L I R P L S E Y N G P D E R H
UniRef90_Q210Y5 R T S G W A A H V I E Q R L D N K I I R P A A N Y I G P E N Q A F
UniRef90_R7CA31 R I A G W S A H R L E E L V N A G K I I R P A Y K A V A K H K P Y T P
UniRef90_UPI000255991B R V A G W T A H V M E Q R A N N R I I R P S A D Y S G P E
UniRef90_UPI0003B641A8 R I T G W T A H I R E Q Q A A N A L I R P L S E Y V G A E K R E L P Q R
UniRef90_D1BWF0 R V I G W T A H I L E Q Q E H N A L I R P L A A Y T G A P E R Q V P
UniRef90_F4HCU1 R A A G W A A H A F E Q R A N N K I I R P N S E Y T G P A P R A F
UniRef90_UPI000374DF50 R M S G W T A Q V L E Q L E D N R L Y R P L T K Y V G P
UniRef90_E4PQ15 R V S G W T A H V K E Q R E N N R I I R P S A D Y T G P
UniRef90_UPI0002F17ED4 R V T G W C A H V F E Q R A N N R I I R P S A D Y I G P E H Q D
UniRef90_H8FQ02 R I T G W T A H I I E Q I E S N S L I R P L S A Y S G A E Q R T V P A
UniRef90_Q9LXS7 R I A G Y L S H W R E S L D D P D K I M R P Q Q V Y T G A G I R H Y E T
UniRef90_A4BGP4 R V S G W T A H I K E Q R A N N R I I R P S A G Y V G A E P R A F

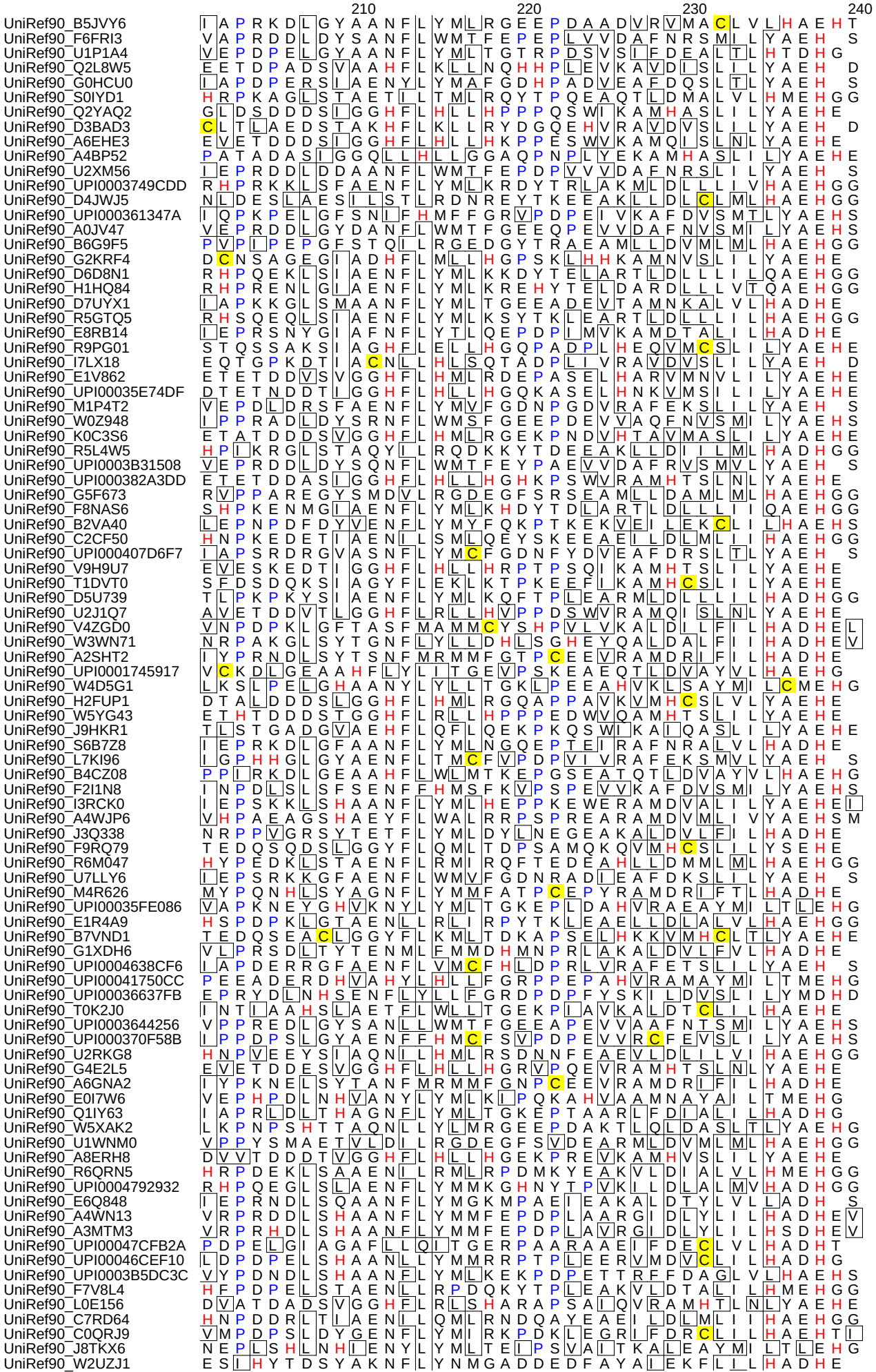

1
10
20
30
40
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

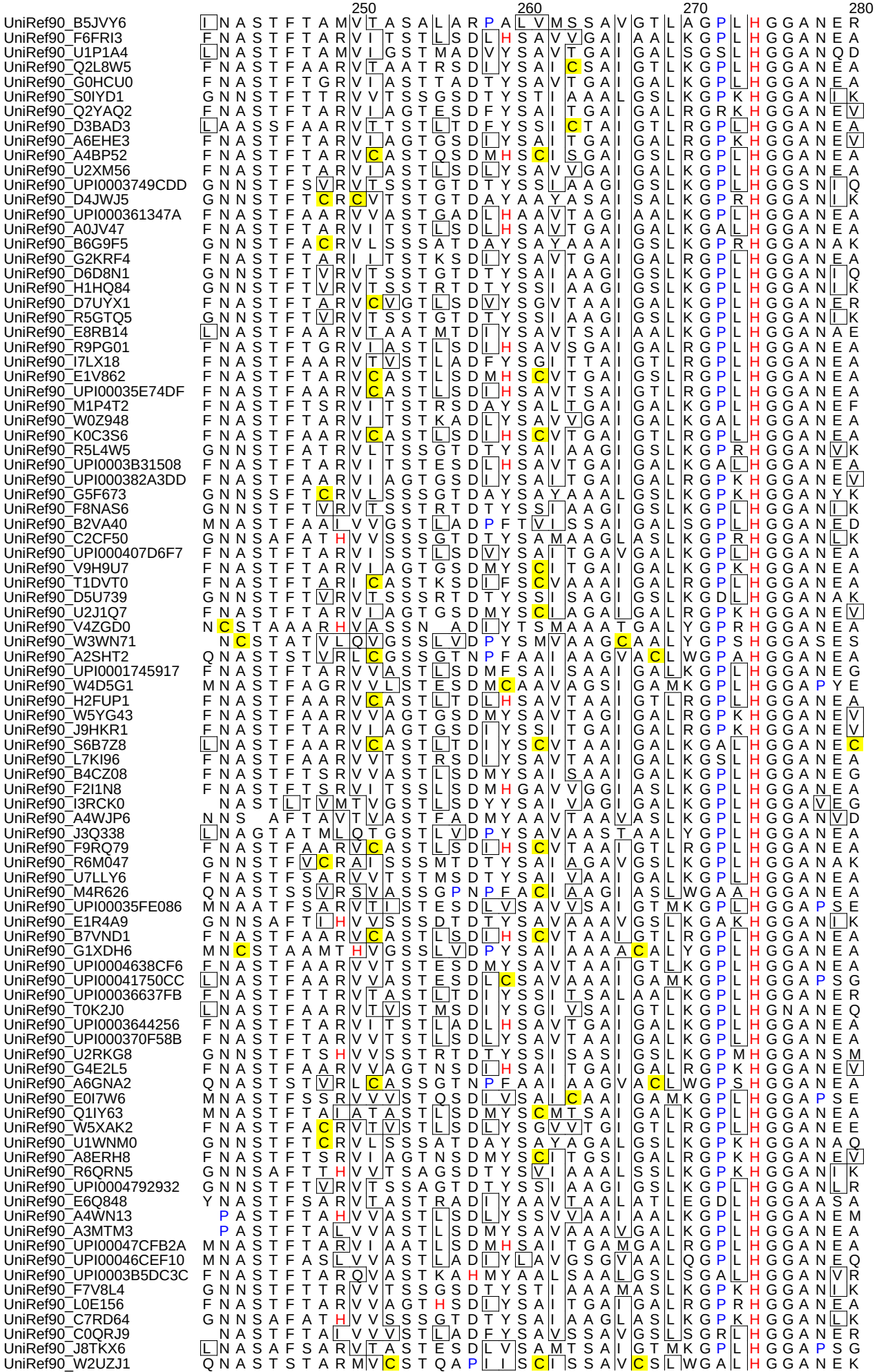

50
60
70
80
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

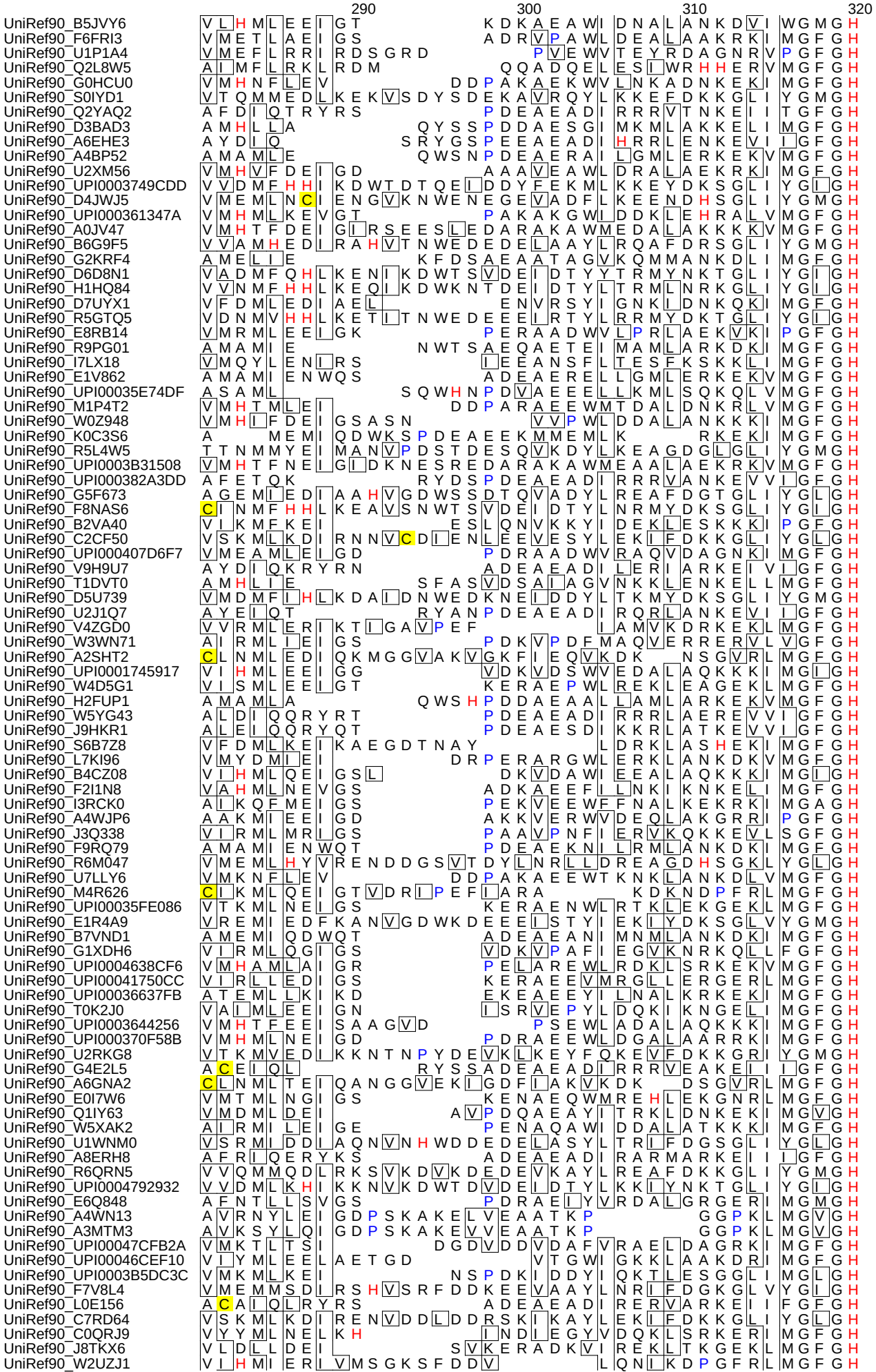

90
100
110
120
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

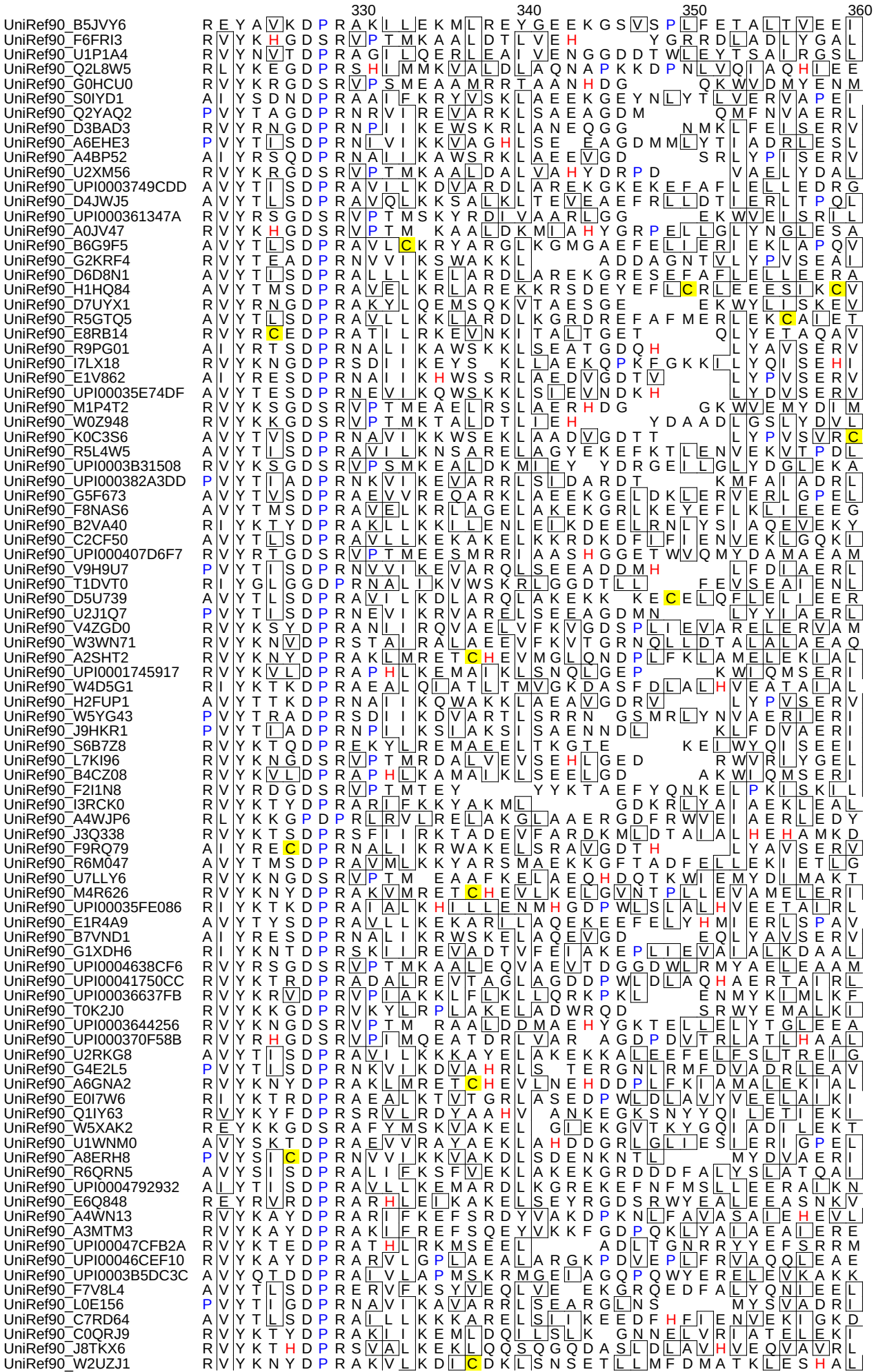

130
140
150
160
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

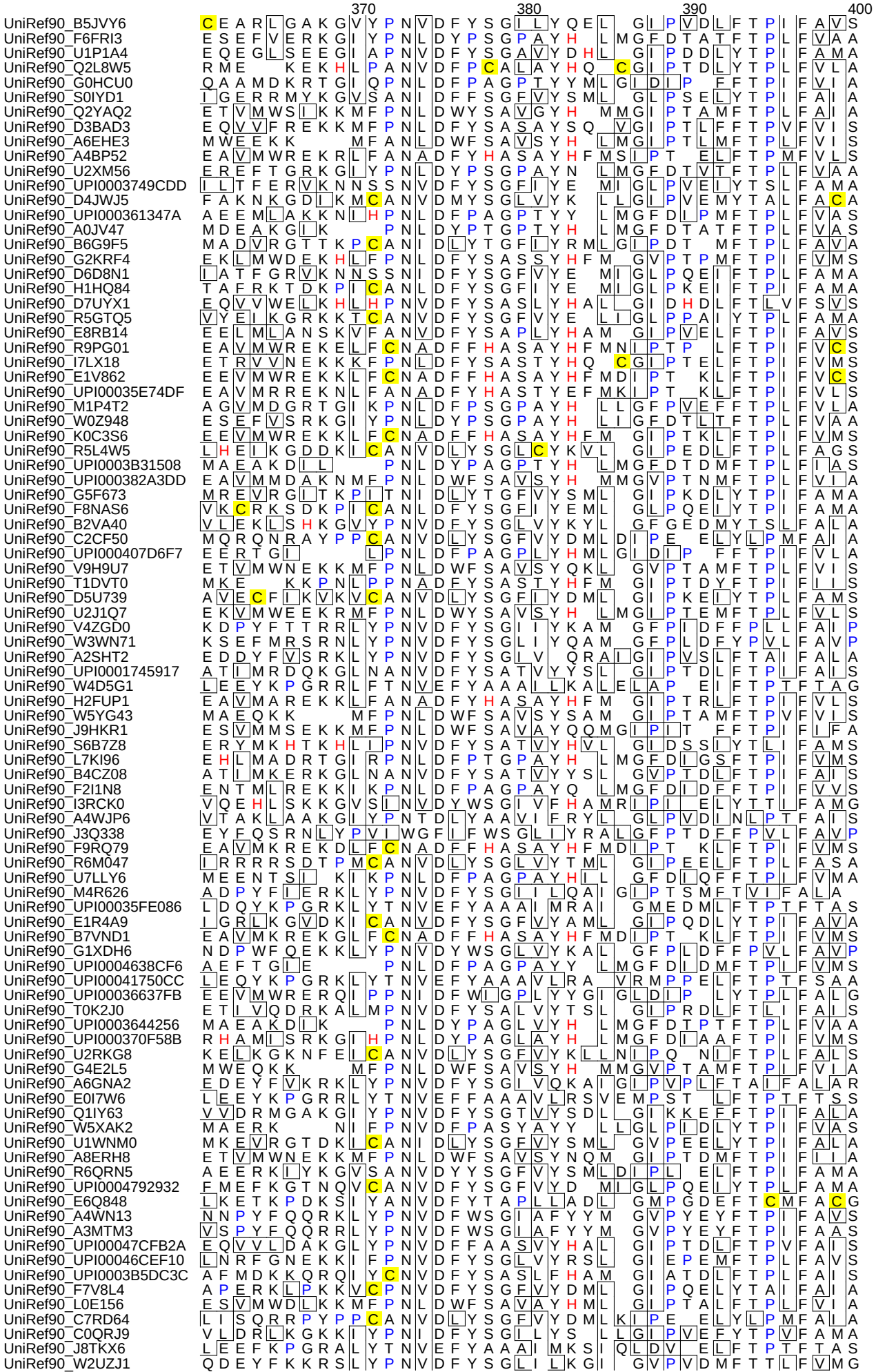

170
180
190
200
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

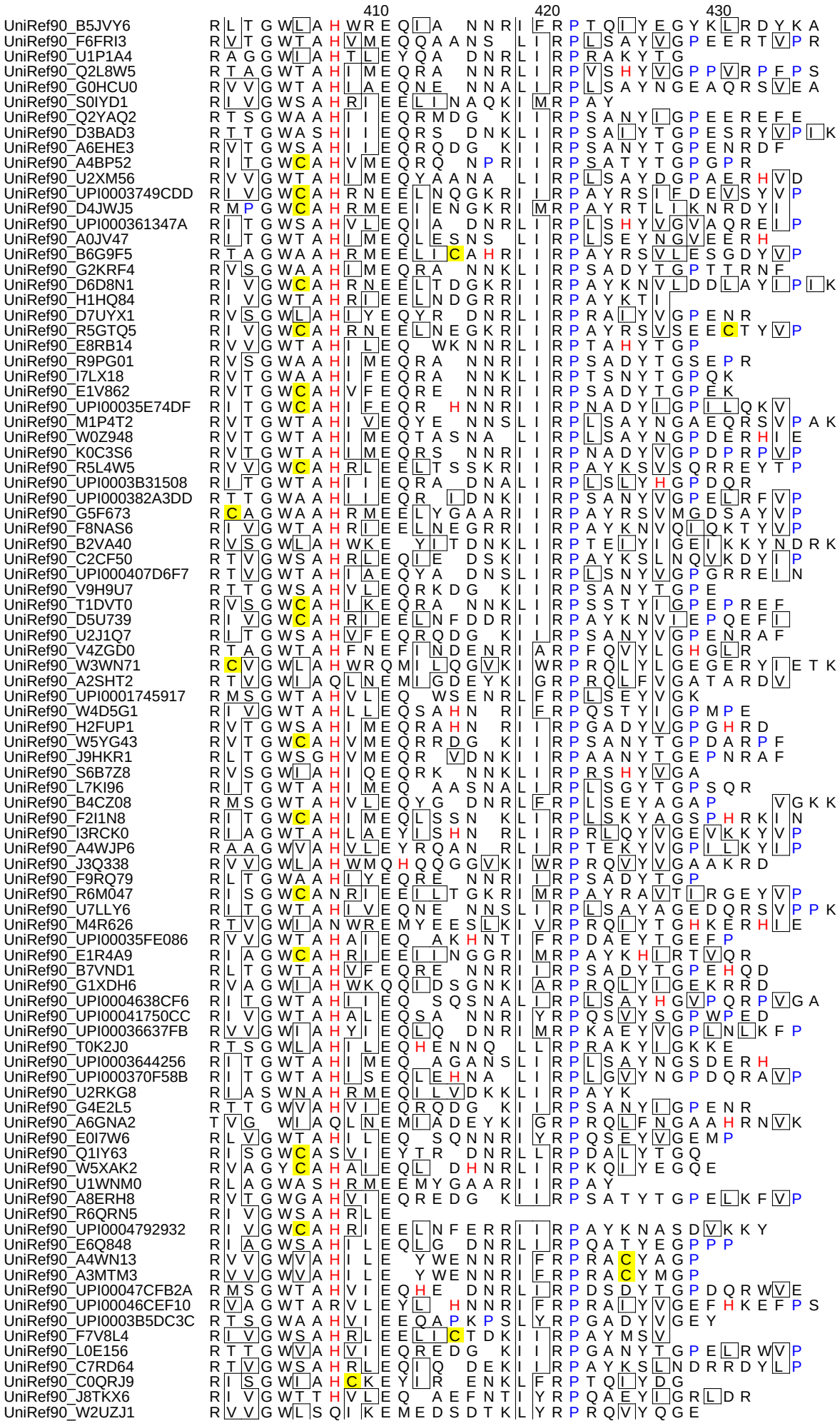

210
220
230
240
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

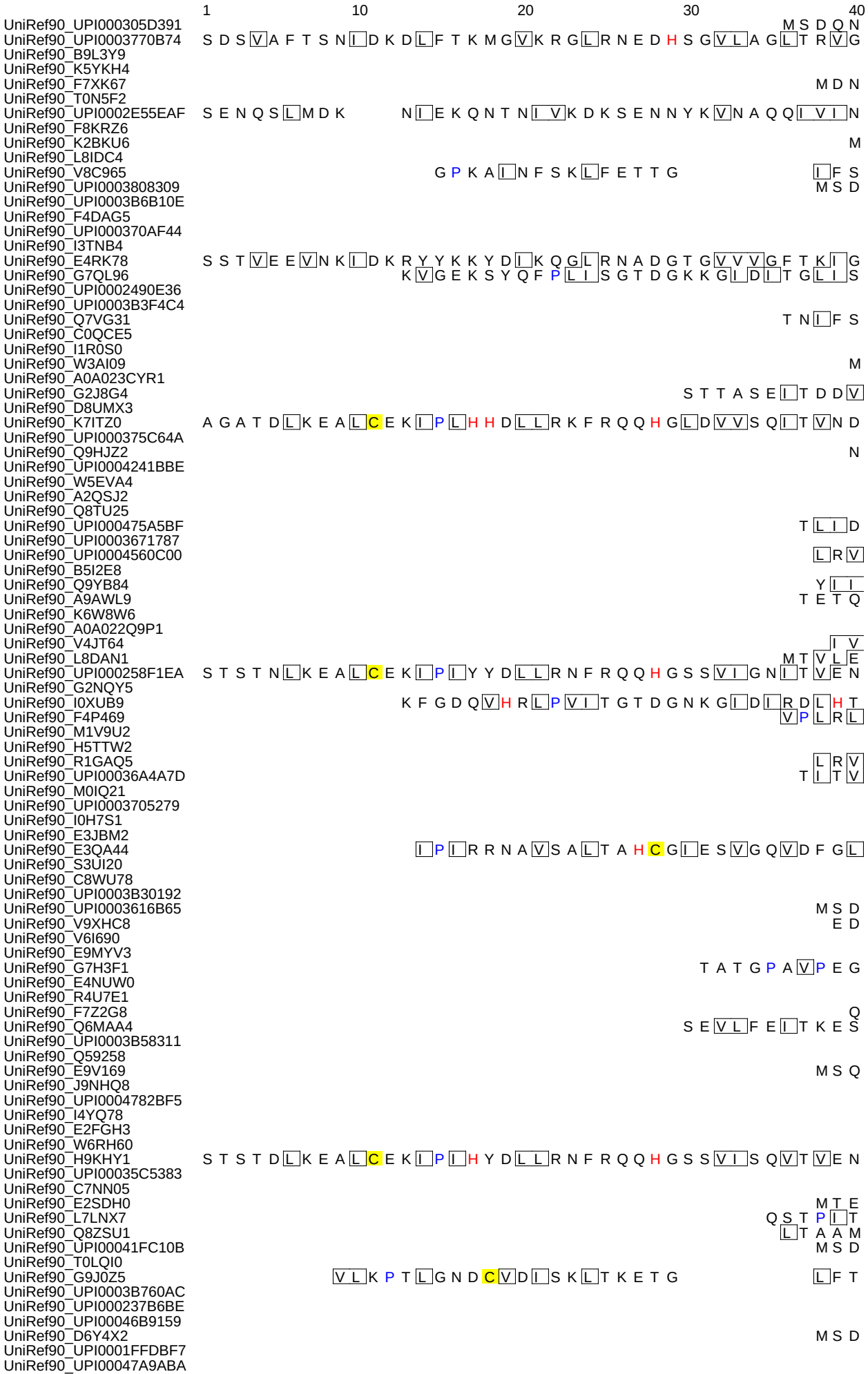

250
260
270
280
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

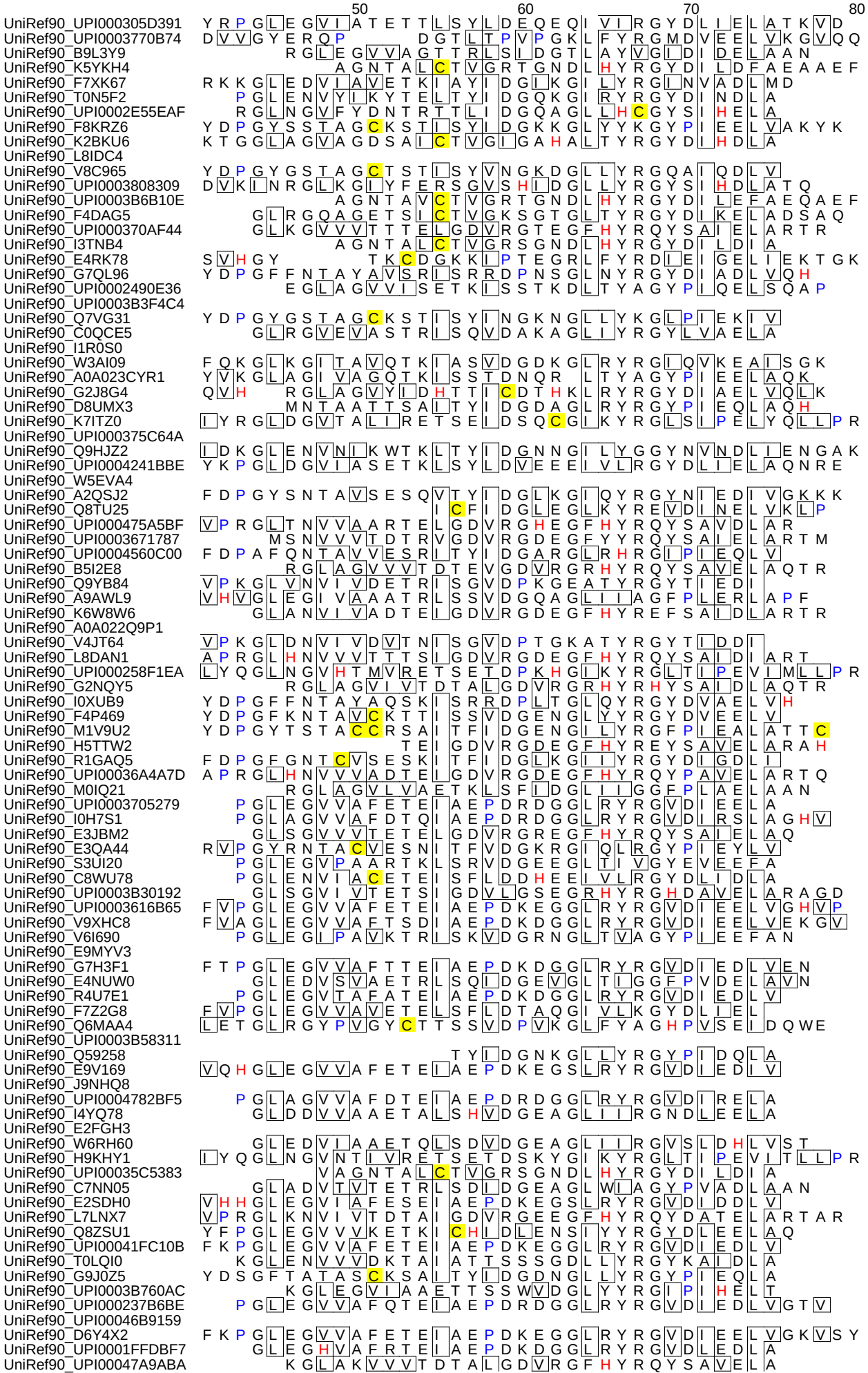

290
300
310
320
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

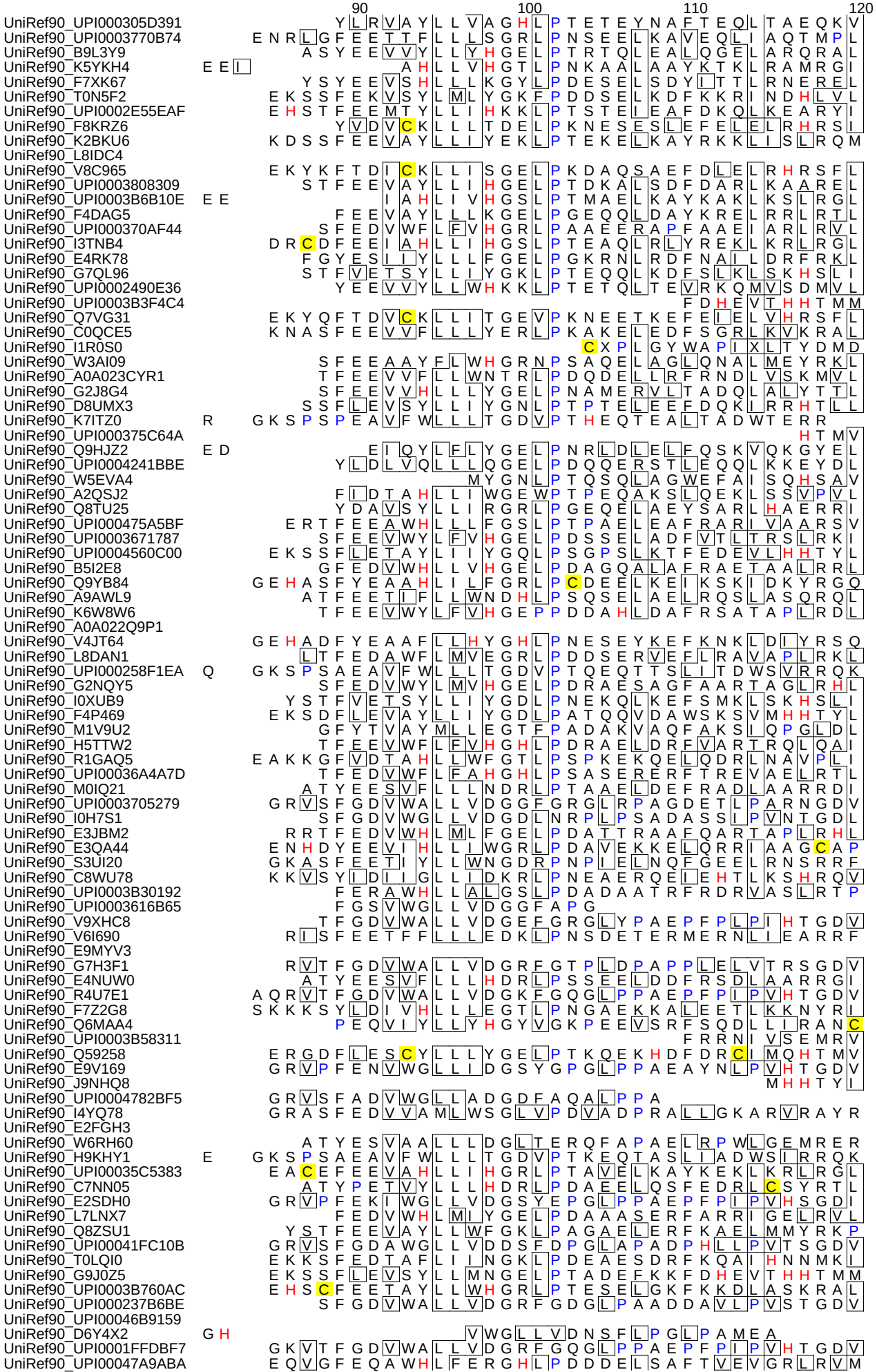

330
340
350
360
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

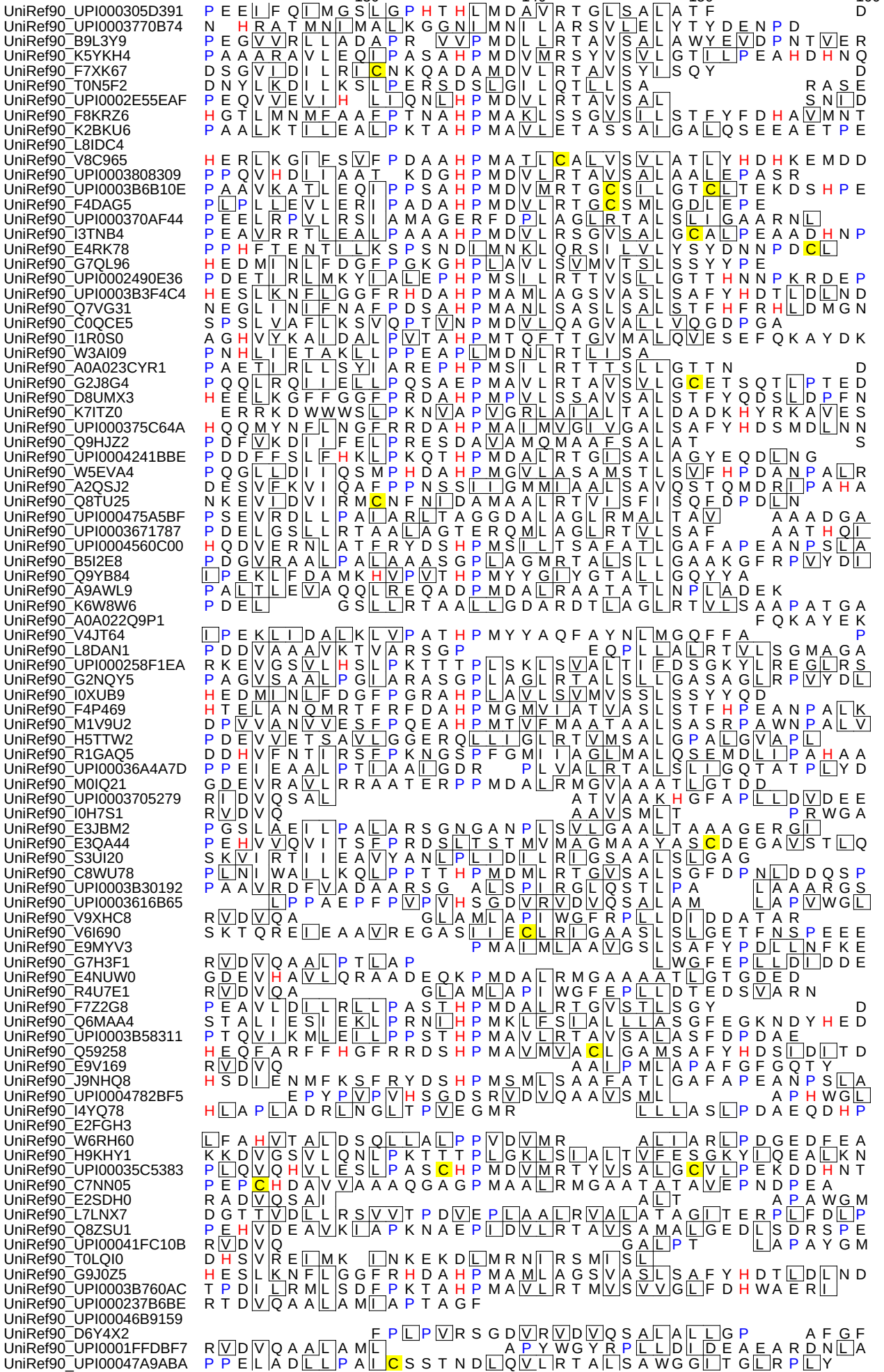

370
380
390
400
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

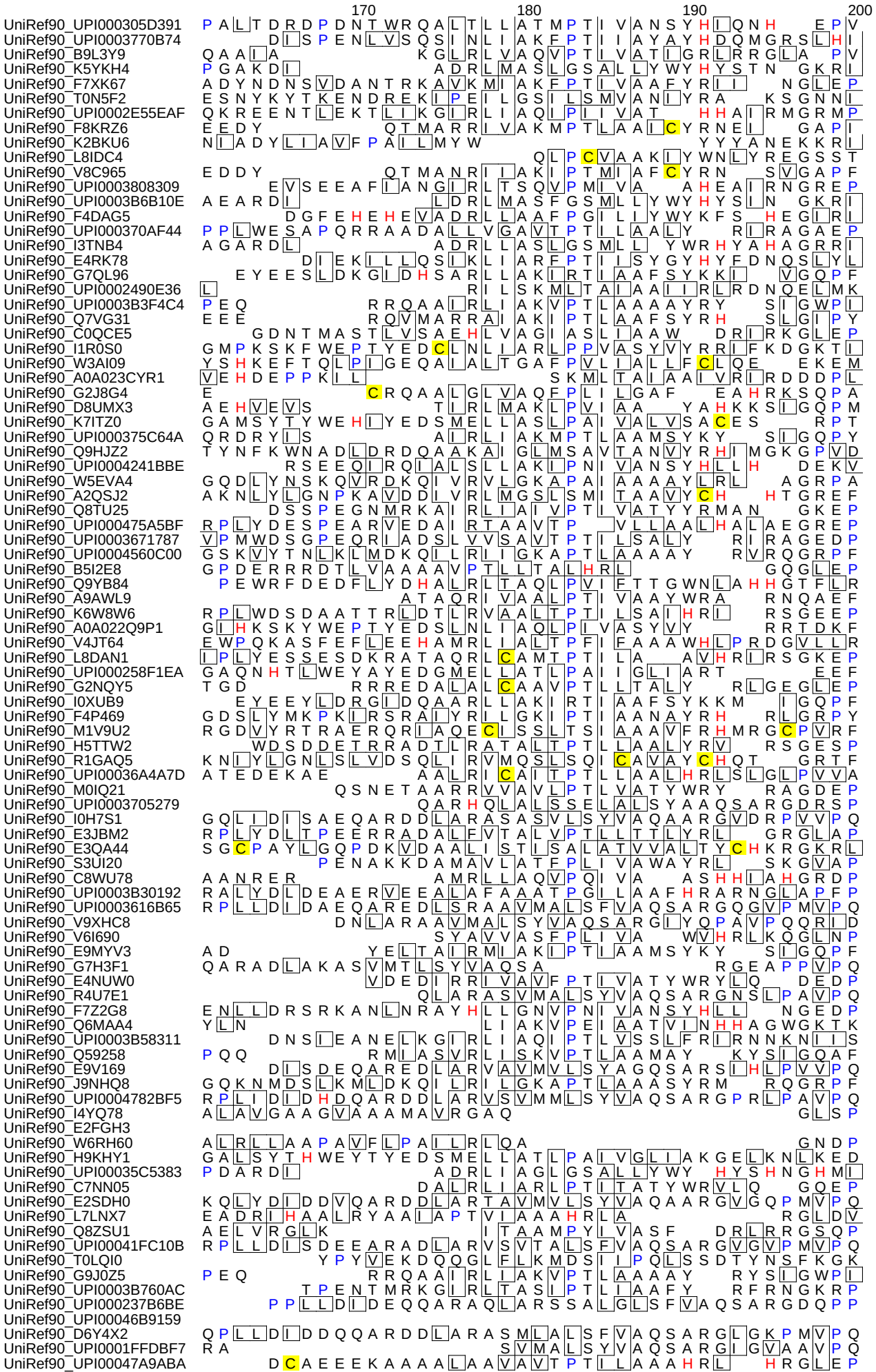

410
420
430
UniRef90_B5JVY6
UniRef90_F6FRI3
UniRef90_U1P1A4
UniRef90_Q2L8W5
UniRef90_G0HCU0
UniRef90_S0IYD1
UniRef90_Q2YAQ2
UniRef90_D3BAD3
UniRef90_A6EHE3
UniRef90_A4BP52
UniRef90_U2XM56
UniRef90_UPI0003749CDD
UniRef90_D4JWJ5
UniRef90_UPI000361347A
UniRef90_A0JV47
UniRef90_B6G9F5
UniRef90_G2KRF4
UniRef90_D6D8N1
UniRef90_H1HQ84
UniRef90_D7UYX1
UniRef90_R5GTQ5
UniRef90_E8RB14
UniRef90_R9PG01
UniRef90_I7LX18
UniRef90_E1V862
UniRef90_UPI00035E74DF
UniRef90_M1P4T2
UniRef90_W0Z948
UniRef90_K0C3S6
UniRef90_R5L4W5
UniRef90_UPI0003B31508
UniRef90_UPI000382A3DD
UniRef90_G5F673
UniRef90_F8NAS6
UniRef90_B2VA40
UniRef90_C2CF50
UniRef90_UPI000407D6F7
UniRef90_V9H9U7
UniRef90_T1DVT0
UniRef90_D5U739
UniRef90_U2J1Q7
UniRef90_V4ZGD0
UniRef90_W3WN71
UniRef90_A2SHT2
UniRef90_UPI0001745917
UniRef90_W4D5G1
UniRef90_H2FUP1
UniRef90_W5YG43
UniRef90_J9HKR1
UniRef90_S6B7Z8
UniRef90_L7KI96
UniRef90_B4CZ08
UniRef90_F2I1N8
UniRef90_I3RCK0
UniRef90_A4WJP6
UniRef90_J3Q338
UniRef90_F9RQ79
UniRef90_R6M047
UniRef90_U7LLY6
UniRef90_M4R626
UniRef90_UPI00035FE086
UniRef90_E1R4A9
UniRef90_B7VND1
UniRef90_G1XDH6
UniRef90_UPI0004638CF6
UniRef90_UPI00041750CC
UniRef90_UPI00036637FB
UniRef90_T0K2J0
UniRef90_UPI0003644256
UniRef90_UPI000370F58B
UniRef90_U2RKG8
UniRef90_G4E2L5
UniRef90_A6GNA2
UniRef90_E0I7W6
UniRef90_Q1IY63
UniRef90_W5XAK2
UniRef90_U1WNM0
UniRef90_A8ERH8
UniRef90_R6QRN5
UniRef90_UPI0004792932
UniRef90_E6Q848
UniRef90_A4WN13
UniRef90_A3MTM3
UniRef90_UPI00047CFB2A
UniRef90_UPI00046CEF10
UniRef90_UPI0003B5DC3C
UniRef90_F7V8L4
UniRef90_L0E156
UniRef90_C7RD64
UniRef90_C0QRJ9
UniRef90_J8TKX6
UniRef90_W2UZJ1

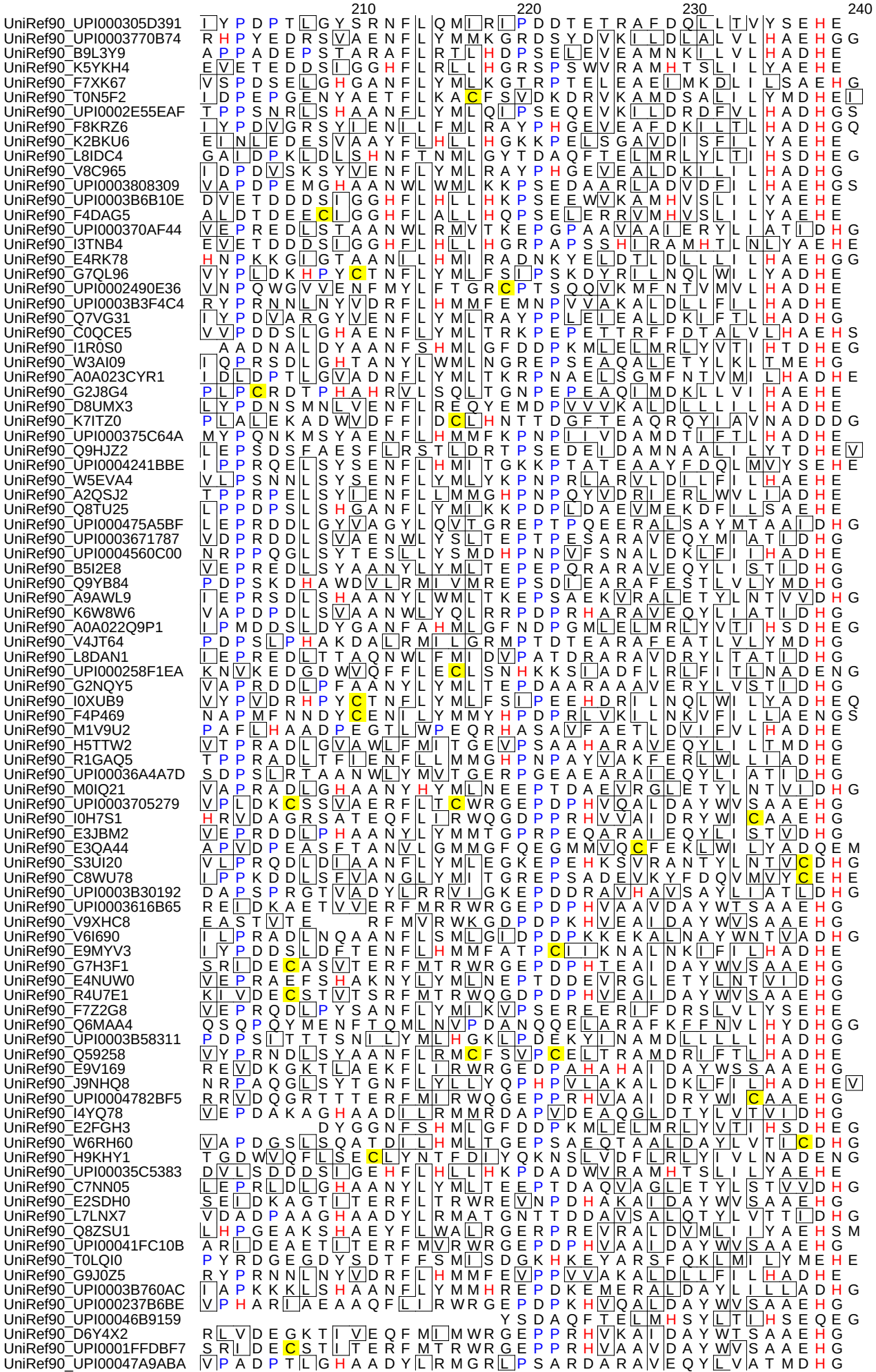

1
10
20
30
40
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

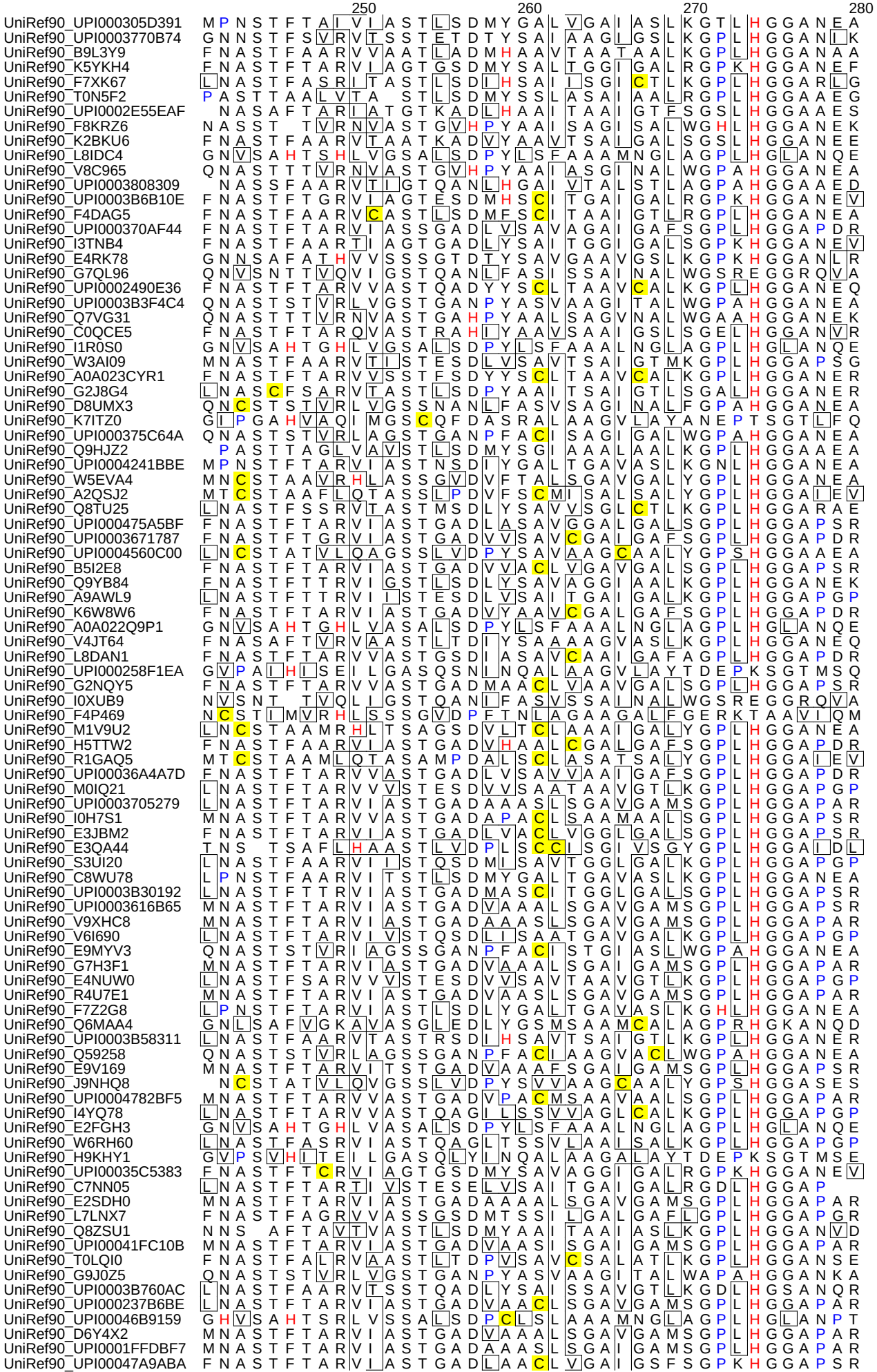

50
60
70
80
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

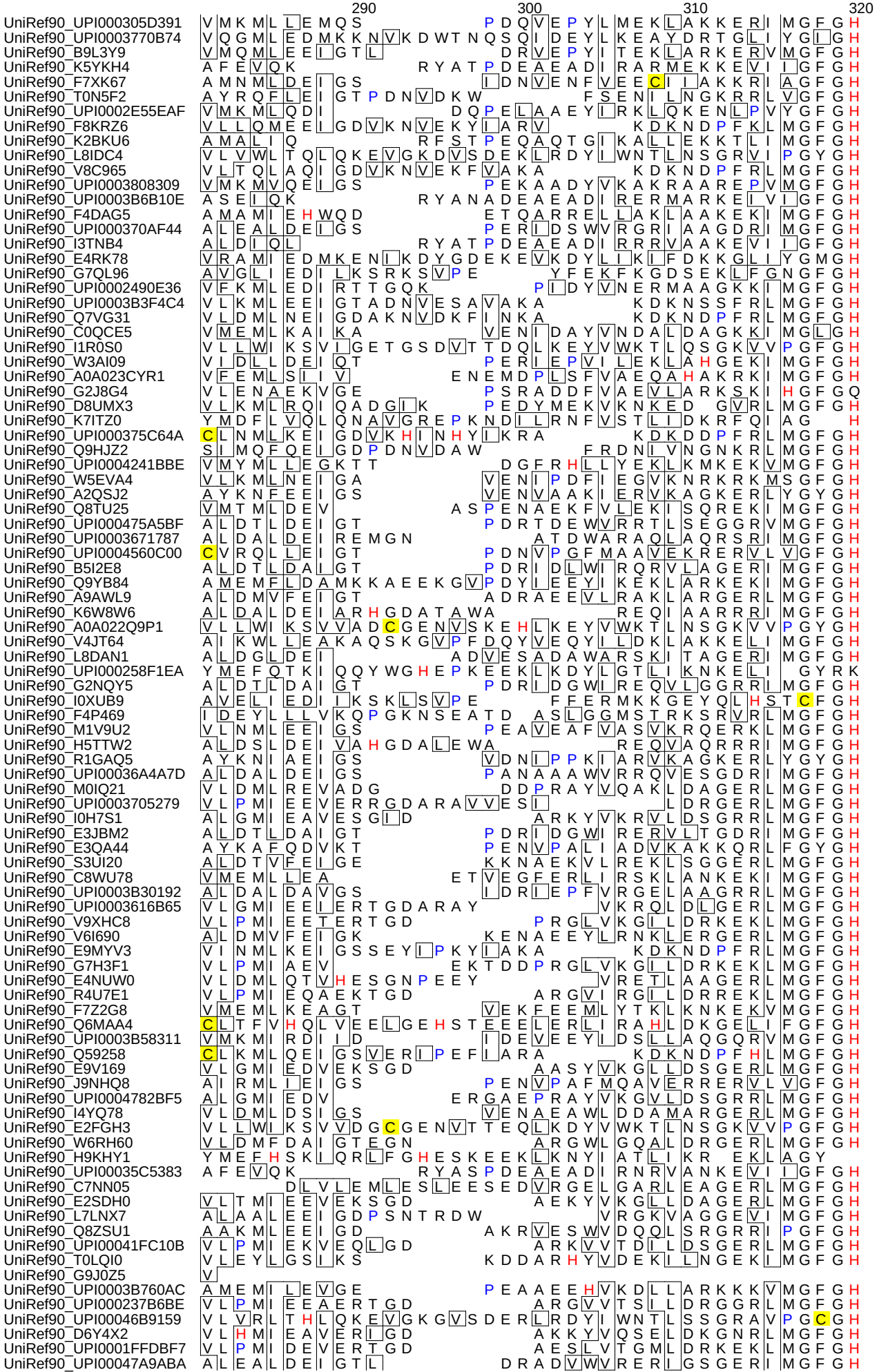

90
100
110
120
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

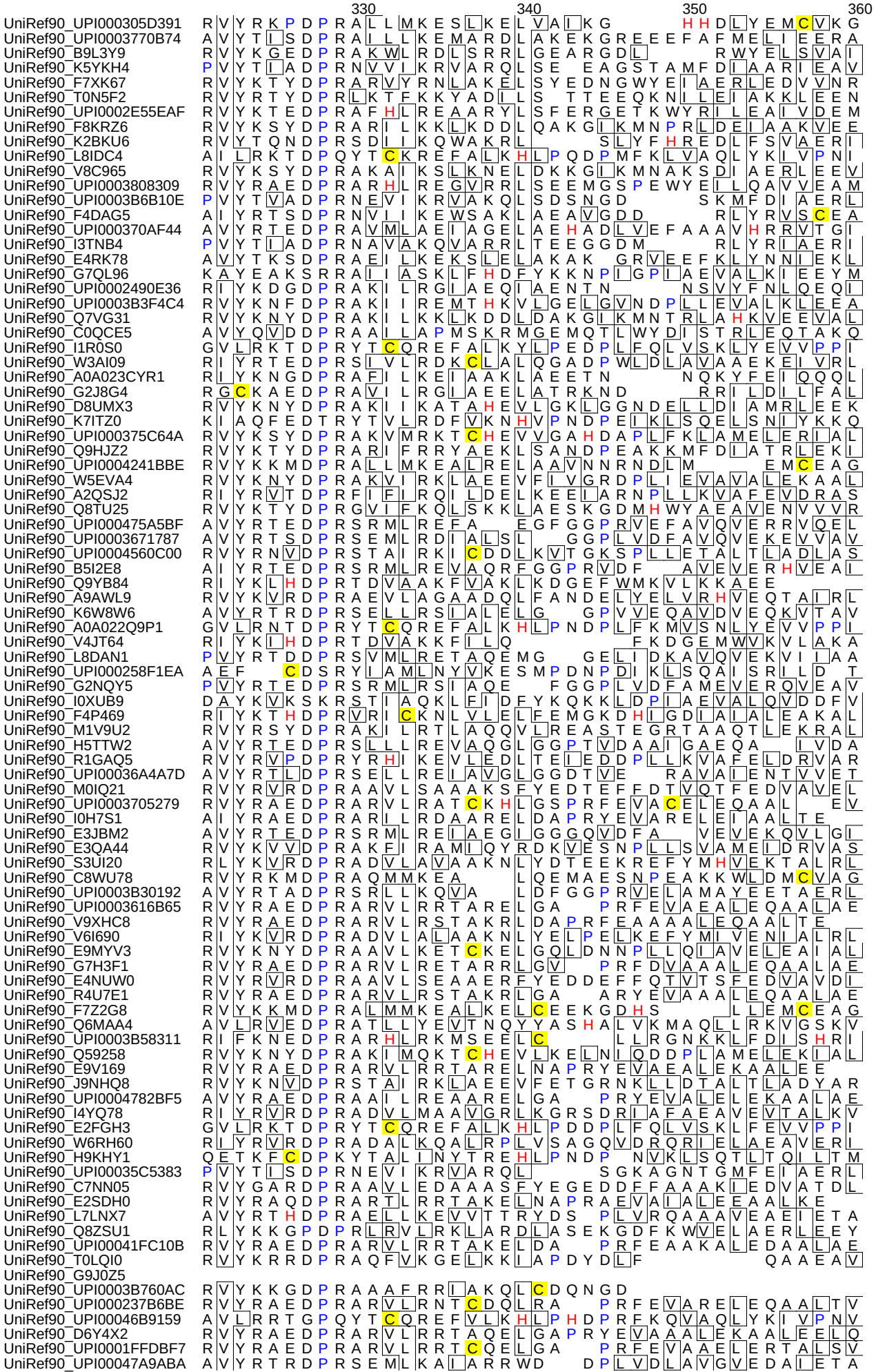

130
140
150
160
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

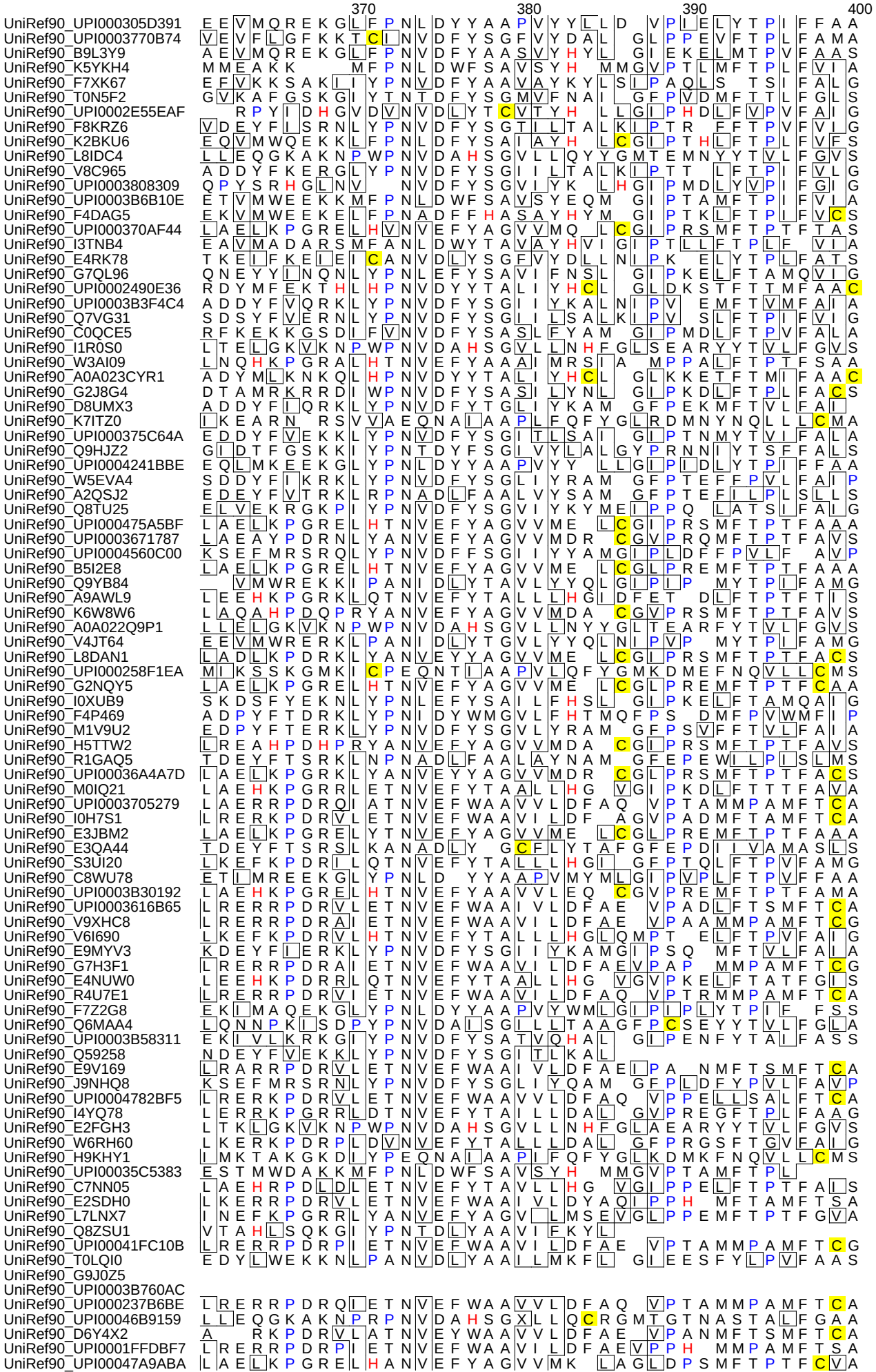

170
180
190
200
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI0000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

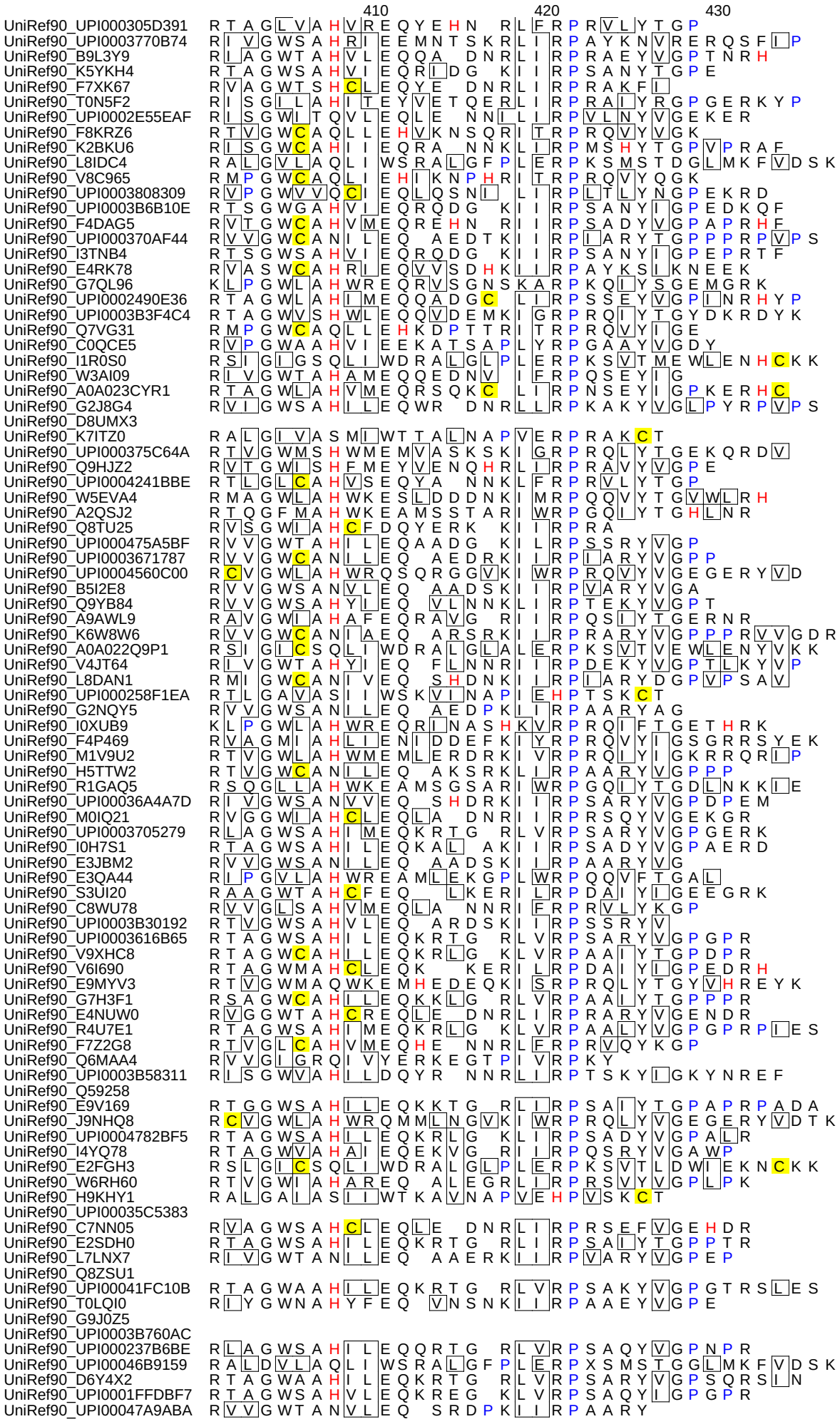

210
220
230
240
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI0000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA


250
260
270
280
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

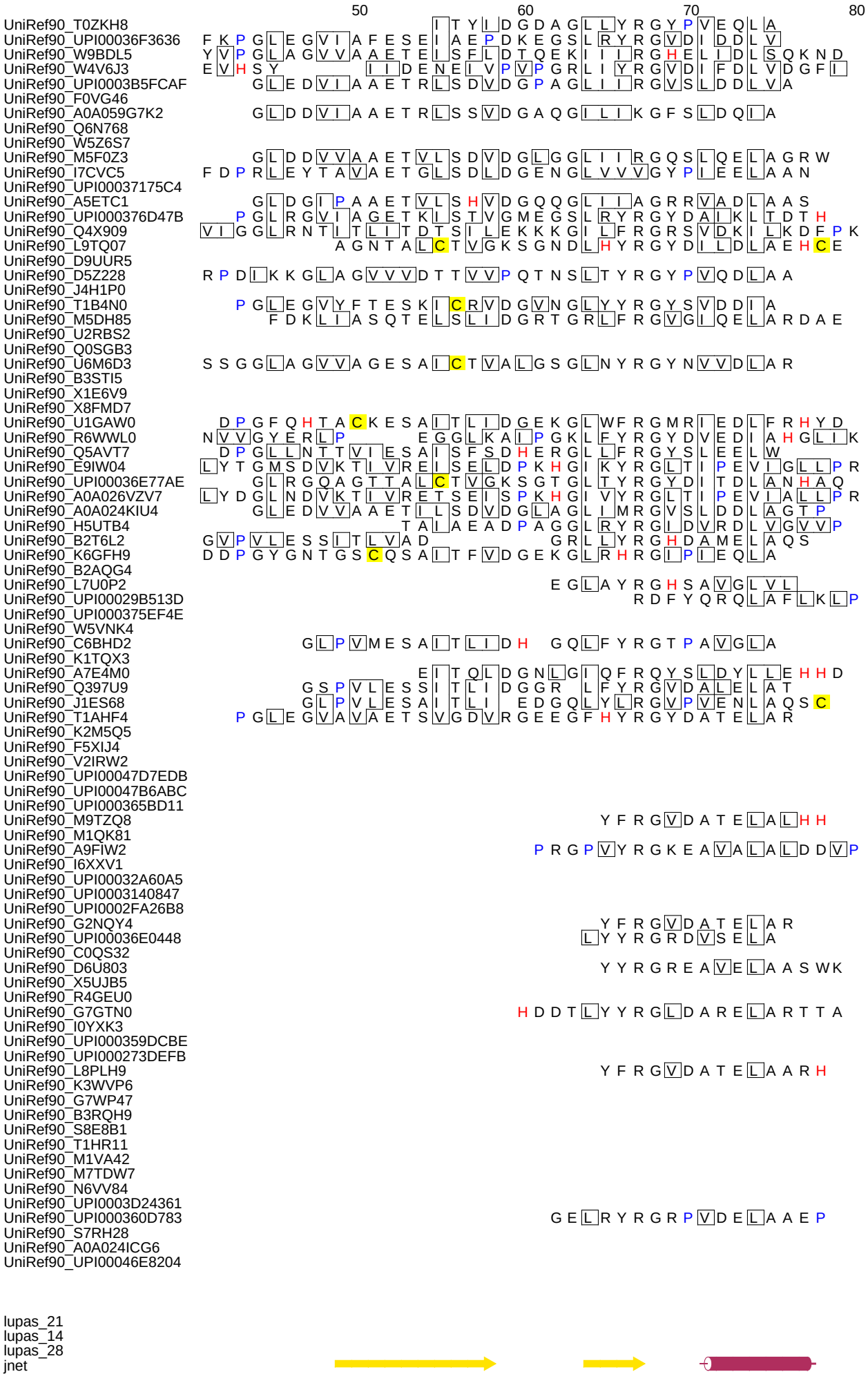

290
300
310
320
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

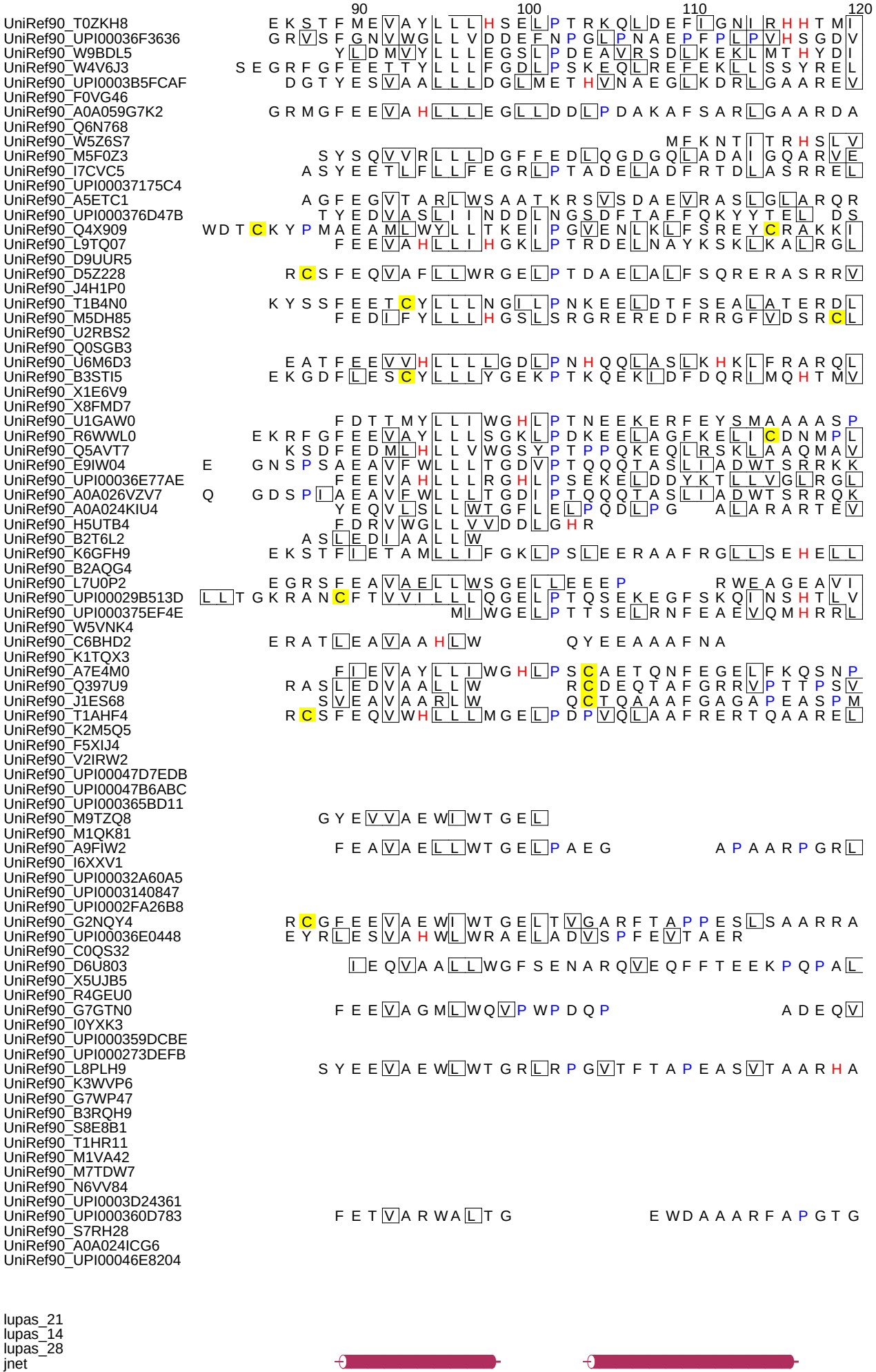

330
340
350
360
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

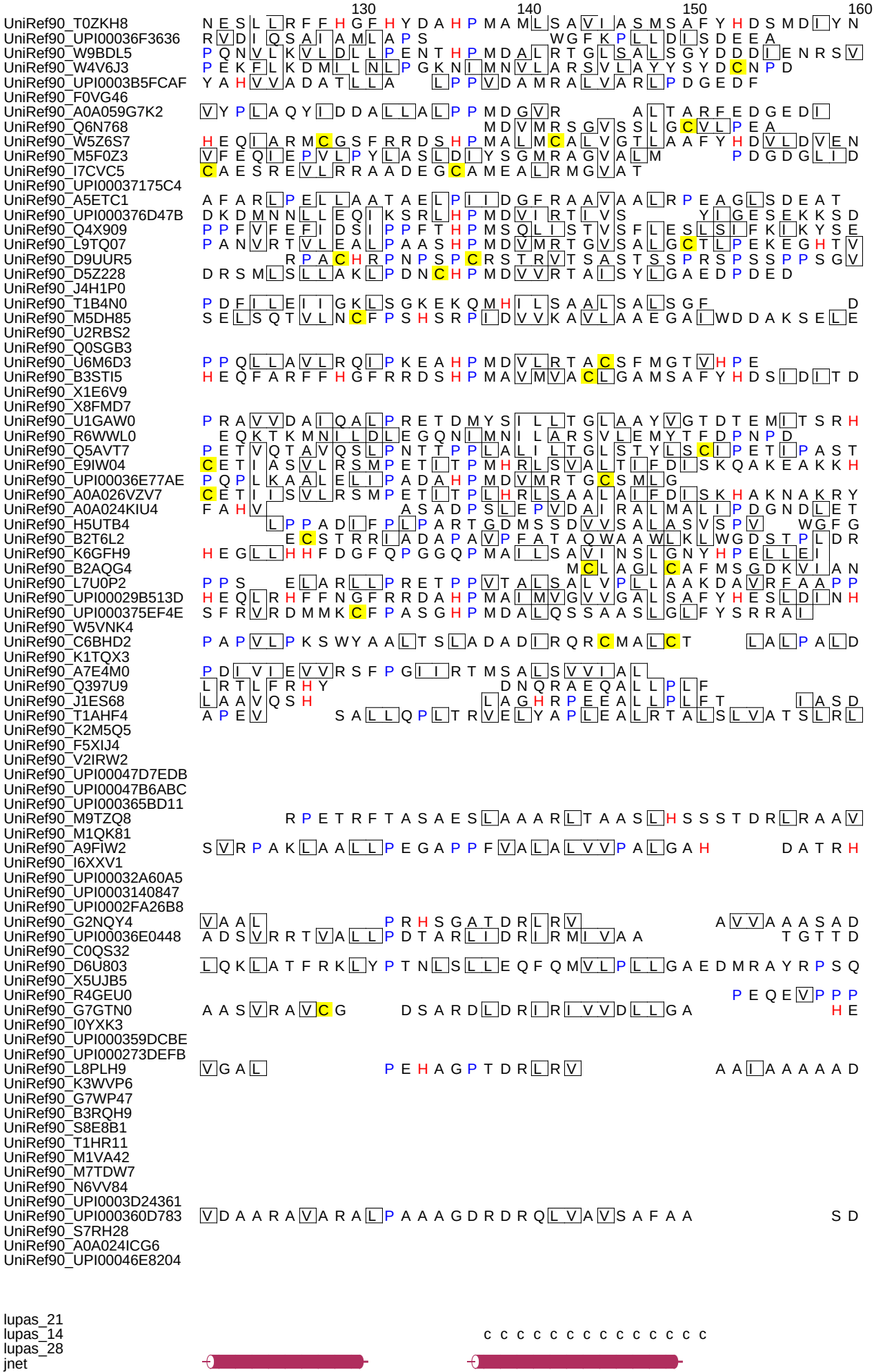

370
380
390
400
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

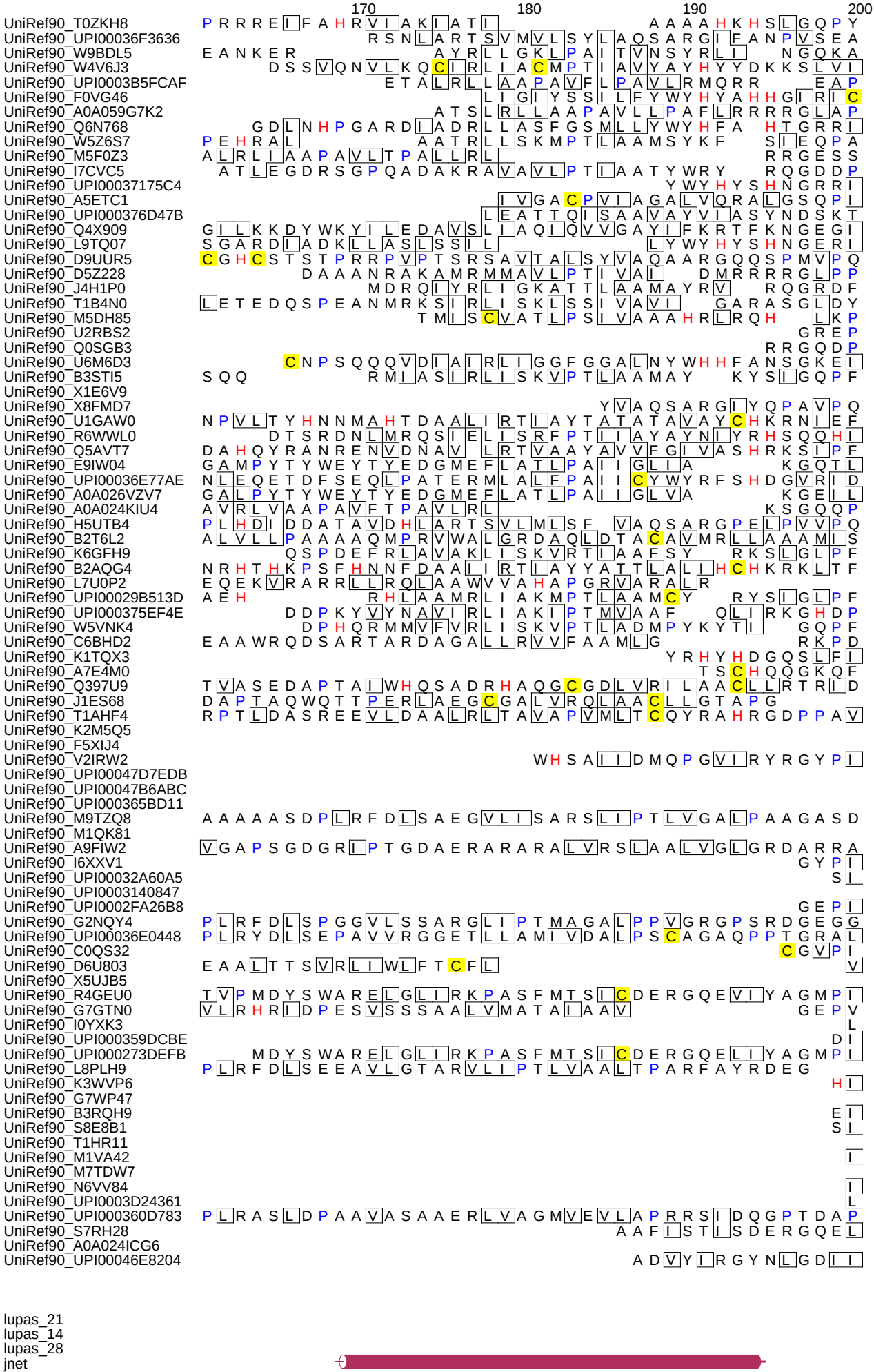

410
420
430
UniRef90_UPI000305D391
UniRef90_UPI0003770B74
UniRef90_B9L3Y9
UniRef90_K5YKH4
UniRef90_F7XK67
UniRef90_T0N5F2
UniRef90_UPI0002E55EAF
UniRef90_F8KRZ6
UniRef90_K2BKU6
UniRef90_L8IDC4
UniRef90_V8C965
UniRef90_UPI0003808309
UniRef90_UPI0003B6B10E
UniRef90_F4DAG5
UniRef90_UPI000370AF44
UniRef90_I3TNB4
UniRef90_E4RK78
UniRef90_G7QL96
UniRef90_UPI0002490E36
UniRef90_UPI0003B3F4C4
UniRef90_Q7VG31
UniRef90_C0QCE5
UniRef90_I1R0S0
UniRef90_W3AI09
UniRef90_A0A023CYR1
UniRef90_G2J8G4
UniRef90_D8UMX3
UniRef90_K7ITZ0
UniRef90_UPI000375C64A
UniRef90_Q9HJZ2
UniRef90_UPI0004241BBE
UniRef90_W5EVA4
UniRef90_A2QSJ2
UniRef90_Q8TU25
UniRef90_UPI000475A5BF
UniRef90_UPI0003671787
UniRef90_UPI0004560C00
UniRef90_B5I2E8
UniRef90_Q9YB84
UniRef90_A9AWL9
UniRef90_K6W8W6
UniRef90_A0A022Q9P1
UniRef90_V4JT64
UniRef90_L8DAN1
UniRef90_UPI000258F1EA
UniRef90_G2NQY5
UniRef90_I0XUB9
UniRef90_F4P469
UniRef90_M1V9U2
UniRef90_H5TTW2
UniRef90_R1GAQ5
UniRef90_UPI00036A4A7D
UniRef90_M0IQ21
UniRef90_UPI0003705279
UniRef90_I0H7S1
UniRef90_E3JBM2
UniRef90_E3QA44
UniRef90_S3UI20
UniRef90_C8WU78
UniRef90_UPI0003B30192
UniRef90_UPI0003616B65
UniRef90_V9XHC8
UniRef90_V6I690
UniRef90_E9MYV3
UniRef90_G7H3F1
UniRef90_E4NUW0
UniRef90_R4U7E1
UniRef90_F7Z2G8
UniRef90_Q6MAA4
UniRef90_UPI0003B58311
UniRef90_Q59258
UniRef90_E9V169
UniRef90_J9NHQ8
UniRef90_UPI0004782BF5
UniRef90_I4YQ78
UniRef90_E2FGH3
UniRef90_W6RH60
UniRef90_H9KHY1
UniRef90_UPI00035C5383
UniRef90_C7NN05
UniRef90_E2SDH0
UniRef90_L7LNX7
UniRef90_Q8ZSU1
UniRef90_UPI00041FC10B
UniRef90_T0LQI0
UniRef90_G9J0Z5
UniRef90_UPI0003B760AC
UniRef90_UPI000237B6BE
UniRef90_UPI00046B9159
UniRef90_D6Y4X2
UniRef90_UPI0001FFDBF7
UniRef90_UPI00047A9ABA

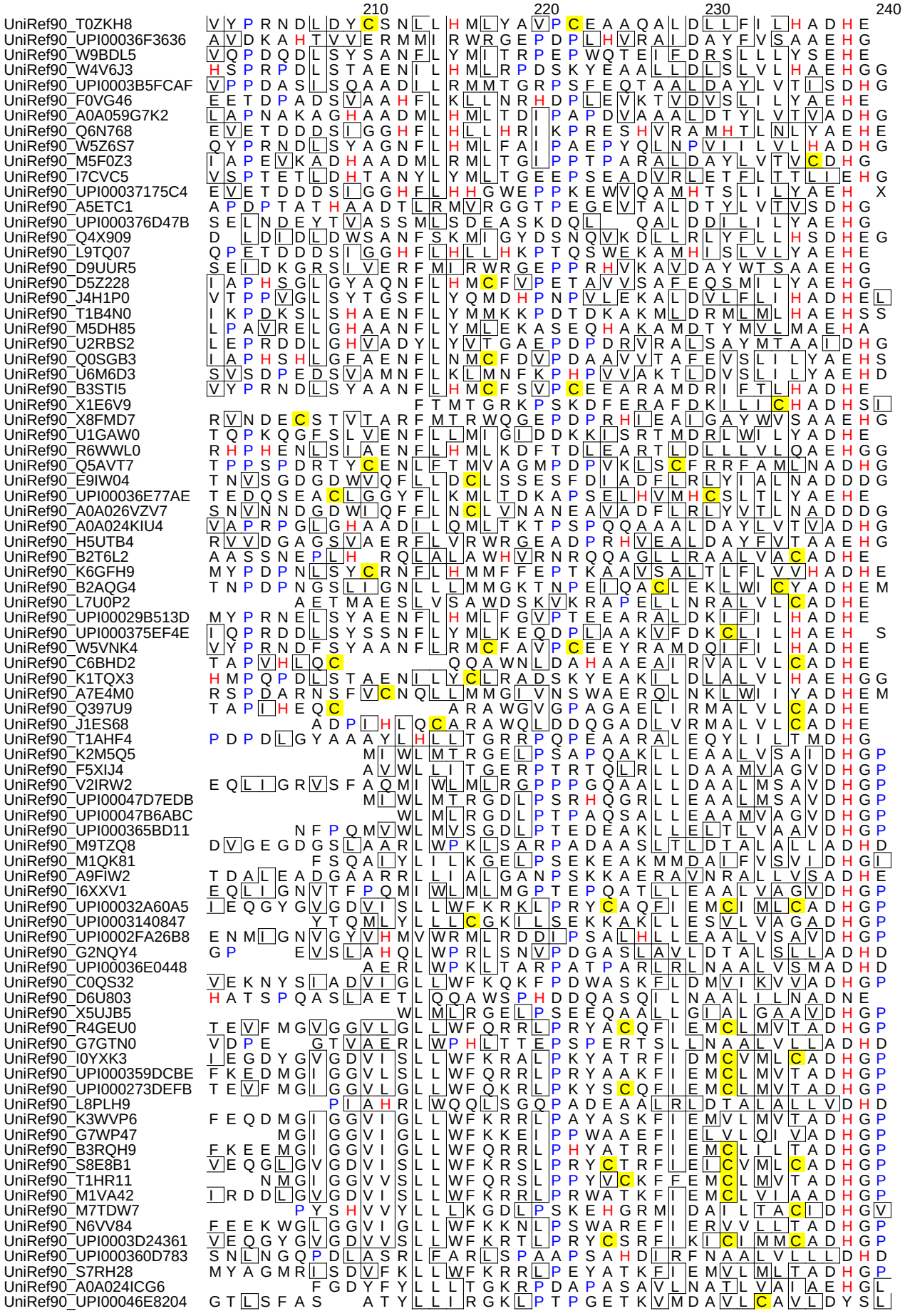
1
10
20
30
40
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

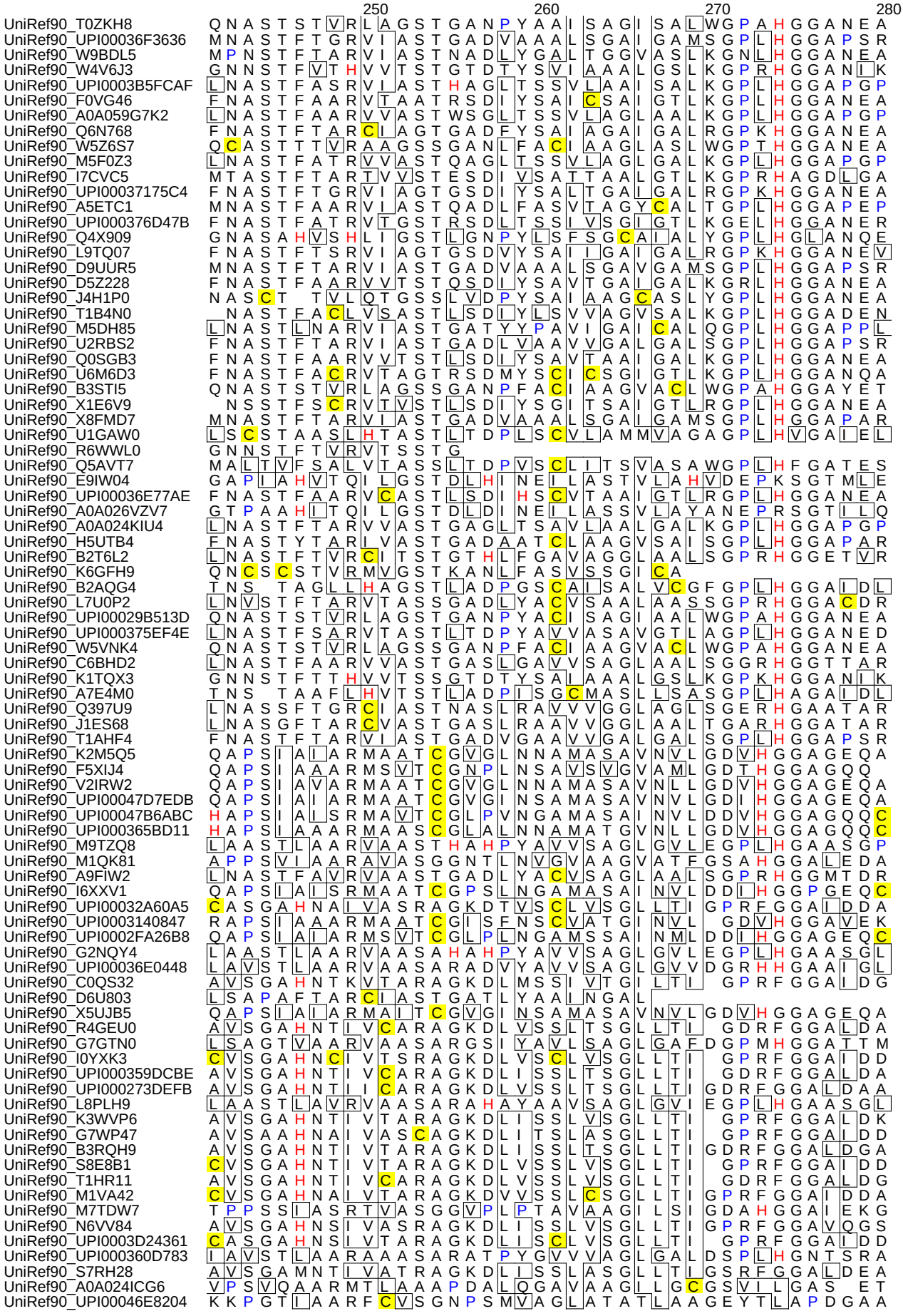

50
60
70
80
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

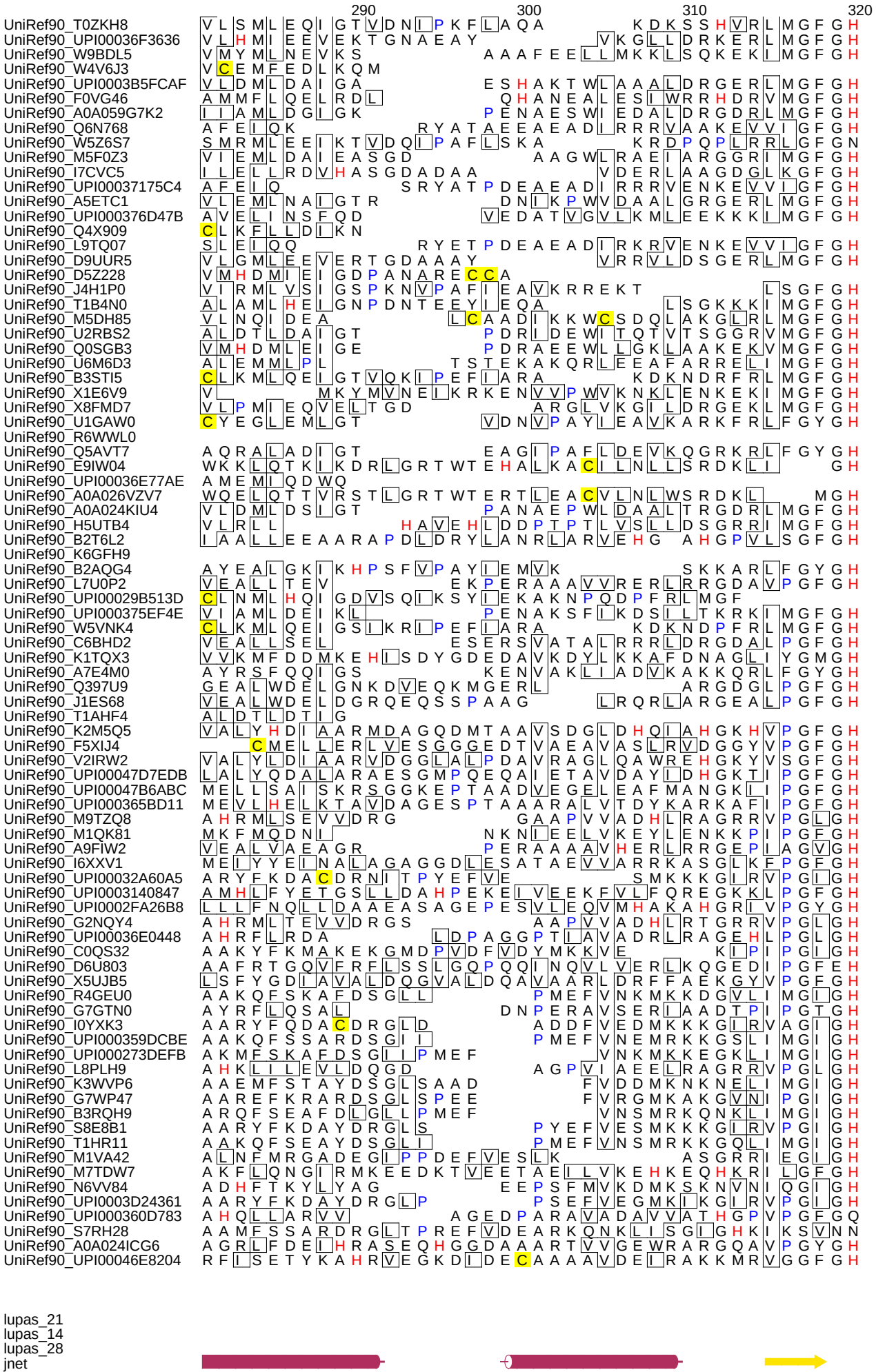

90
100
110
120
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

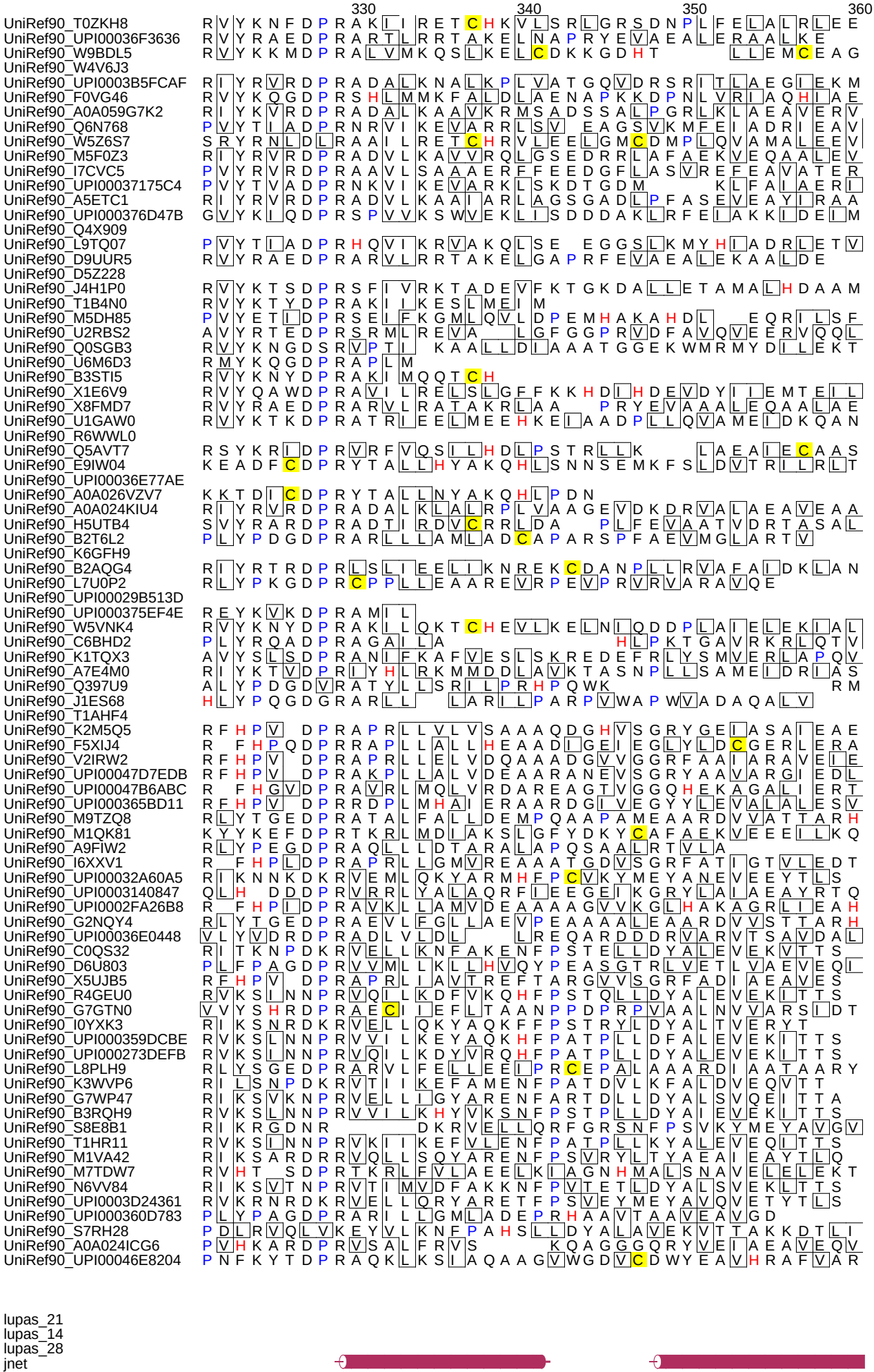

130
140
150
160
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet
c c c c c c c c c c c c c

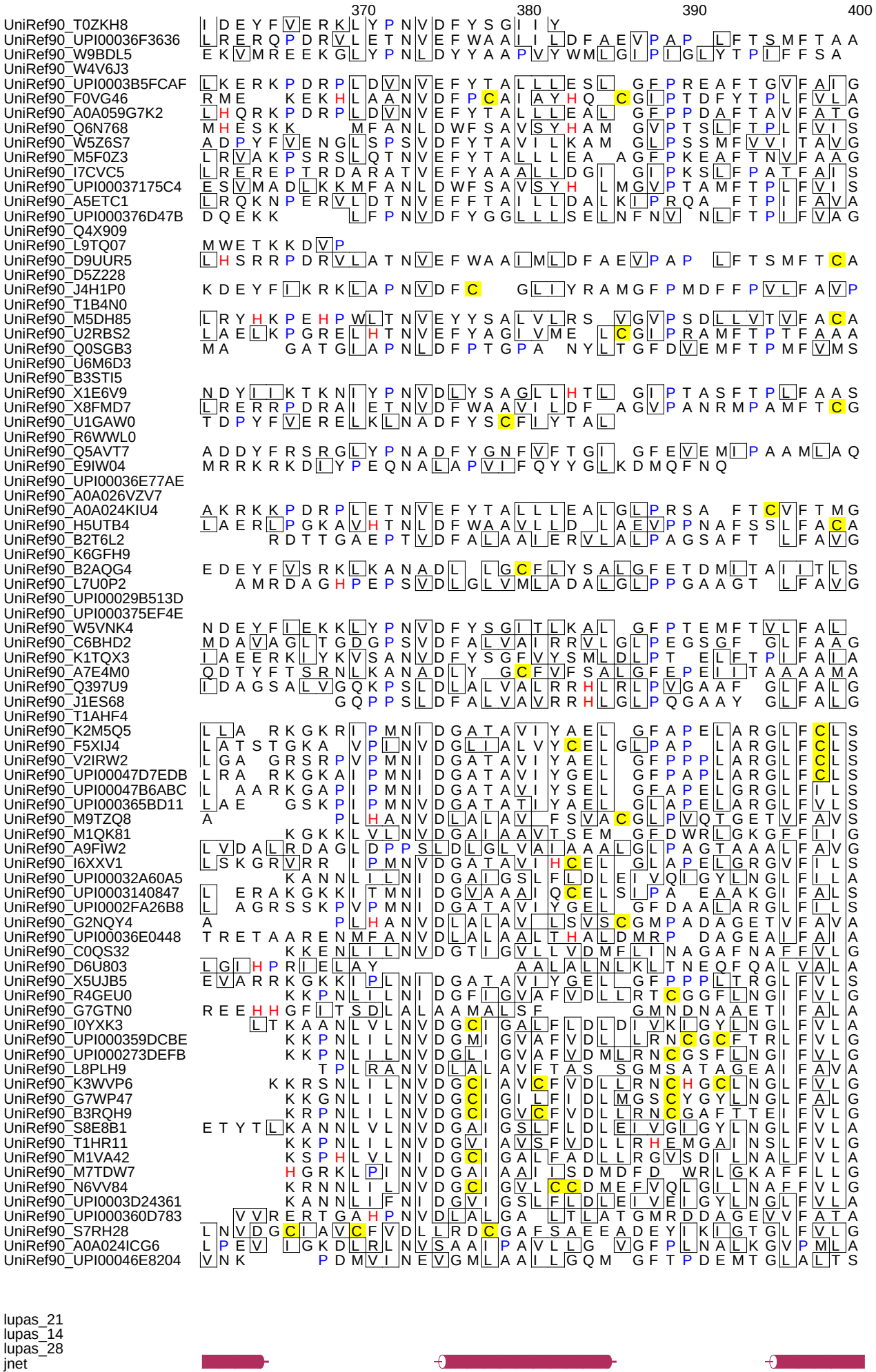

170
180
190
200
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

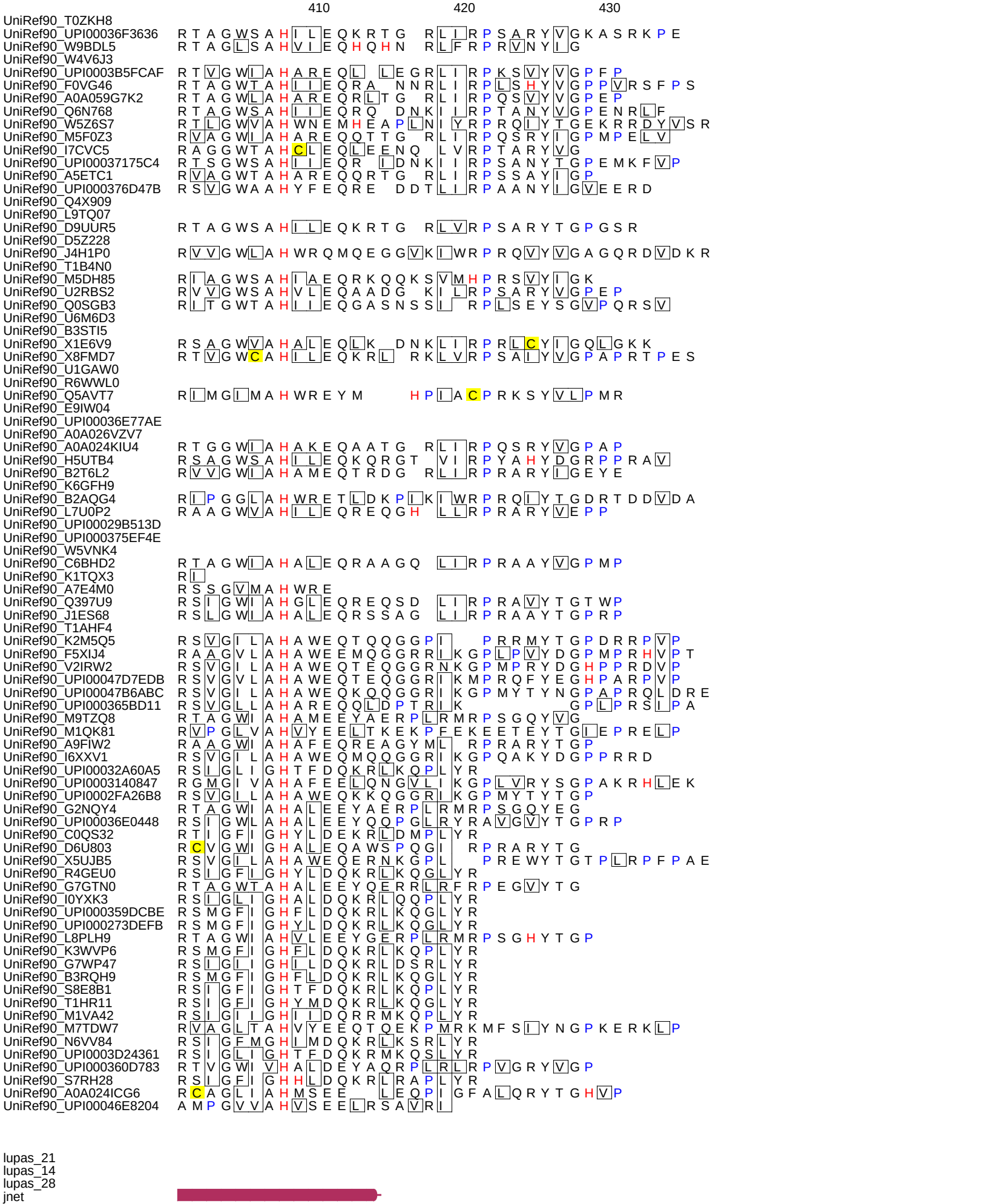

210
220
230
240
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

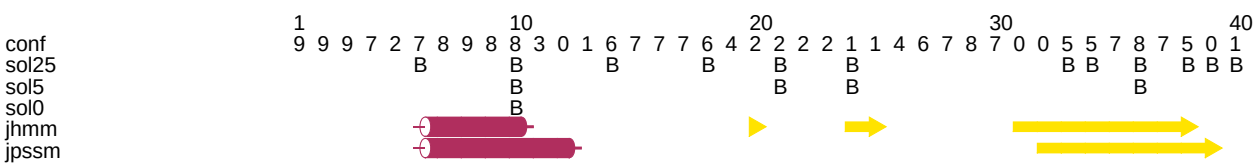

250
260
270
280
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

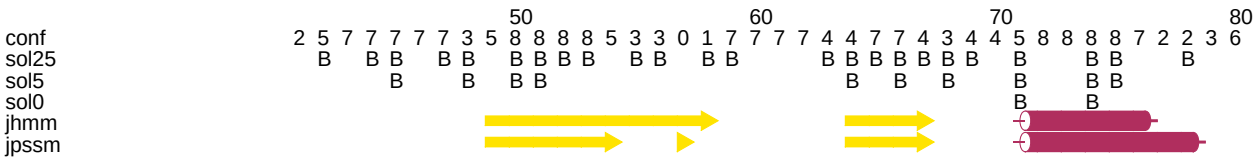

290
300
310
320
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

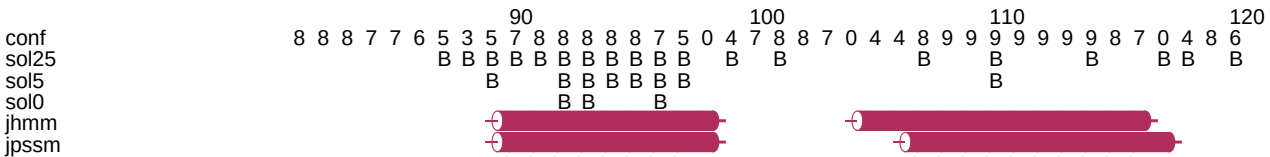

330
340
350
360
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

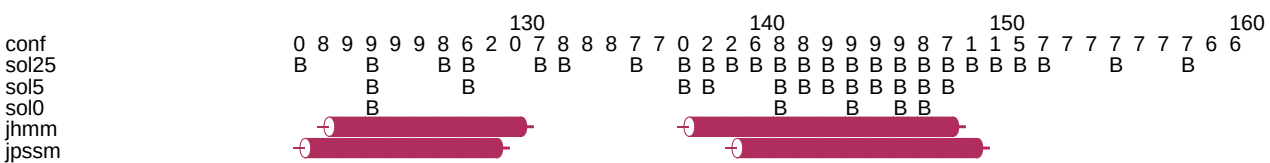

370
380
390
400
UniRef90_T0ZKH8
UniRef90_UPI00036F3636
UniRef90_W9BDL5
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF
UniRef90_F0VG46
UniRef90_A0A059G7K2
UniRef90_Q6N768
UniRef90_W5Z6S7
UniRef90_M5F0Z3
UniRef90_I7CVC5
UniRef90_UPI00037175C4
UniRef90_A5ETC1
UniRef90_UPI000376D47B
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5
UniRef90_D5Z228
UniRef90_J4H1P0
UniRef90_T1B4N0
UniRef90_M5DH85
UniRef90_U2RBS2
UniRef90_Q0SGB3
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9
UniRef90_X8FMD7
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4
UniRef90_H5UTB4
UniRef90_B2T6L2
UniRef90_K6GFH9
UniRef90_B2AQG4
UniRef90_L7U0P2
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2
UniRef90_K1TQX3
UniRef90_A7E4M0
UniRef90_Q397U9
UniRef90_J1ES68
UniRef90_T1AHF4
UniRef90_K2M5Q5
UniRef90_F5XIJ4
UniRef90_V2IRW2
UniRef90_UPI00047D7EDB
UniRef90_UPI00047B6ABC
UniRef90_UPI000365BD11
UniRef90_M9TZQ8
UniRef90_M1QK81
UniRef90_A9FIW2
UniRef90_I6XXV1
UniRef90_UPI00032A60A5
UniRef90_UPI0003140847
UniRef90_UPI0002FA26B8
UniRef90_G2NQY4
UniRef90_UPI00036E0448
UniRef90_C0QS32
UniRef90_D6U803
UniRef90_X5UJB5
UniRef90_R4GEU0
UniRef90_G7GTN0
UniRef90_I0YXK3
UniRef90_UPI000359DCBE
UniRef90_UPI000273DEFB
UniRef90_L8PLH9
UniRef90_K3WVP6
UniRef90_G7WP47
UniRef90_B3RQH9
UniRef90_S8E8B1
UniRef90_T1HR11
UniRef90_M1VA42
UniRef90_M7TDW7
UniRef90_N6VV84
UniRef90_UPI0003D24361
UniRef90_UPI000360D783
UniRef90_S7RH28
UniRef90_A0A024ICG6
UniRef90_UPI00046E8204
lupas_21
lupas_14
lupas_28
jnet

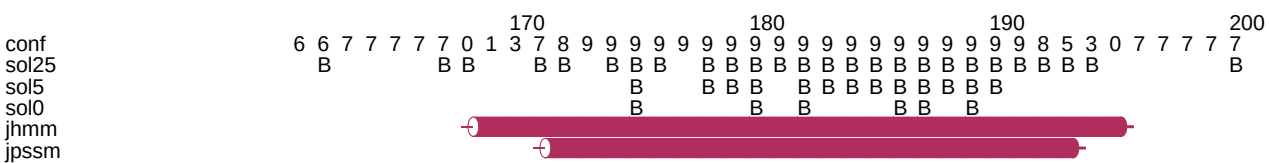

410
420
430
UniRef90_T0ZKH8
UniRef90_UPI00036F3636 R T A G W S A H I L E Q K R T G R L I R P S A R Y V G K A S R K P E
UniRef90_W9BDL5 R T A G L S A H V I E Q H Q H N R L F R P R V N Y I G
UniRef90_W4V6J3
UniRef90_UPI0003B5FCAF R T V G W I A H A A R E Q L L E G R L I R P K S V Y V G P F P
UniRef90_F0VG46 R T A G W T A H I I E Q R A N N R L I R P L S H Y V G P P V R S F P S
UniRef90_A0A059G7K2 R T A G W L A H A R E Q R L T G R L I R P Q S V Y V G P E P
UniRef90_Q6N768 R T A G W S A H I I E Q R Q D N K I I R P T A N Y V G P E N R L F
UniRef90_W5Z6S7 R T L G W V A H W N E M H E A P L N I Y R P R Q I Y T G E K R R D Y V S R
UniRef90_M5F0Z3 R V A G W I A H A R E Q Q T T G R L I R P Q S R Y I G P M P E L V
UniRef90_I7CVC5 R A G G W T A H C L E Q L E E N Q L V R P T A R Y V G
UniRef90_UPI00037175C4 R T S G W S A H I I E Q R I D N K I I R P S A N Y T G P E M K F V P
UniRef90_A5ETC1 R V A G W T A H A R E Q Q R T G R L I R P S S A Y I G P
UniRef90_UPI000376D47B R S V G W A A H Y F E Q R E D D T L I R P A A N Y I G V E E R D
UniRef90_Q4X909
UniRef90_L9TQ07
UniRef90_D9UUR5 R T A G W S A H I L E Q K R T G R L V R P S A R Y T G P G S R
UniRef90_D5Z228
UniRef90_J4H1P0 R V V G W L A H W R Q M Q E G G V K I W R P R Q V Y V G A G Q R D V D K R
UniRef90_T1B4N0
UniRef90_M5DH85 R I A G W S A H I A E Q R K Q Q K S V M H P R S V Y I G K
UniRef90_U2RBS2 R V V G W S A H V L E Q A A D G K I L R P S A R Y V G P E P
UniRef90_Q0SGB3 R I T G W T A H I I E Q G A S N S S I R P L S E Y S G V P Q R S V
UniRef90_U6M6D3
UniRef90_B3STI5
UniRef90_X1E6V9 R S A G W V A H A L E Q L K D N K L I R P R L C Y I G Q L G K K
UniRef90_X8FMD7 R T V G W C A H I L E Q K R L R K L V R P S A I Y V G P A P R T P E S
UniRef90_U1GAW0
UniRef90_R6WWL0
UniRef90_Q5AVT7 R I M G I M A H W R E Y M H P I A C P R K S Y V L P M R
UniRef90_E9IW04
UniRef90_UPI00036E77AE
UniRef90_A0A026VZV7
UniRef90_A0A024KIU4 R T G G W I A H A A K E Q A A T G R L I R P Q S R Y V G P A P
UniRef90_H5UTB4 R S A G W S A H I L E Q K Q R G T V I R P Y A H Y D G R P P R A V
UniRef90_B2T6L2 R V V G W I A H A M E Q T R D G R L I R P R A R Y I G E Y E
UniRef90_K6GFH9
UniRef90_B2AQG4 R I P G G L A H W R E T L D K P I K I W R P R Q I Y T G D R T D D V D A
UniRef90_L7U0P2 R A A G W V A H I L E Q R E Q G H L L R P R A R Y V E P P
UniRef90_UPI00029B513D
UniRef90_UPI000375EF4E
UniRef90_W5VNK4
UniRef90_C6BHD2 R T A G W I A H A L E Q R A A G Q L I R P R A A Y V G P M P
UniRef90_K1TQX3 R I
UniRef90_A7E4M0 R S S G V M A H W R E
UniRef90_Q397U9 R S I G W I A H G L E Q R E Q S D L I R P R A V Y T G T W P
UniRef90_J1ES68 R S L G W I A H A L E Q R S S A G L I R P R A A Y T G P R P
UniRef90_T1AHF4
UniRef90_K2M5Q5 R S V G I L A H A W E Q T Q Q G G P I P R R M Y T G P D R R P V P
UniRef90_F5XIJ4 R A A G V L A H A W E E M Q G G R R I K G P L P V Y D G P M P R H V P T
UniRef90_V2IRW2 R S V G I L A H A W E Q T E Q G G R N K G P M P R Y D G H P P R D V P
UniRef90_UPI00047D7EDB R S V G V L A H A W E Q T E Q G G R I K M P R Q F Y E G H P A R P V P
UniRef90_UPI00047B6ABC R S V G I L A H A W E Q K Q Q G G R I K G P M Y T Y N G P A P R Q L D R E
UniRef90_UPI000365BD11 R S V G L L A H A R E Q Q L D P T R I K G P L P R S I P A
UniRef90_M9TZQ8 R T A G W I A H A M E E Y A E R P L R M R P S G Q Y V G
UniRef90_M1QK81 R V P G L V A H V Y E E L T K E K P F E K E E T E Y T G I E P R E L P
UniRef90_A9FIW2 R A A G W I A H A F E Q R E A G Y M L R P R A R Y T G P
UniRef90_I6XXV1 R S V G I L A H A W E Q M Q Q G G R I K G P Q A K Y D G P P R R D
UniRef90_UPI00032A60A5 R S I G L I G H T F D Q K R L K Q P L Y R
UniRef90_UPI0003140847 R G M G I V A H A F E E L Q N G V L I K G P L V R Y S G P A K R H L E K
UniRef90_UPI0002FA26B8 R S V G I L A H A W E Q K K Q G G R I K G P M Y T Y T G P
UniRef90_G2NQY4 R T A G W I A H A L E E Y A E R P L R M R P S G Q Y E G
UniRef90_UPI00036E0448 R S I G W L A H A L E E Y Q Q P G L R Y R A V G V Y T G P R P
UniRef90_C0QS32 R T I G F I G H Y L D E K R L D M P L Y R
UniRef90_D6U803 R C V G W I G H A L E Q A W S P Q G I R P R A R Y T G
UniRef90_X5UJB5 R S V G I L A H A W E Q E R N K G P L P R E W Y T G T P L R P F P A E
UniRef90_R4GEU0 R S I G F I G H Y L D Q K R L K Q G L Y R
UniRef90_G7GTN0 R T A G W T A H A L E E Y Q E R R L R F R P E G V Y T G
UniRef90_I0YXK3 R S I G L I G H A L D Q K R L Q Q P L Y R
UniRef90_UPI000359DCBE R S M G F I G H F L D Q K R L K Q G L Y R
UniRef90_UPI000273DEFB R S M G F I G H Y L D Q K R L K Q G L Y R
UniRef90_L8PLH9 R T A G W I A H V L E E Y G E R P L R M R P S G H Y T G P
UniRef90_K3WVP6 R S M G F I G H F L D Q K R L K Q P L Y R
UniRef90_G7WP47 R S I G I I G H I L D Q K R L D S R L Y R
UniRef90_B3RQH9 R S M G F I G H F L D Q K R L K Q G L Y R
UniRef90_S8E8B1 R S I G F I G H T F D Q K R L K Q P L Y R
UniRef90_T1HR11 R S I G F I G H Y M D Q K R L K Q G L Y R
UniRef90_M1VA42 R S I G I I G H I I D Q R R M K Q P L Y R
UniRef90_M7TDW7 R V A G L T A H V Y E E Q T Q E K P M R K M F S I Y N G P K E R K L P
UniRef90_N6VV84 R S I G F M G H I M D Q K R L K S R L Y R
UniRef90_UPI0003D24361 R S I G L I G H T F D Q K R M K Q S L Y R
UniRef90_UPI000360D783 R T V G W I V H A L D E Y A Q R P L R L R P V G R Y V G P
UniRef90_S7RH28 R S I G F I G H H L D Q K R L R A P L Y R
UniRef90_A0A024ICG6 R C A G L I A H M S E E L E Q P I G F A L Q R Y T G H V P
UniRef90_UPI00046E8204 A M P G V V A H V S E E L R S A V R I
lupas_21
lupas_14
lupas_28
jnet

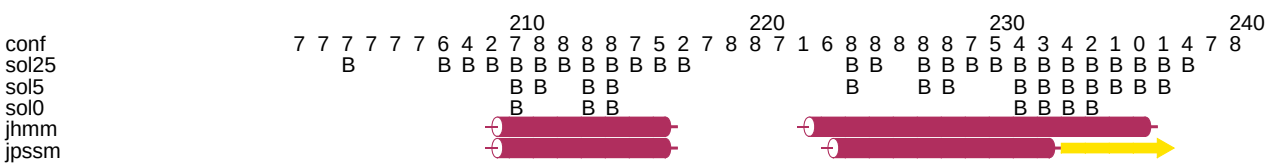

1
10
20
30
40
conf
sol25
sol5
sol0
jhmm
jpssm

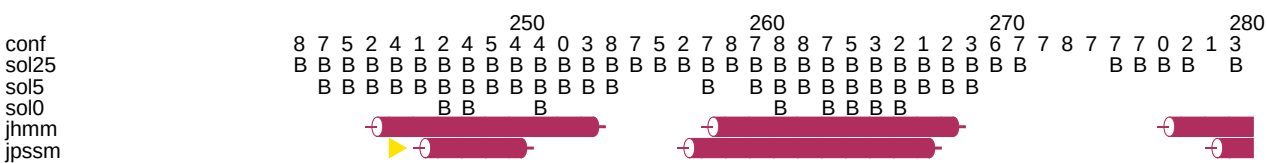

50
60
70
80
conf
sol25
sol5
sol0
jhmm
jpssm


90
100
110
120
conf 8 8 8 7 7 6 5 3 5 7 8 8 8 8 8 8 7 5 0 4 7 8 8 7 0 4 4 8 9 9 9 9 9 9 9 8 7 0 4 8 6
sol25 B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
sol5 B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
sol0 B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
jhmm
jpssm

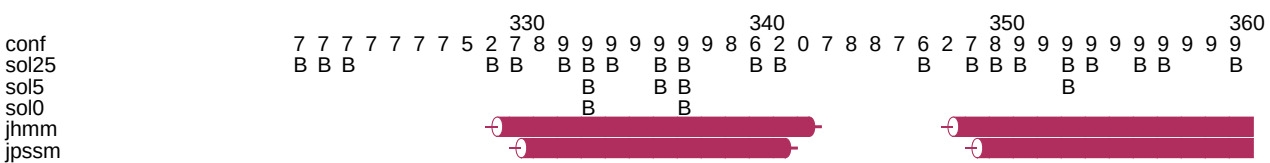

130
140
150
160
conf 0 8 9 9 9 9 8 6 2 0 7 8 8 8 7 7 0 2 2 6 8 8 8 9 9 9 9 8 7 1 1 5 7 7 7 7 7 7 6 6
sol25 B B B B B B B B B B B B B B B B B B B B B B B B B B B B B B
sol5 B B B B B B B B B B B B B B B B B B B B B B B B B B B B
sol0 B B B B B B B B B B B B B B B B B B B B B B B B B B
jhmm
jpssm

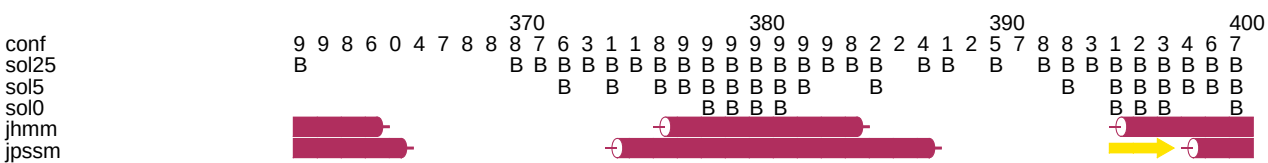

170
180
190
200
conf
sol25
sol5
sol0
jhmm
jpssm

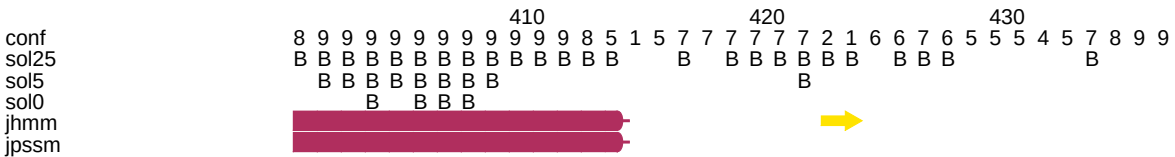

210
220
230
240
conf
sol25
sol5
sol0
jhmm
jpssm


250
260
270
280
conf
sol25
sol5
sol0
jhmm
jpssm

290
300
310
320
conf
sol25
sol5
sol0
jhmm
jpssm


330
340
350
360
conf
sol25
sol5
sol0
jhmm
jpssm


370
380
390
400
conf
sol25
sol5
sol0
jhmm
jpssm


410
420
430
conf
sol25
sol5
sol0
jhmm
jpssm