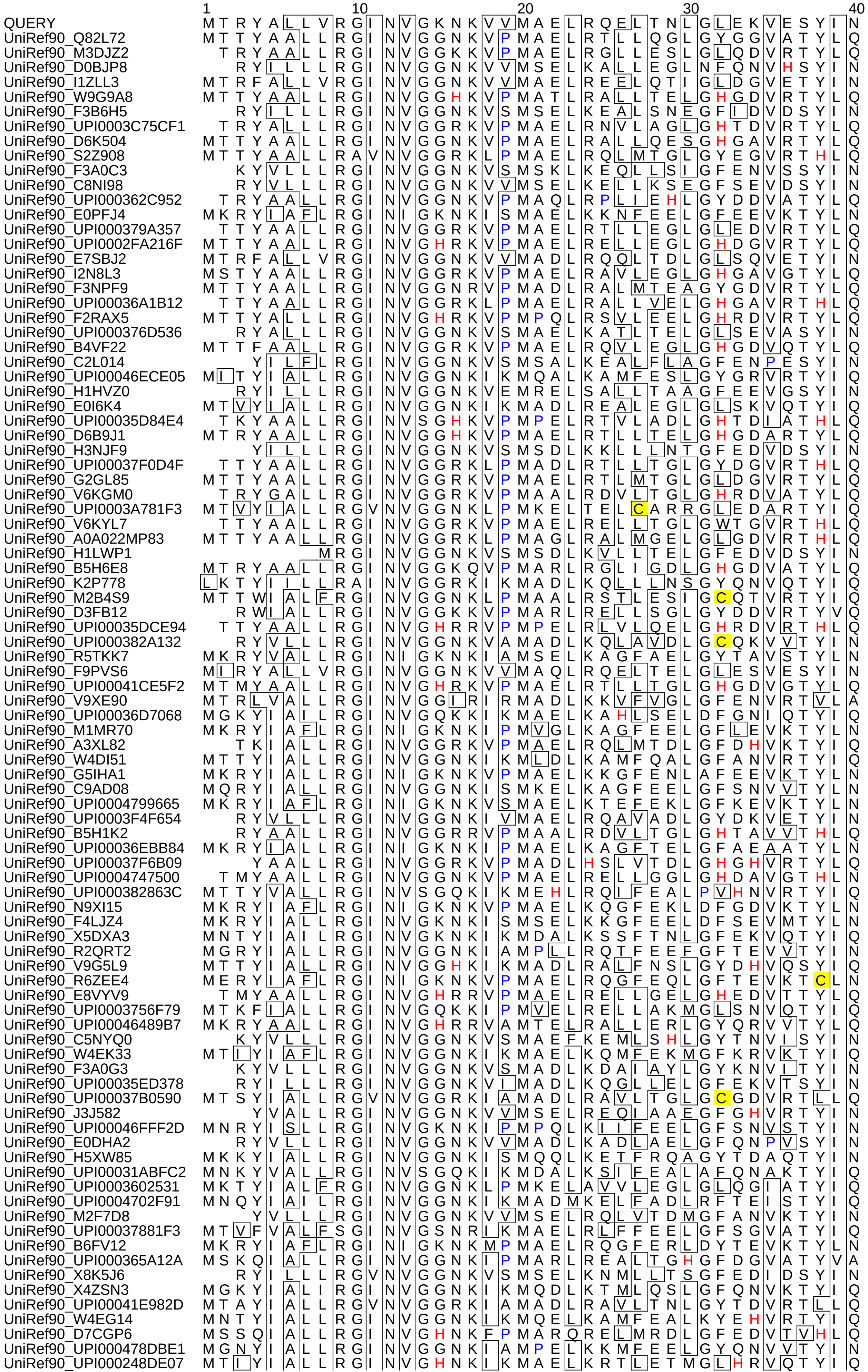

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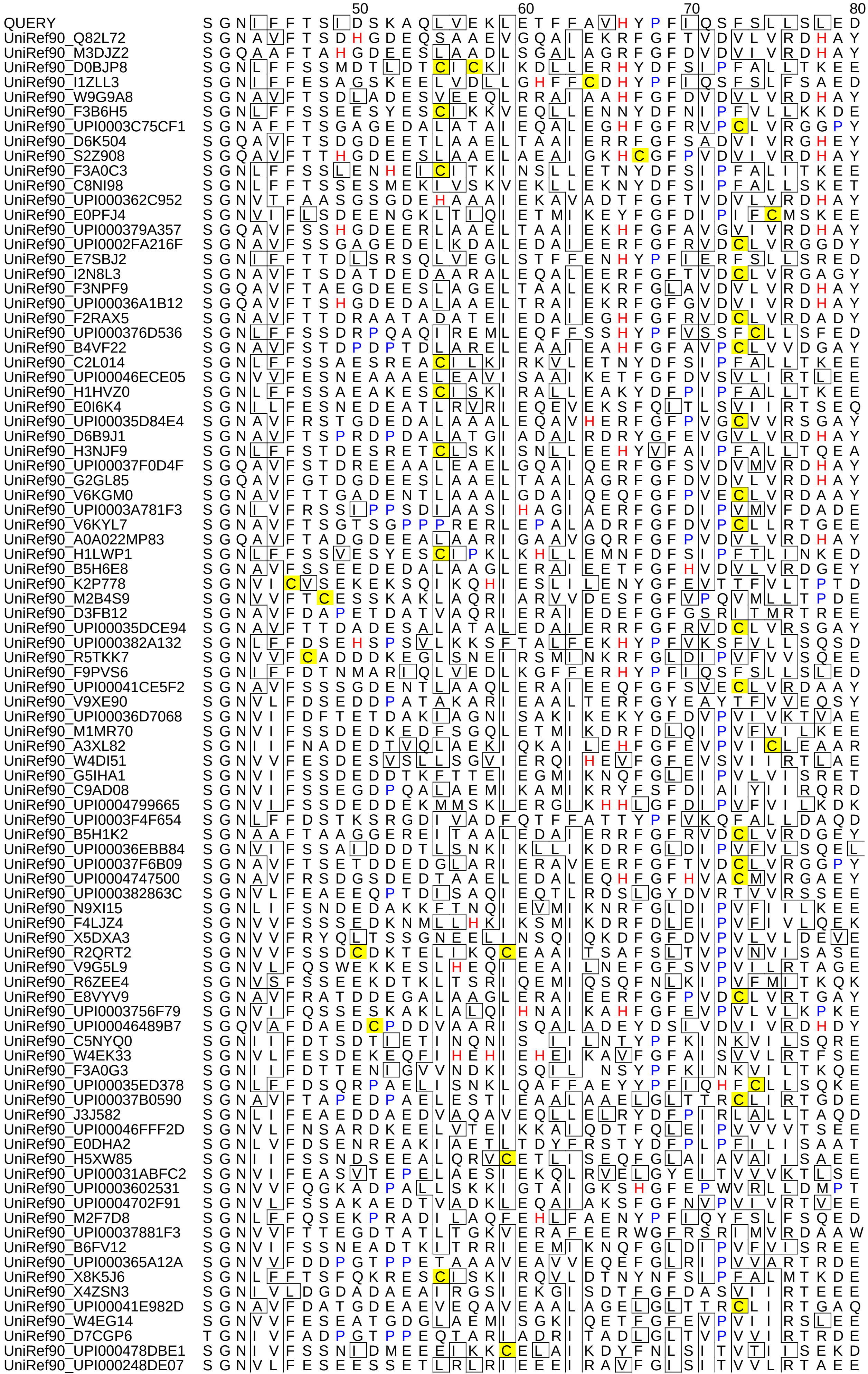

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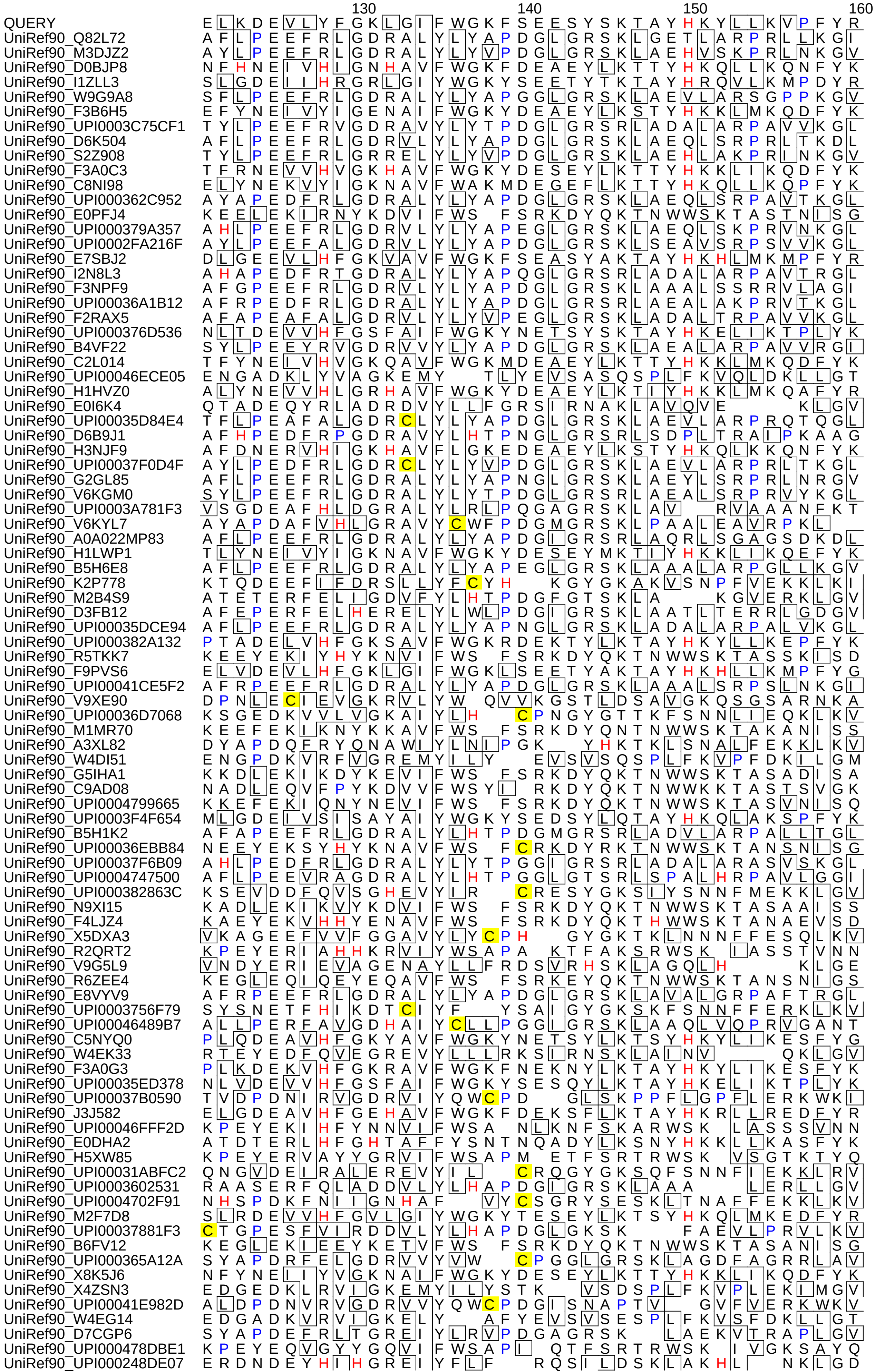

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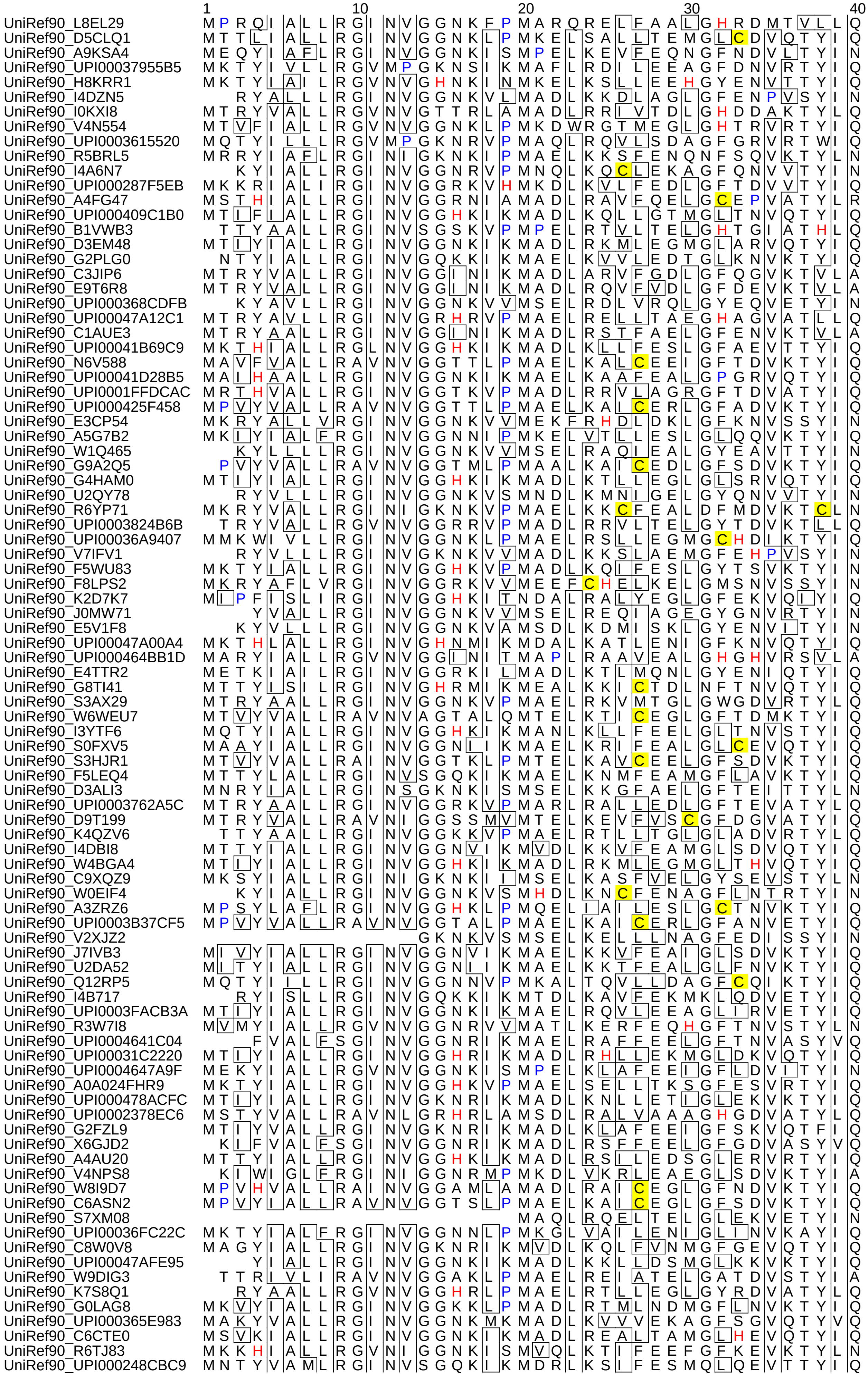

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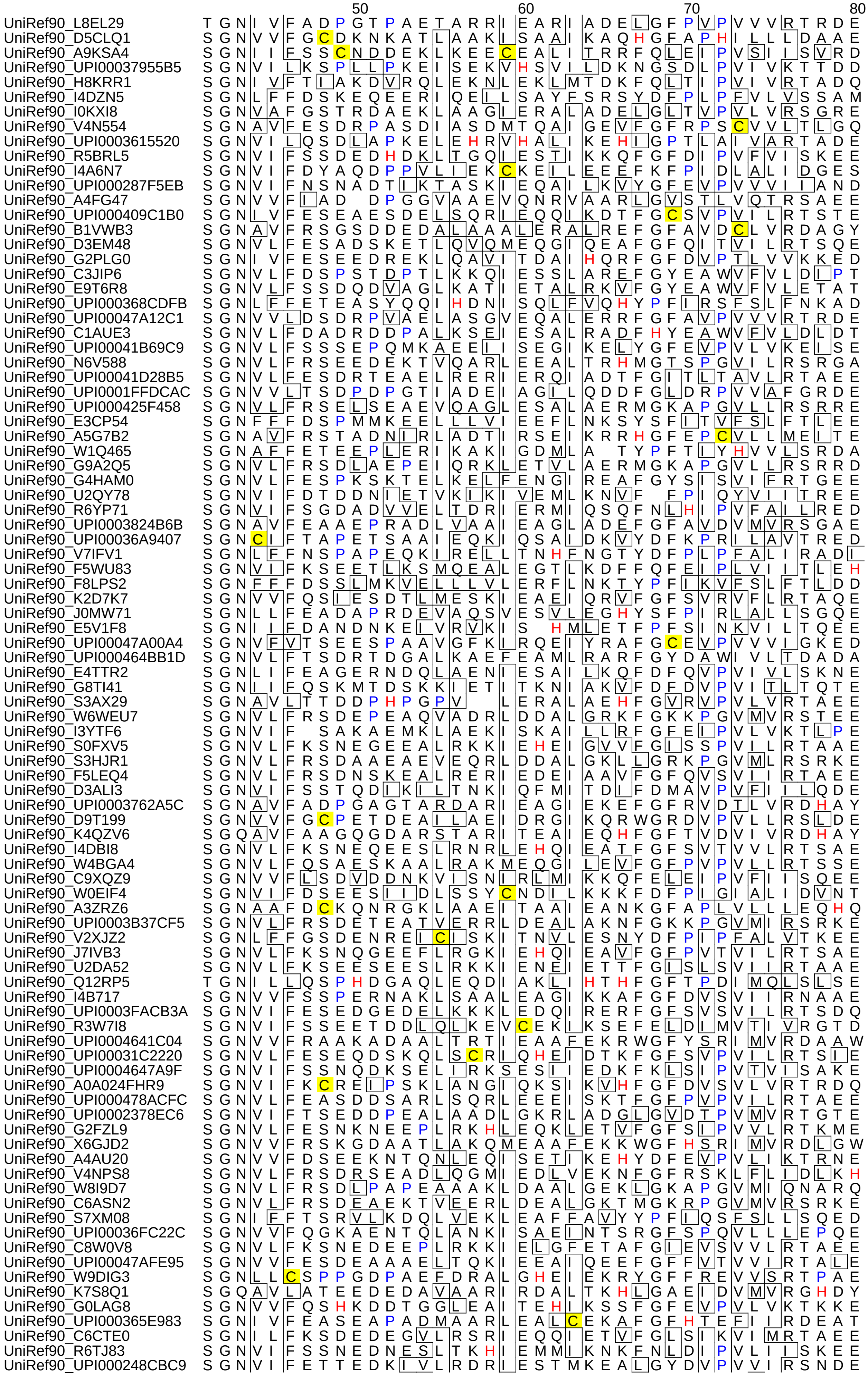

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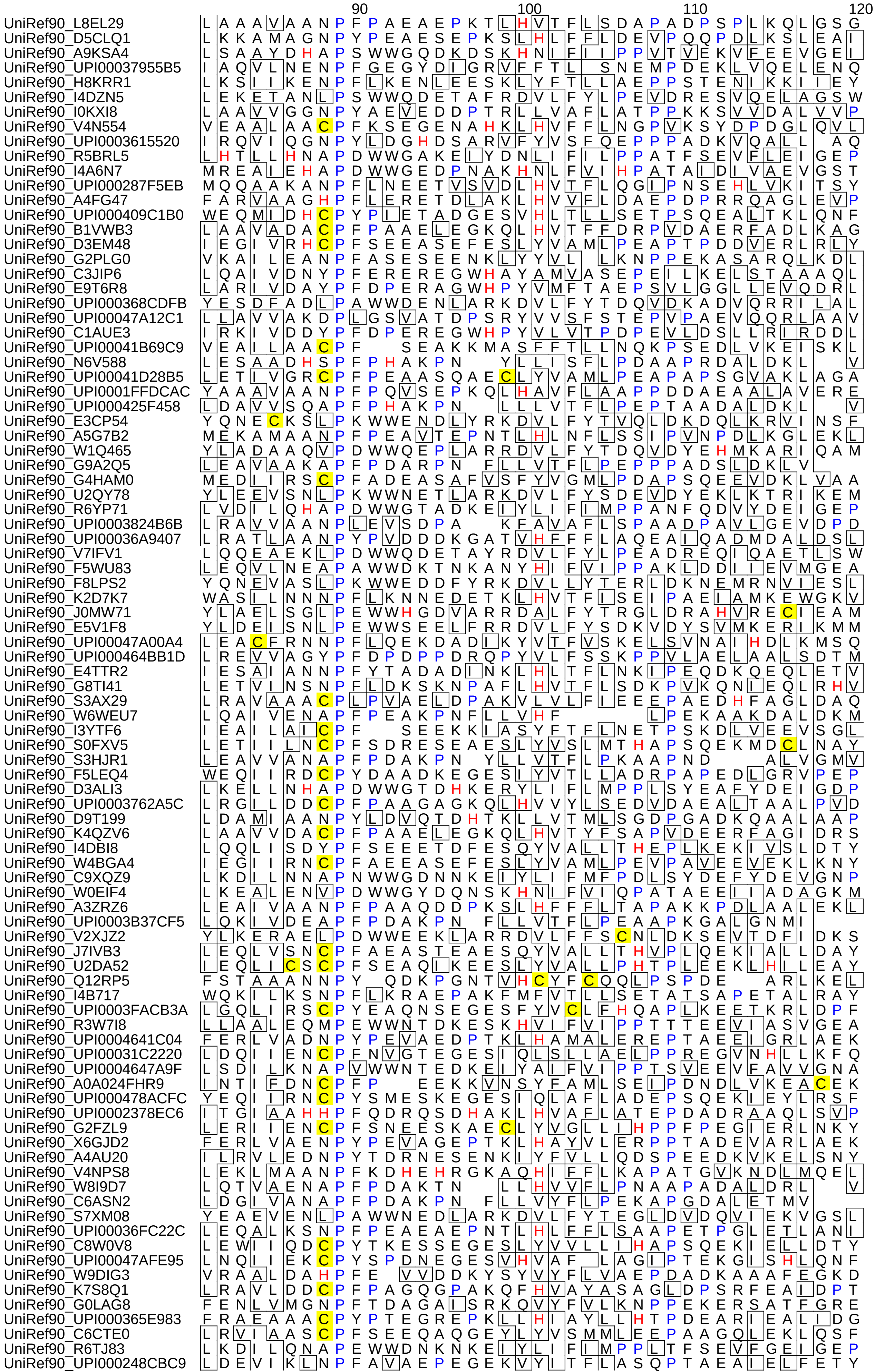

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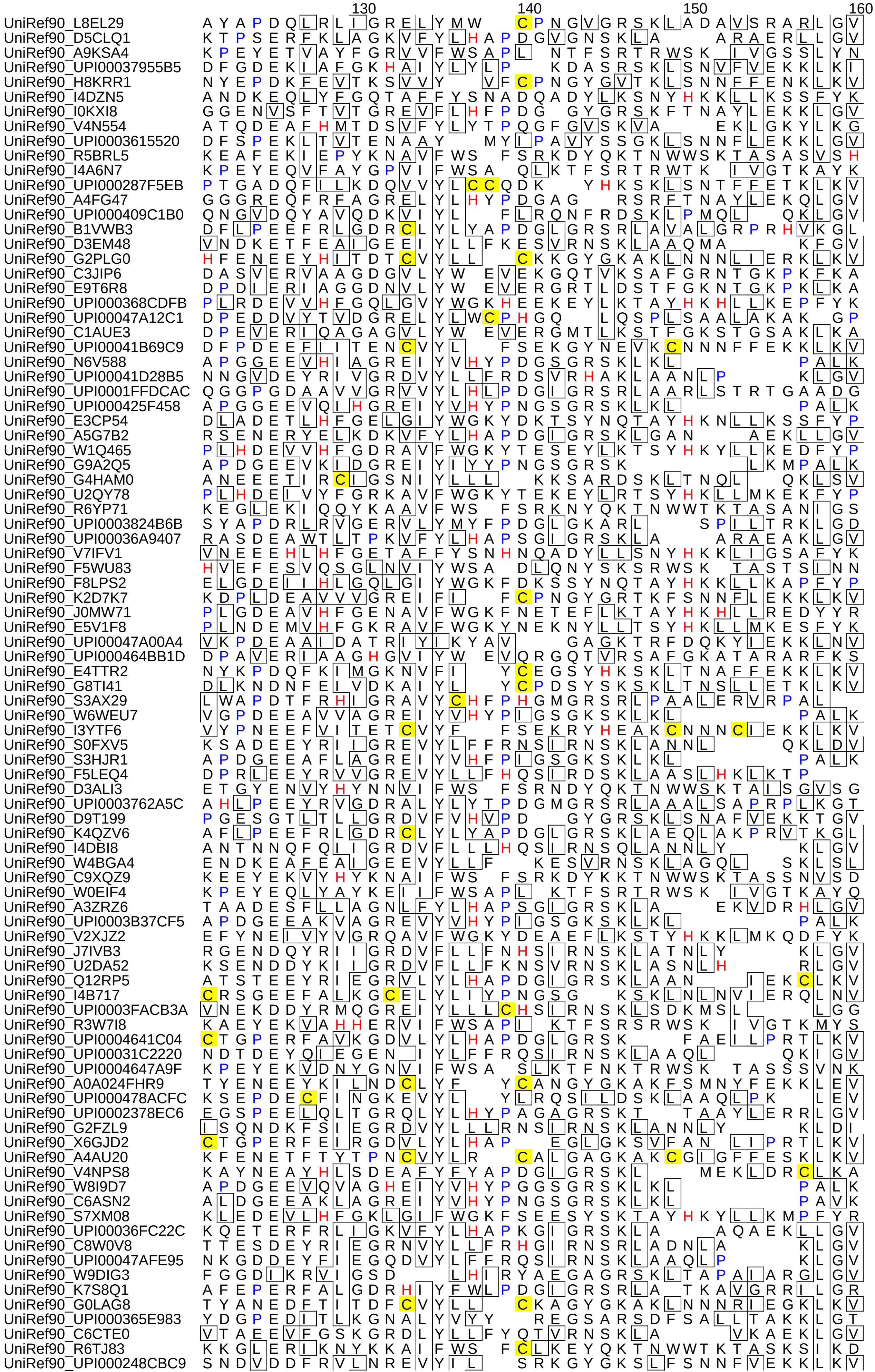

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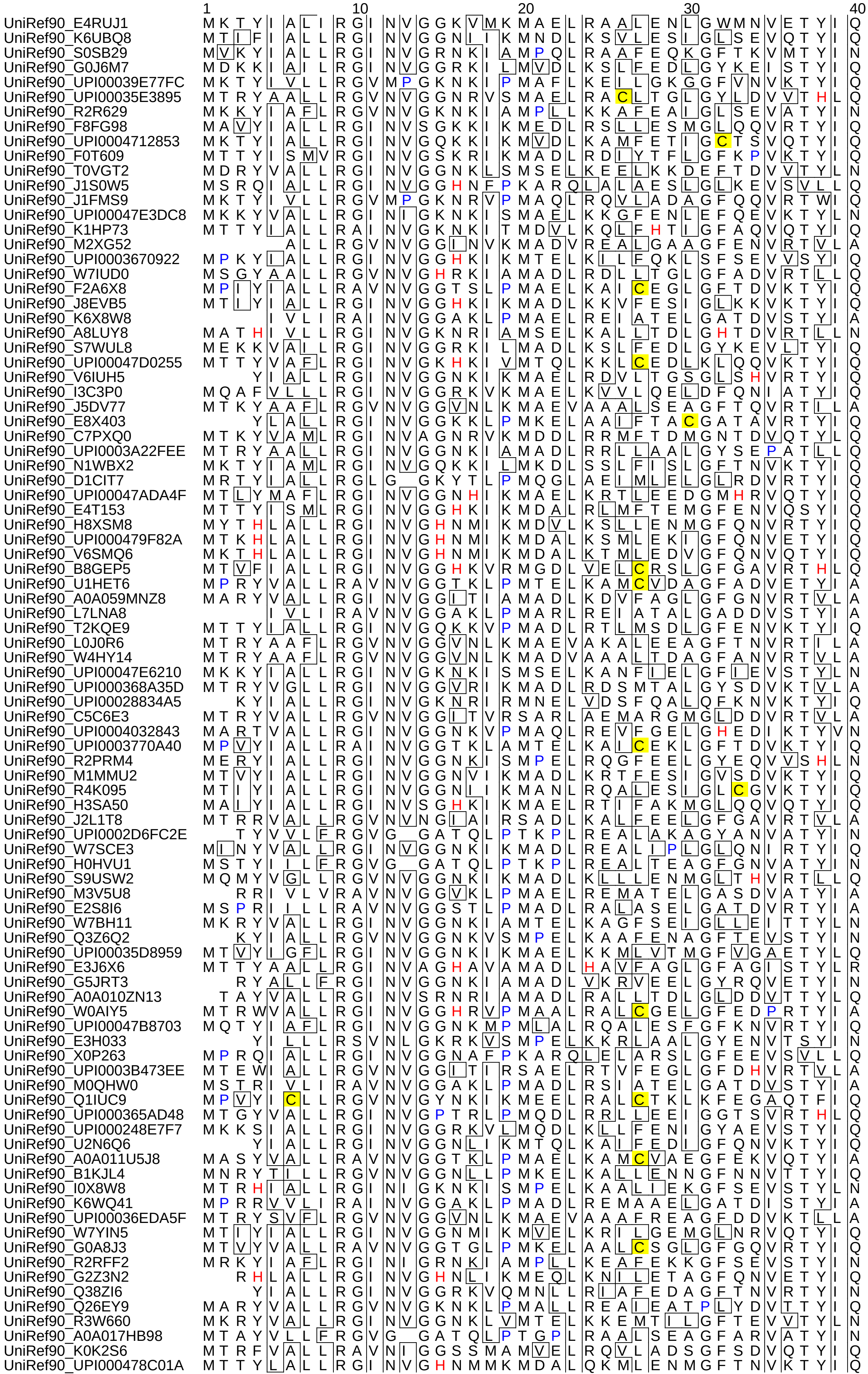

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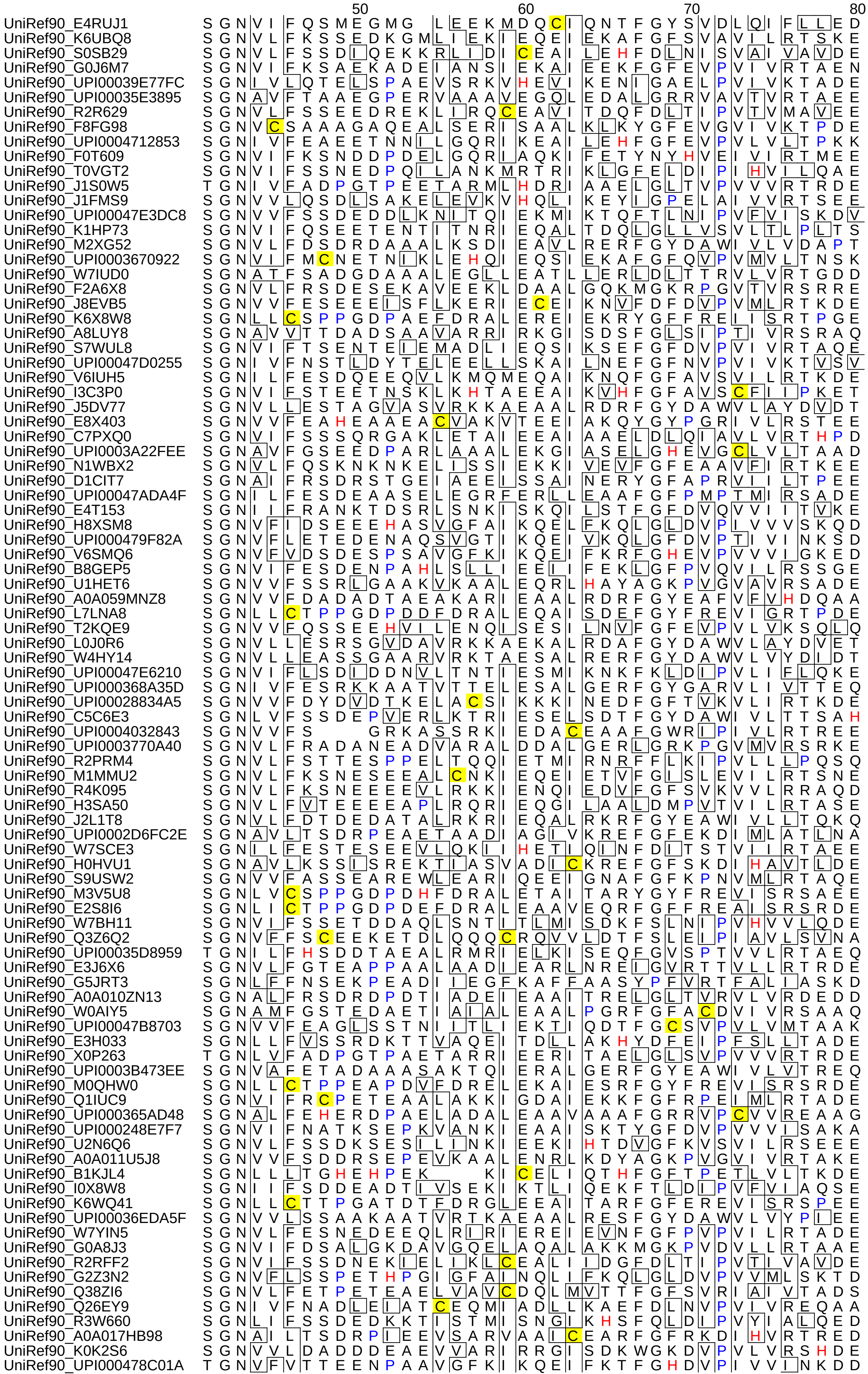

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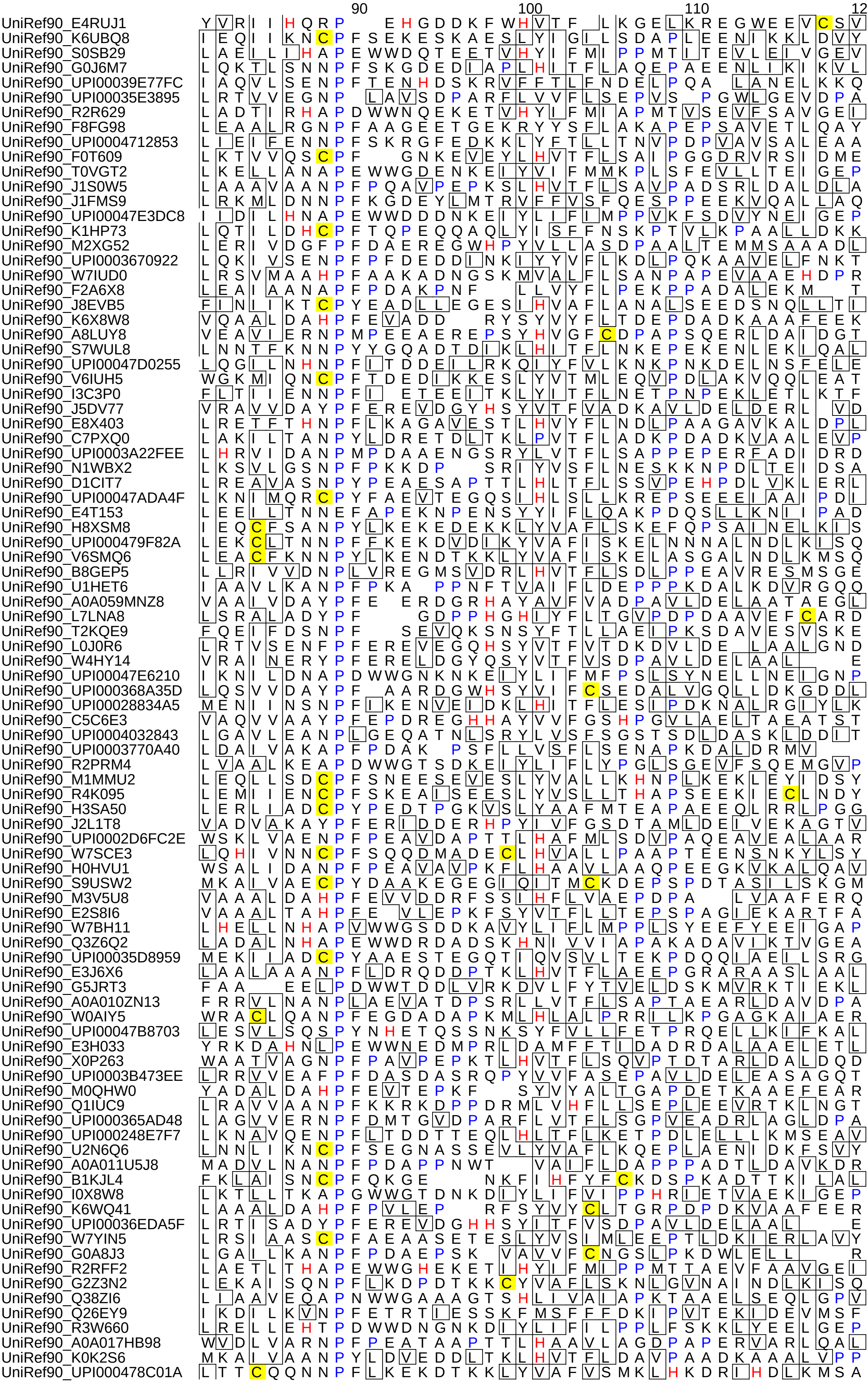

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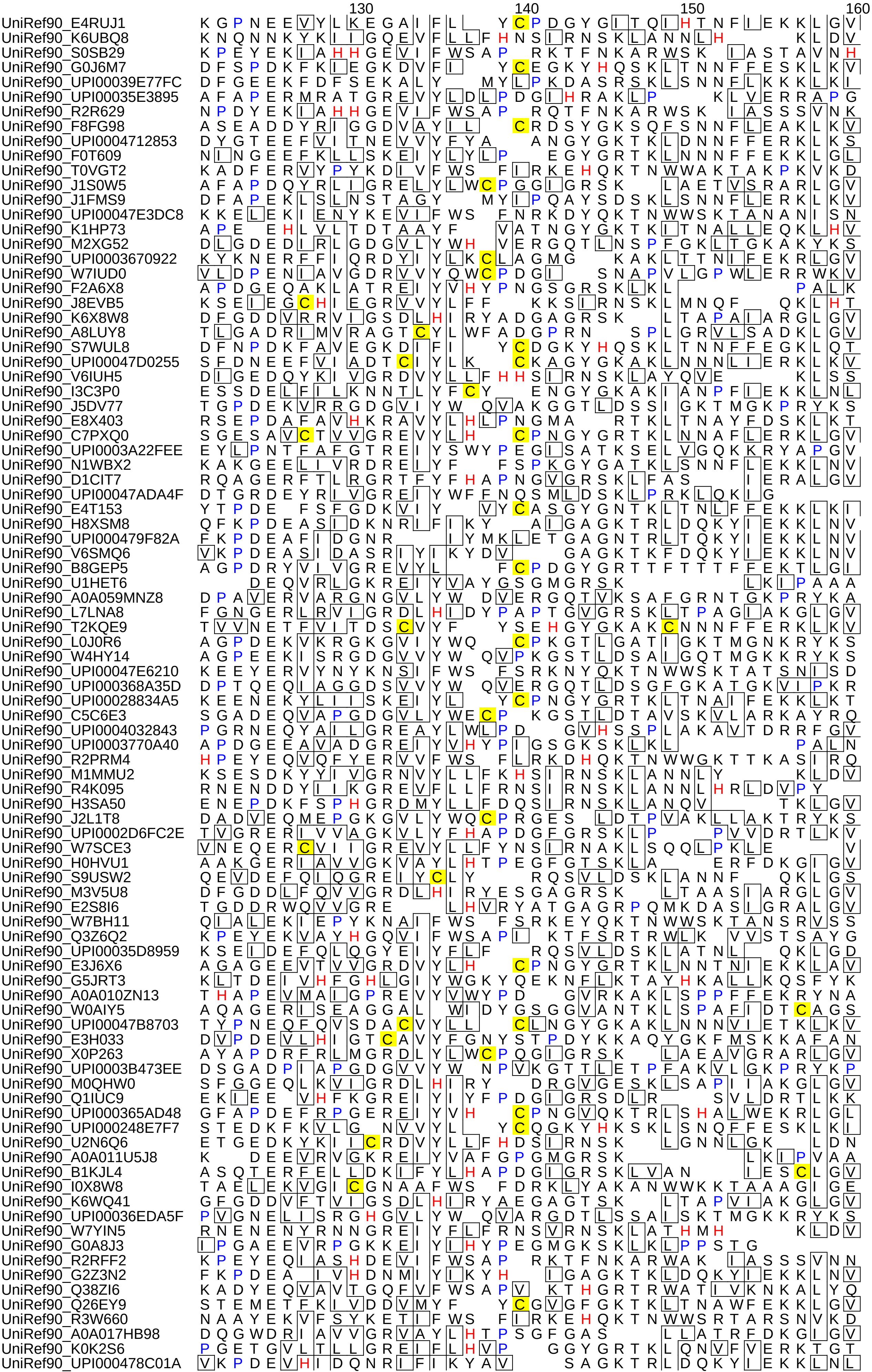

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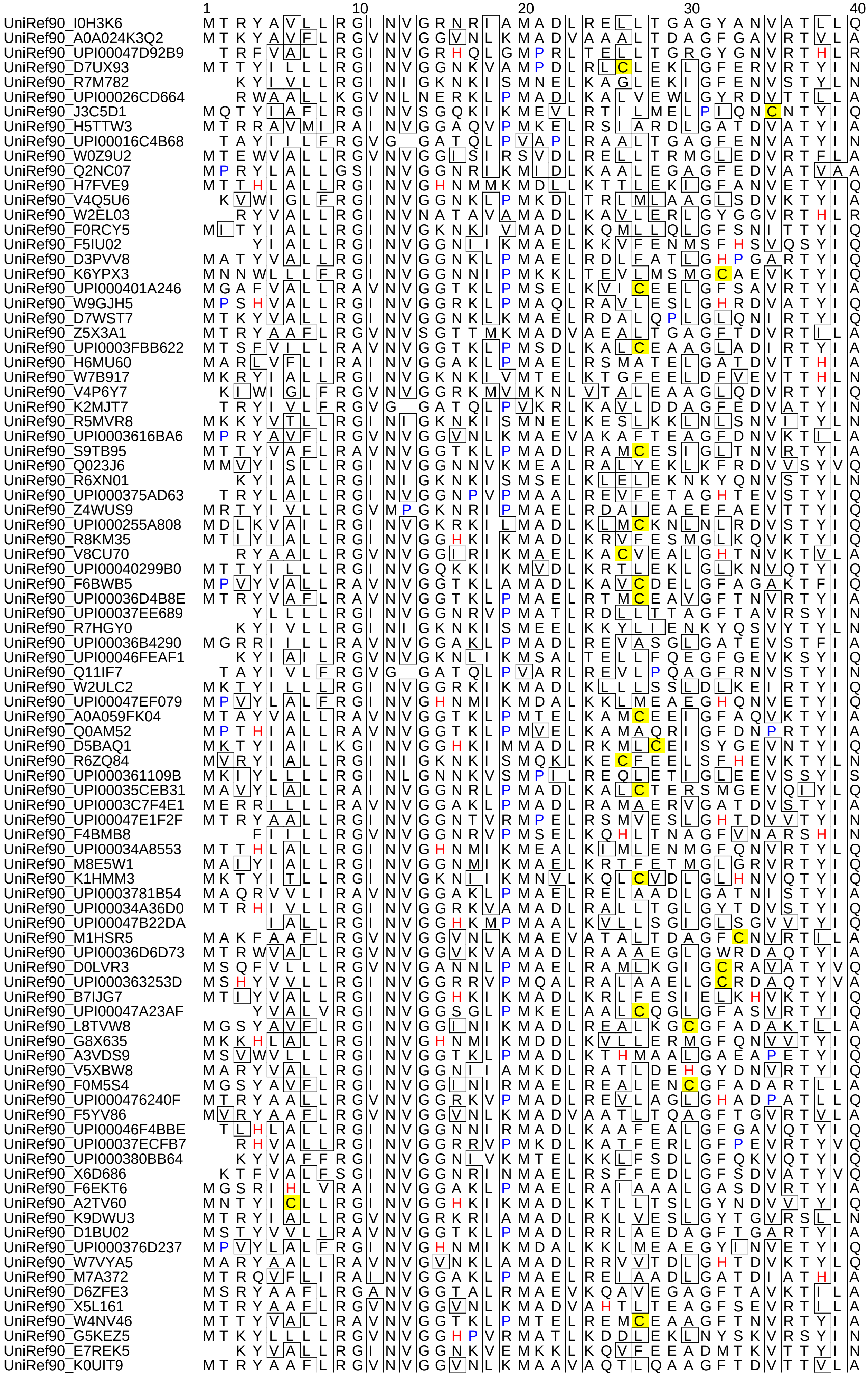

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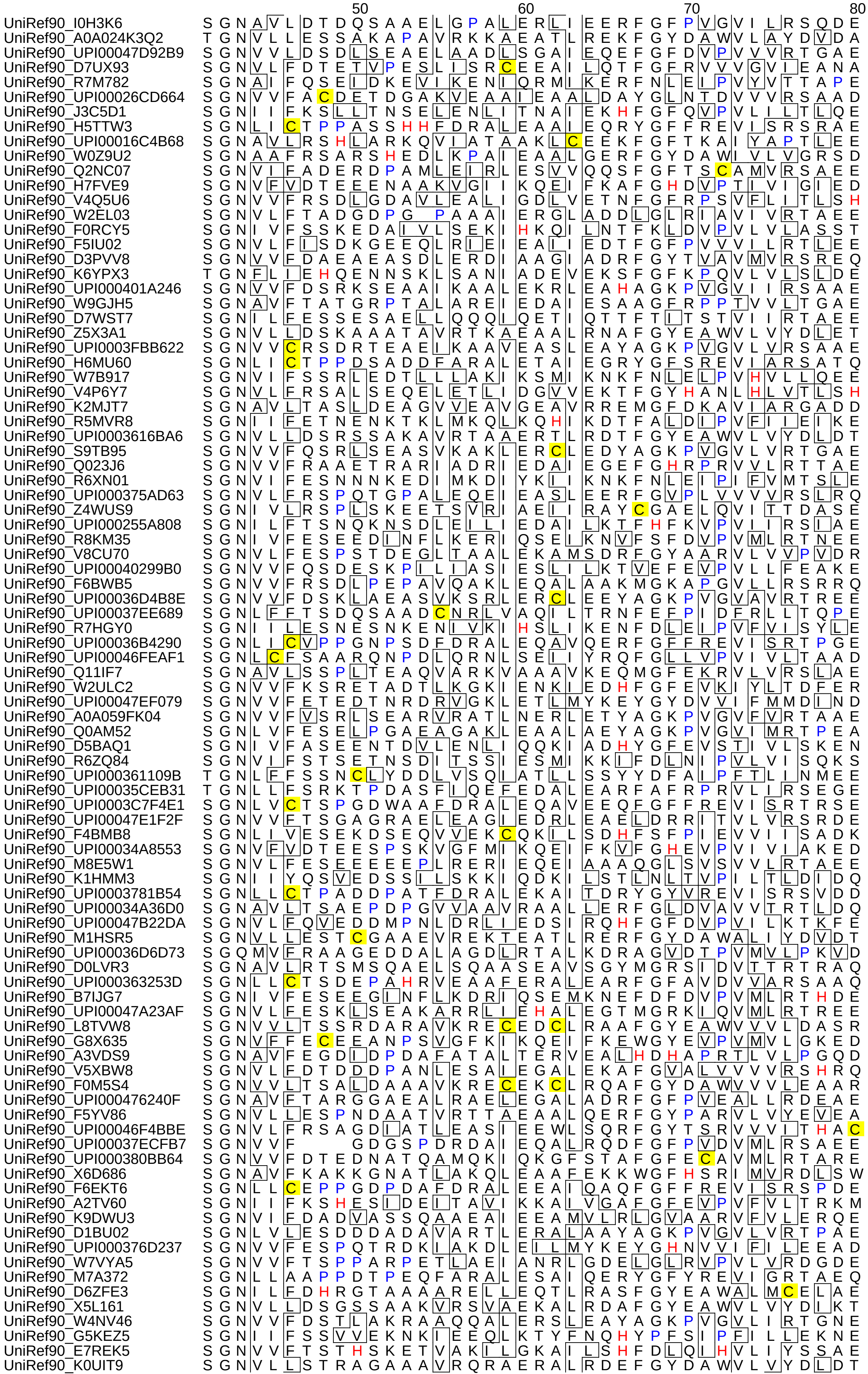

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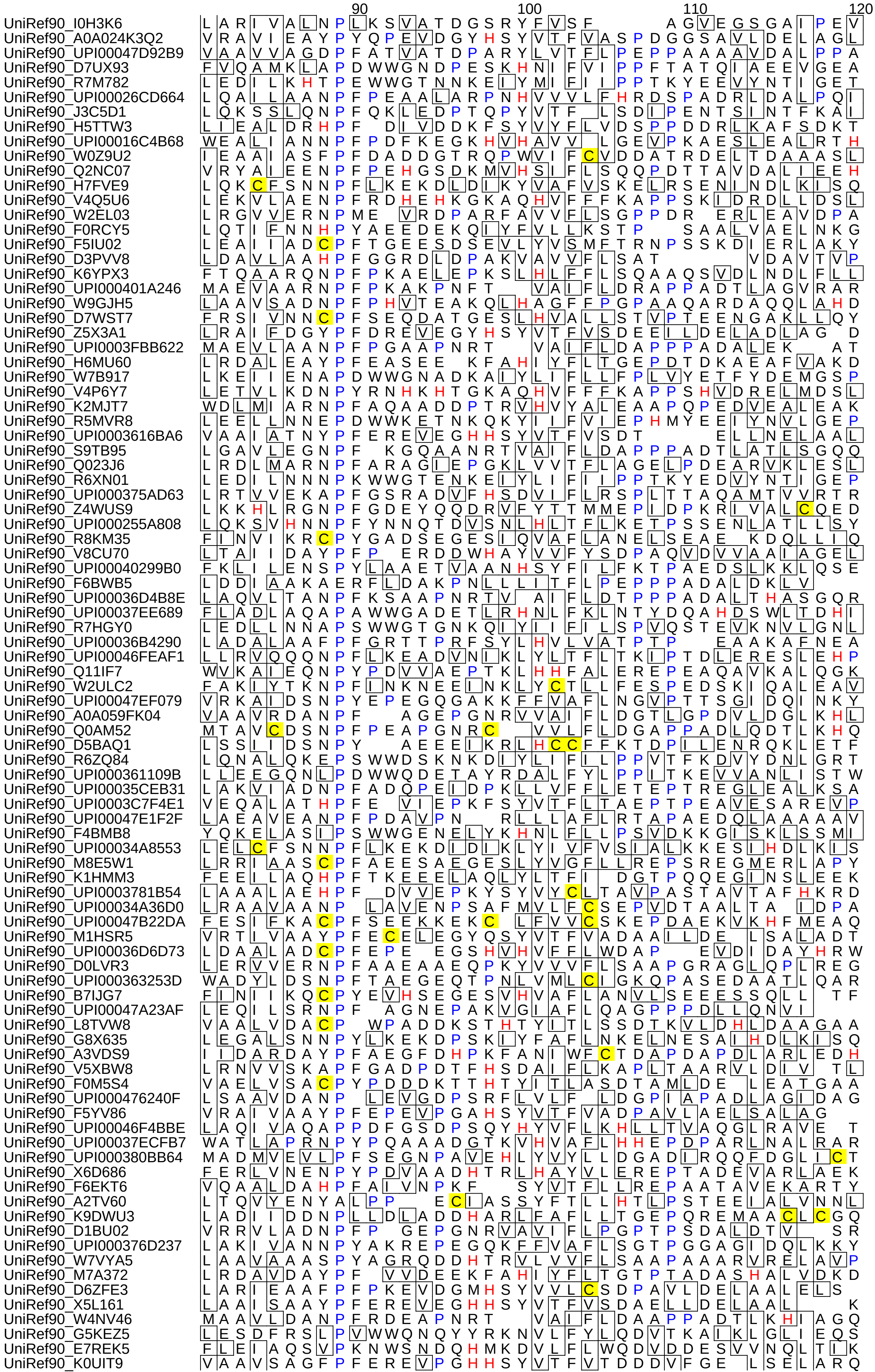

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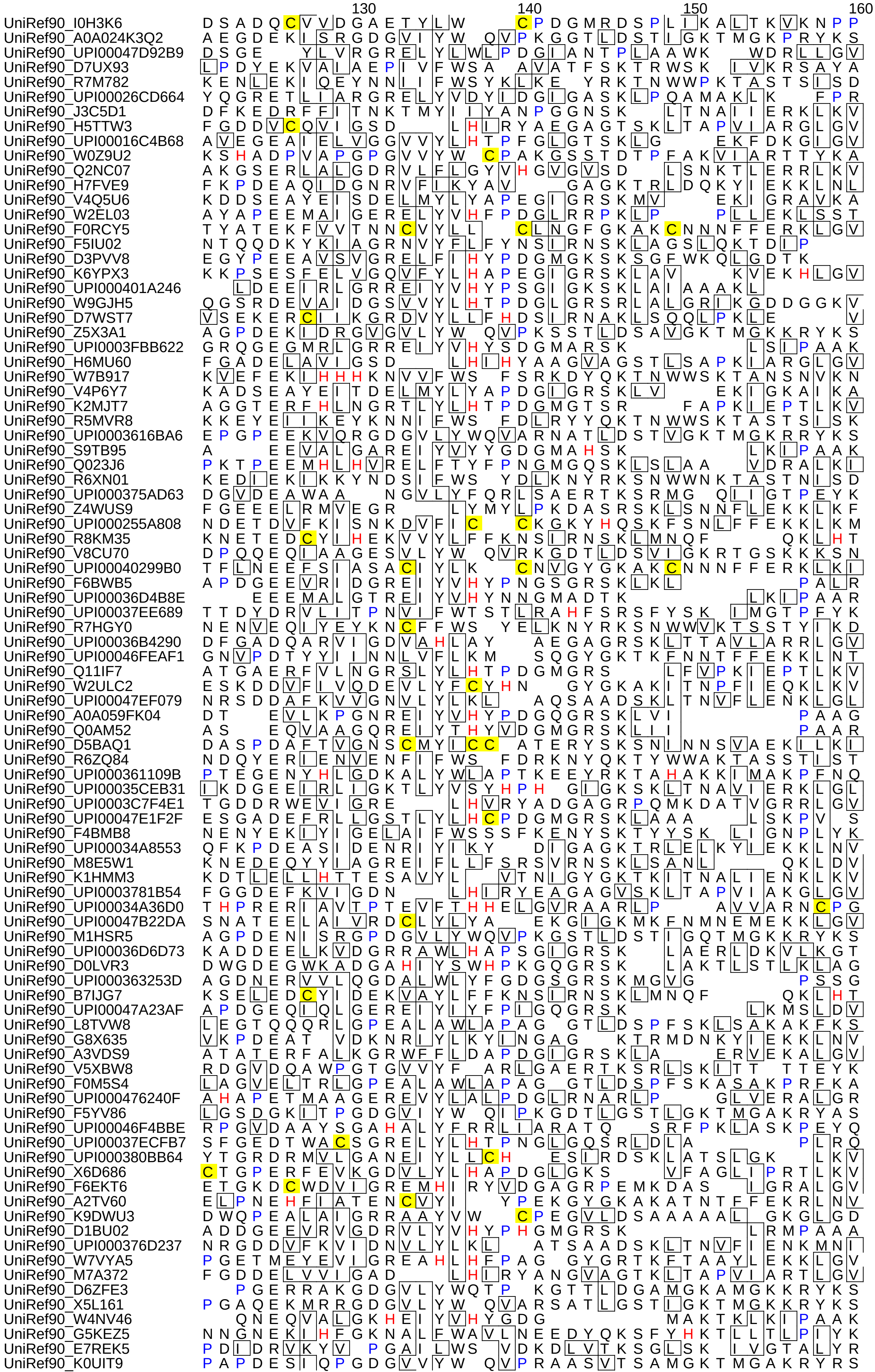

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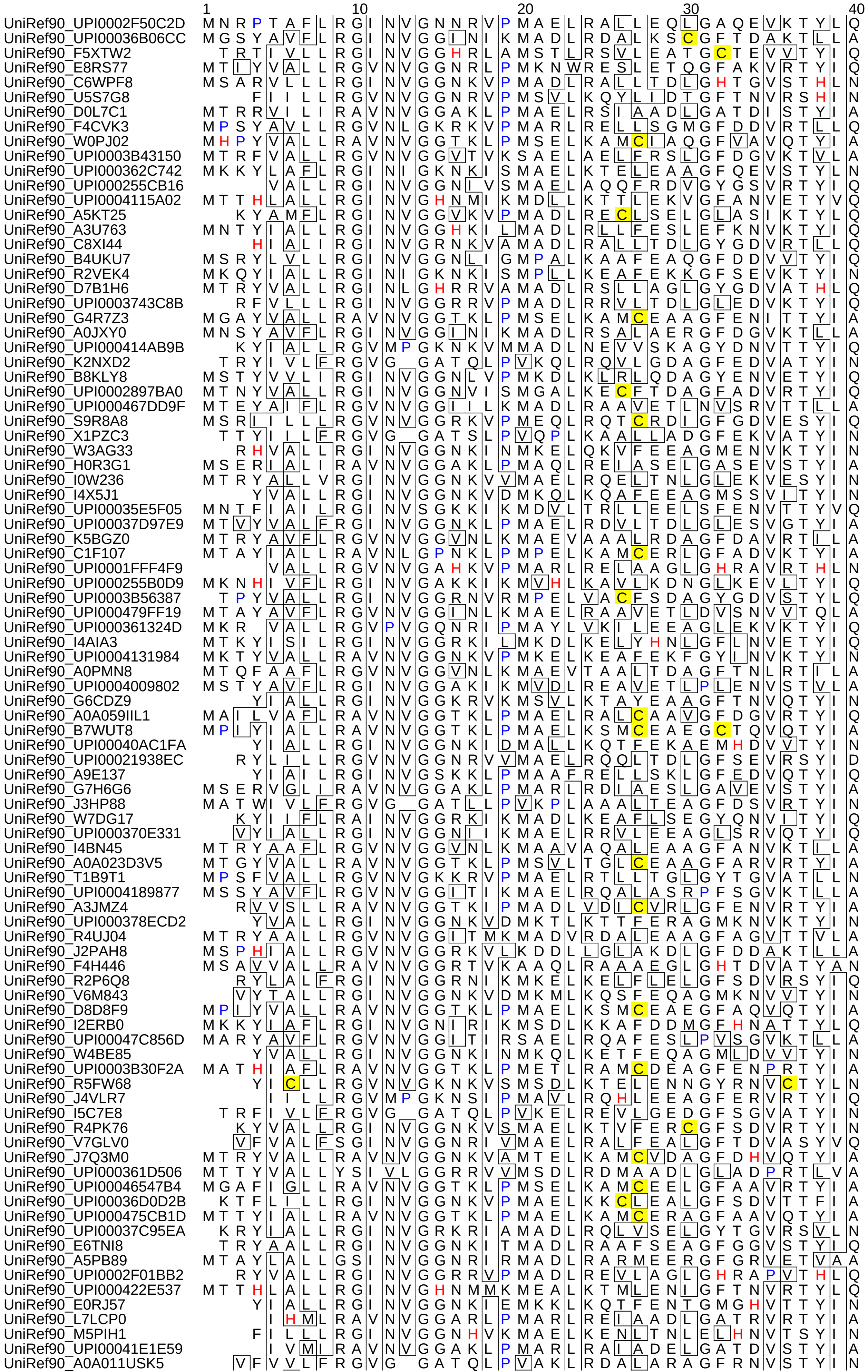

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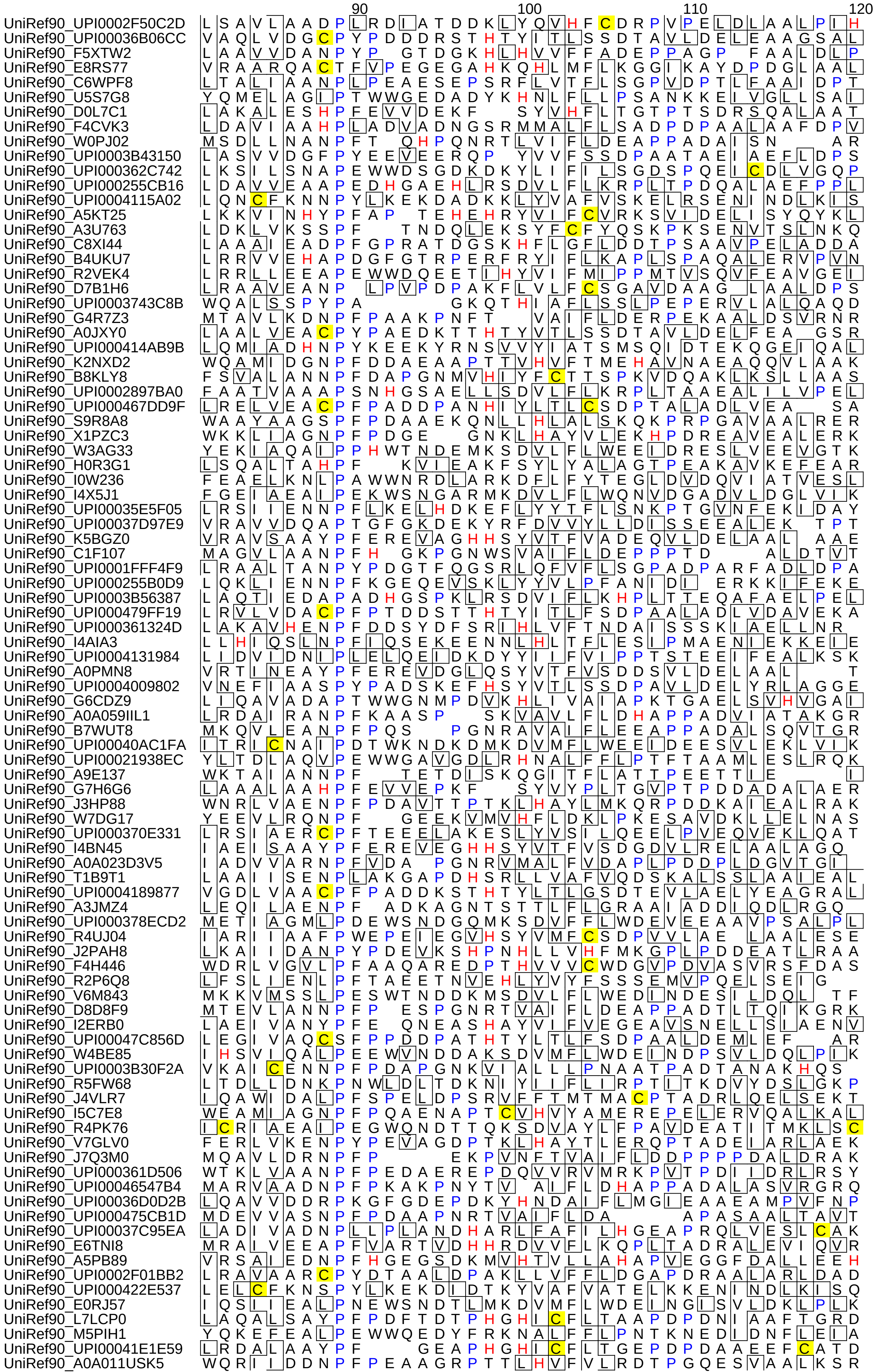

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UniRef90_J3HP88         A A T A R N W N S V L K L Q A L A
UniRef90_W7DG17         R A T A R N W N T V L K M S E K L N
UniRef90_UPI000370E331  P A T V R N F K T L H K L I D L A D
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UniRef90_A0A023D3V5     H G T A R N M N T V G K L A E M A
UniRef90_T1B9T1         A A T T R N W A T V L K L Q A L A
UniRef90_UPI0004189877  S T T T R N L R T M I K V R D A A
UniRef90_A3JMZ4         Y G T V R N M N T V A K L V S M A H Q
UniRef90_UPI000378ECD2  Q M T V R N V N T T R K I L K L M R E
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UniRef90_J2PAH8             T A R N W N T V L K L A A M V
UniRef90_F4H446         V G T A R N W R T V L A L Q E M A R E
UniRef90_R2P6Q8         E L T A R N W K T V I K L A A L L K E
UniRef90_V6M843         Q M T I R N V N T T R K I Y E L M
UniRef90_D8D8F9         Q G T A R N I N T I A Q L V E M A
UniRef90_I2ERB0         T T T V R N I N T L E K M L K
UniRef90_UPI00047C856D  T T T T R N L R T V L K V L A A L R E
UniRef90_W4BE85         Y M T V R N V N T T R K I Y A L M Q
UniRef90_UPI0003B30F2A  R G T A R N M N T L S K V Y S L A
UniRef90_R5FW68         K I T I R M V N T I S K L L E L C K K
UniRef90_J4VLR7         T C T T R N L N T I R R L L S L S R
UniRef90_I5C7E8         E M T G R N W R S M L A L R R L A R
UniRef90_R4PK76         Q M T I R N V N T A R K L A E L V Q
UniRef90_V7GLV0         P G T A R N
UniRef90_J7Q3M0         H G T A R N M R T I A T L V D M M R E
UniRef90_UPI000361D506  V G T S R N W N T V R R L G D M V
UniRef90_UPI00046547B4  T G T A R N M N T V A T L A R M A
UniRef90_UPI00036D0D2B  S M T I R S W N T T V K L L E M L N
UniRef90_UPI000475CB1D  E G T A R N I N T I T K L A A M A A E
UniRef90_UPI00037C95EA  G T T S R N W N T L L K L H G L C
UniRef90_E6TNI8         L M T I R N W A T T S Q M L S I L D
UniRef90_A5PB89         R G T A R N M T S L K R I L G K M E
UniRef90_UPI0002F01BB2  L A T A R N W R T V T K L R E L A G E
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UniRef90_E0RJ57         Q M T V R N V N T T R K L M Q M A E Q
UniRef90_L7LCP0         P G T A R N L R T V T T L I A L A R
UniRef90_M5PIH1         L V S I R N F K T A Y Y L A
UniRef90_UPI00041E1E59  T G T S R N L R T V A T L I D R A
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UniRef90_C1ACH4                 I A L L R G V N V G G K K V P M A E L R A I A E S L G C T D V R S L L N
UniRef90_N1WIQ5             K Y I A L F R G I N V G G N K V E M K K L K V L F E S L G F T E V S T Y I N
UniRef90_UPI000360C386  M T A Y V A L L R A V N V G G T K L P M S E L K A Q C E A L G F S N V R T Y I A
UniRef90_W7GCZ7         M T A Y V A L L R A V N V G G T K L P M T E L V R M C E N A G F R D V H T Y I A
UniRef90_C8S0V8         M T V W V C L L R G V N V G G N R L P M P E F R A L L A D L G L P G A V S H I Q
UniRef90_UPI00037FC2BD    T R Y V A L L R A V N V G G T K L P M S D L R A I C E S V G L T N V R T Y I A
UniRef90_G7CGE1             R Y V A F L R G V N V G G V N L K M A S V A A V F T A A G F S A V R T V L A
UniRef90_UPI00037C4E09    N T Y V V L L R G I N V G G N K V P M A A L K K C L E D L G Y T N V S T Y I A
UniRef90_J8SGK3         M T R Y C A F F A S I N V G G N R L T M A D L R Y A F E R E E F E N V E T V V A
UniRef90_UPI0003B35198      R Y V A F L G S I N V G G N R L K M V D L R D A I E H E G F E D I E T V V A
UniRef90_W0LEN1         M Q T F V L L L R G V M P G R N K V P M V E L R K A L D A A G F I N V R T Y I Q
UniRef90_T5KRL5         M S R S V L L L R A V N V G R N R V P M A R L R E L L T A A E L N D V S T Y I A
UniRef90_UPI00040F6E31      R Y G V F L R G V N V G G I N I K M A E L R E A L T T L P L G S F S T L L A
UniRef90_A7I4B2         M T T F V A F L R G I N V G G N N I P K K E L A V I G E R A G L A G I C T Y I N
UniRef90_W7CPL0             K Y I I F L R A I N V G G N K I K M A D L R D A F L N E G Y N D V M T Y I Q
UniRef90_M3UHJ4                 I V L L R A V N V G G A K L P M E R L R T I A S D L G A T D V S T Y I A
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UniRef90_S1NL92             R Y I S L L R G I N V G G N K I A M P V L K A G F V S L G Y Q N V I T F L N
UniRef90_A3JYQ7         M P A Y A A F L R A V N V G G T K L A M A D L R A M T E A T G A G N V Q T Y I A
UniRef90_UPI000463F66C  M T A Y V A L L F A V N V G G R K V P S T A L R D L A G D L G L A H A R T V V N
UniRef90_L8K542         M K K Y C A F L R G V N V K G T N M K M A E V C K V F Q D I G V K D V S S V L A
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UniRef90_UPI00034DF942  M T R W I A L L R G V N V G G R K V P M A E L R E V V A G L G H T G V A T L L Q
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UniRef90_UPI0003449AA4  M T R Y A A L L R G V N V G G R R V P M A D L R Q V L A G L G H T G A A T L L Q
UniRef90_S6GQY3                     M L R G I N V G G N K V K M A Q L K L L C E S I G F A D I S T Y I Q
UniRef90_B4RHI0         M R P L A V L L R A V N V G G R T L K M D E W R A L L A A E G F E E P E T L L A
UniRef90_U2RTE5         M T A Y V A L L R G I N V G G R N V D M T E L A A L V E G L G N T D V S T H S A
UniRef90_UPI000370254C  M K K   I A L L R G V P V G K N K I P M S Y L V K I L T E A G L A S V Q T Y I Q
UniRef90_A1TH95           S R Y V A L L R G I N V G G N K I S M P D L R A V L E D A G F G N V S T Y I Q
UniRef90_E1R8C0         M N Q Y A A F L K G V N V G G N R L S M A E L R E A M E R H G F S A P K T Y I N
UniRef90_F0SUJ4             K Y A V L F R G I N A G G N I V K M N D L K Q F L L G L E L Q N V Q T Y I Q
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UniRef90_J0NBK8             K Y V A L F R G I N V G G N I V K M Q D L K Q L L L D L G F Q Q V N T Y I Q
UniRef90_UPI00035D220C  M T R Y V A L L R G I N L G H R R I A M A D L R A L A A D L G Y T D V A T H L Q
UniRef90_UPI00046A3519  M S R S V L L L R A V N V S G R S V P M V R L R E V L A A A D L E D V S T Y I A
UniRef90_A9B7E2         M S T   I A F L R A I N I T N H F V K M E E L R D V L V A H G F S N V Q T Y I Q
UniRef90_K2EC26             K Y I A L L R G I N V G G N K V E M K K L K V L F E L L S Y T N I Y T Y I N
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UniRef90_UPI0003625EC4        H V V L L R G I N V G G I N I K M V D L R Q A L S Q A G F E P V R T V L A
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UniRef90_J2SPL7             K Y C A F L R G V N V K G T N M K M A D V C Q V F K E A G M Q D V S S V L A
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UniRef90_B3E605             K Y V A L L R G I N V G K N R I E M K S L K S L F E T H G Y G N V S T Y I N
UniRef90_H6LHM1             V Y V A L L R G I N V G G N K I A M K Q L K E T F H R L G L E S V V T Y I N
UniRef90_A6TN65               Y V A L L R G I N V G G N K I D M K L L K E T F V R I G M E S V V T Y I N
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UniRef90_C5NY65                 I A L L R G V T P G K N R I P M S F L V E I L E K V G L K K V K T Y I Q
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UniRef90_A0A010NPV3     M S R R I I L L R A V N V G G T R L P M A Q W R S L A E S L G A T E V T S Y L A
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UniRef90_M7EGR7         M A K K I I L L R G V T P G K N R I P M S D L V E I L E A V G F L S V K T Y I Q
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UniRef90_UPI0004660C4E  M R T Y I A L L Y S I V L T Q R R V V M A D L K A M A E G L G F A N L R T L A A
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UniRef90_W7BD34             K Y I I F L R A I N V G G N R I K M A D L R E A L T S E G Y R N V S T Y I Q
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UniRef90_K2GY29         S W N V L F K S Q E D I A T L E K D I E A W L S E K F N Y S A R A L V R S R N E
UniRef90_C1ACH4         S G N L V Y R T R L K P D A A A L S L H D G I L D V L G V D S R V F V R T P A Q
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UniRef90_C8S0V8         S G N A V F R A A E A P E V L A A R I S H G L A R R F G I A T P V L L R S L A Q
UniRef90_UPI00037FC2BD  S G N V V F E S R L A E A T V K A R I E S G L Q A Y A G K P V G V L I R T G P E
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UniRef90_UPI00037C4E09  S G N V I L E S K K R P A K V Q A E I E A A L L K S F T L D S E L I A L S R E Q
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UniRef90_UPI0003B35198  S G N L L F T H D E R P S D I A E K M A F I L H D R F G I R S F A A I R N R A E
UniRef90_W0LEN1         S G N V V L Q S N N D D P T I Q K Q V H D I I T Q E I G A D I S V I A R T H E Q
UniRef90_T5KRL5         S G N I I C E T P E H P A A T C A A V R M A I H D E F G V D T P V I H R T H A Q
UniRef90_UPI00040F6E31  S G N I V C T A D A S A P E L K A M M E S L L R E R F G Y D A W V V V F S L G Q
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UniRef90_W7CPL0         T G N I I A E H E E T N H E T I Q K V E R F I K H H F D L D V P V V A F H V T E
UniRef90_M3UHJ4         S G N L L C T P P G D P D S F D R A L E Q A I S D E F G Y F R E V I S R T P D E
UniRef90_R5SZ12         S G N V I L D S D D S K E N V A S N I N T L I K R H F N L D I P V Y V I T Y H E
UniRef90_U2IWC3         S G N I L L R S E L S A E A L S I R I H D L L A E H Y G A D I A A L V F R P E E
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UniRef90_UPI000465F67B  S G N V V F K A D L G E T V V Q A K L E A Q L R G Y A G R P V G V A V R T G P E
UniRef90_S1NL92         S G N I I F T A N E D P A L L T Q Q I S A M I H E R F G L E I P V L T I L Q E D
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UniRef90_UPI000463F66C  S G N L V V A P A S S P D D V A R L V R R G V A E R F D V D T A V A V L T A E R
UniRef90_L8K542         S G N I I F S S D D S A E N L K T K L E K K L S E Y F D Y E A F L F I R N E A E
UniRef90_E6WPR0         S G N V V F D S D A S P A K V K A A L E R R L L G Y A G K P V G V L V R S P A E
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UniRef90_UPI00045E6207  S G N V V C T F A G S S A D L K E M V E R A L R D G F G Y D A W V V V L T A E R
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UniRef90_J4XCN1         S G N I V F L S D K V R N E I A P K V S Q L I K E H I G P D L S T V V A T R K E
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UniRef90_S6GQY3         T G N V L F S S R E T S L I L Q Q Q L E Q A L L S E F G F K L A V T I R S I E A
UniRef90_B4RHI0         S G N A V V I S A E P A A A V E D K V A A A L Q R E L G L A A E A F V R D L G Q
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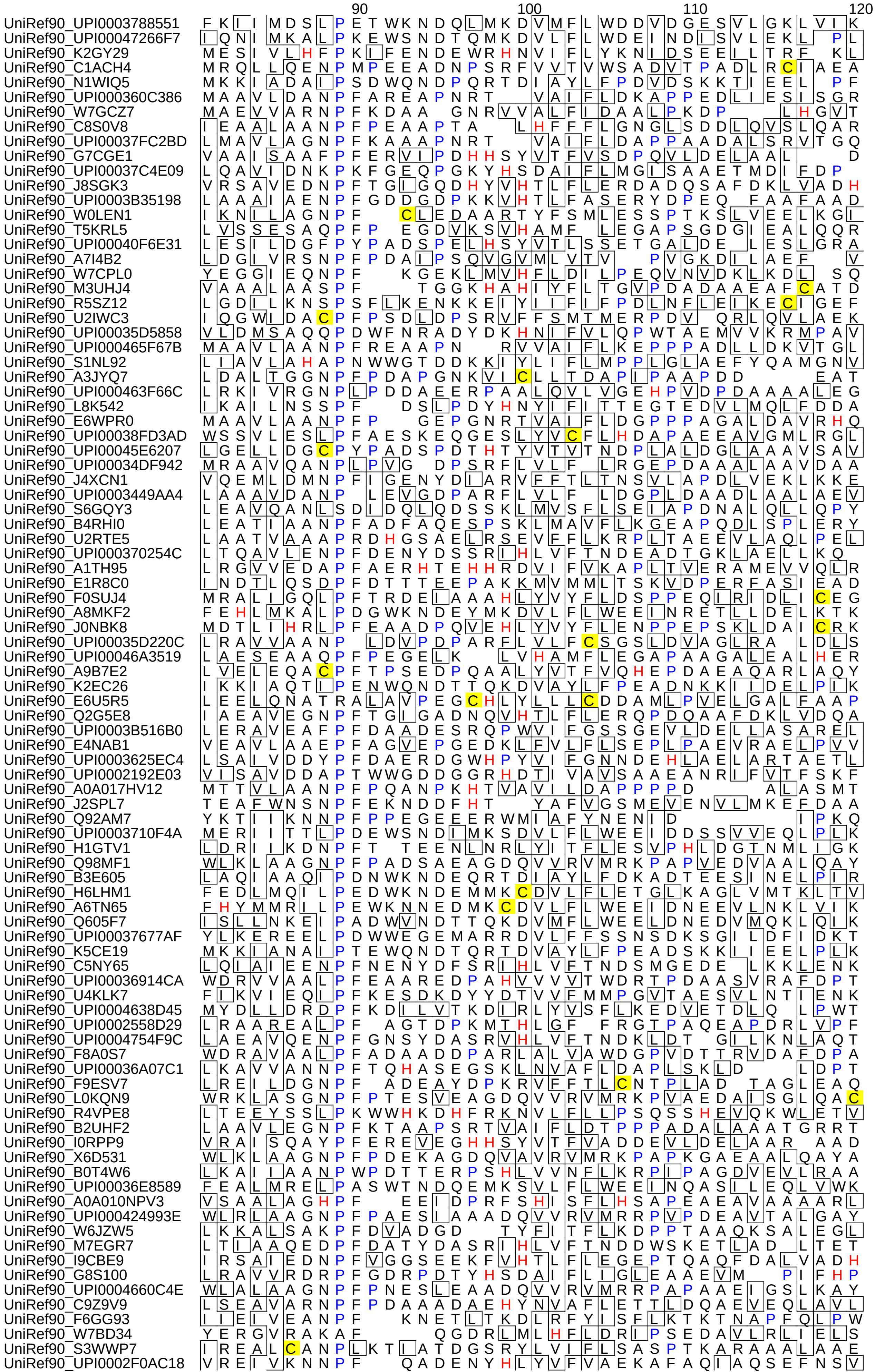

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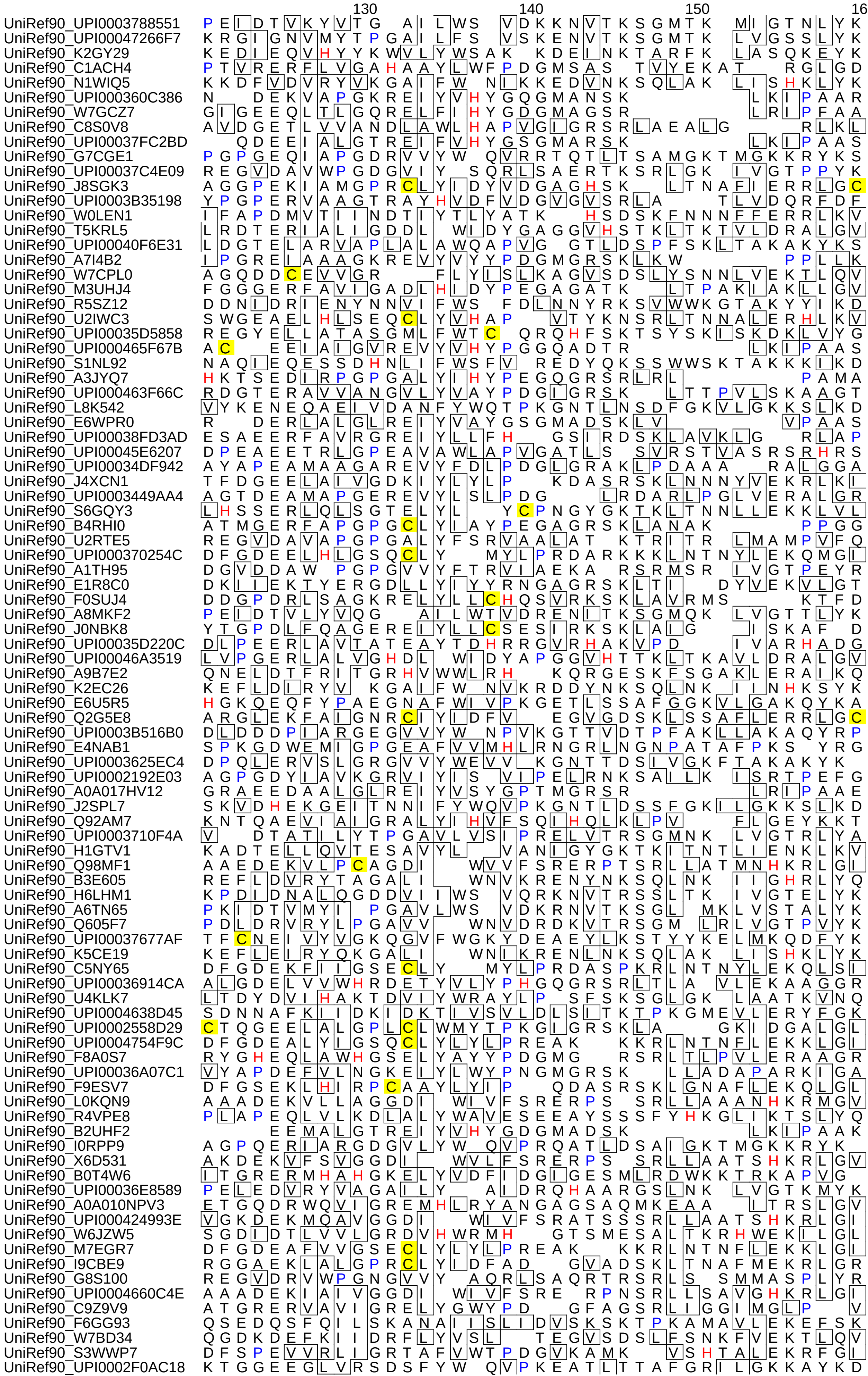

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UniRef90_G7SBW5         M K K   V V L L R G V P V G K N K I P M S H L A E I L T E V G L T S V Q T Y I Q
UniRef90_E6QKM5               H V A L L R A V N V G S T K L P M P V L K H V C D Q A N L Q H A R T Y L A
UniRef90_W7BFH5             K Y I I F L R A I N V G G N K I K M A D L K E A F H S E G Y P N I T T Y I Q
UniRef90_E8ND27         M P R T V A L I R G V G   G P T A M K M A A L R E V L A S A G L G E V E T L Q V
UniRef90_Q484W6         M E K Y V I L F R G I N V G G N L L P M K A L V P L L E E A E F E E I S S Y I Q
UniRef90_UPI0003B3591B      R R V V L V R A V N V G G T T L P M A L W R D L A A S L G A S D I V T Y I A
UniRef90_B1ZPA6         M A R L V A F L R G I N V G G H R V K M D A L R G H F A A L K L R G V E T F I A
UniRef90_UPI0003B4CD81        H V A L L R S V N L G K R K V S M A A L R A L F A D L G Y P G A R T Y I Q
UniRef90_UPI0003B6150F  M T R L I A L L R G V N V G G R T I K S A E L A D V F R G L G Y D S V K T V L A
UniRef90_B4SKC6         M S V H V A L L R A V N V G G T K L P M V E L V A M C E D A G F T D V R T Y I A
UniRef90_G4L918         M N N Y V I Y L R G I N V G G N K I K M A D L R L V L D A T G F N Q V K T Y I Q
UniRef90_UPI0004084D76  M T R Y A L F L R G V N V G G V N L K M A E V A A A L T A A G F S E V R T L L A
UniRef90_F8WYZ2             V Y I A L L K G I N V G G N I I K M S D L K L M F A N M G I S D A I T Y I Q
UniRef90_W7D083             K Y I I F L R A I N V G G N K I K M L D L R E I L T A N A Y K N V T T Y I Q
UniRef90_C8N7D2             T F I A F L R G V M P G K N A V K M A D I R R V L S D S G L Q N V R T W I Q
UniRef90_D9QHQ1         M D H R I I L F R A M N T G G V R A P V T E Q R A M A G A M G L N N P R T L L A
UniRef90_W0V2J0                 V A L L R G I N V G R K R V A M A D L R K L L G D L G Y T D V R T V L N
UniRef90_UPI0003607BD7  M T T Y V A L L H S I V L G G R R V V M S D L R A T V E S I G F R S P R T L V A
UniRef90_UPI0003B57AF9        Y L A F L R A I N V G G R I V K M D A L R A L F E A M K L Q E V E T F I A
UniRef90_T1AMA7             V Y V A L L R A V N V G A N K L P M P T L V E L C R D A G C E R V R T Y I A
UniRef90_D0WJZ7                 V F F L R G V N L G A R R V S M P L L R E L V A K F G L E R V R T H L Q
UniRef90_UPI00047A3695                      M N V G G Q R I K M V D L R N I F E S L N F K N V K T Y L Q
UniRef90_V6S0P6                                         M I K M E D L K A L L E R M G F A N V R T Y I Q
UniRef90_R7WL79               Y V A L L R G V N V G G V T L R S A D L R A T F S A L G F G G V R P V L A
UniRef90_R9C6U6               Y V A L L R G I N V G G N K I D M K L L K E T F I L A G M E S V I T Y I N
UniRef90_B9XNZ7         M I R Y V A L L R G I N V G G H K V K M E G L K K S F E A V G F E K V K T V L A
UniRef90_I3X812         M K S Y V A L L Y S I I L G G R R V V M A D L R Q M A E R L G Y R S P R T L V A
UniRef90_D1BKW5         L T T A V V L L R G V N V G G R K V P S A D L R A I G E T A G W T R V T T I L A
UniRef90_Q9A6I6         M S P H I A L L R A V N V G G R K V L K D D L L G L A T D L G F D D A K T L L A
UniRef90_M7NJ37         M D F Y A V F L R G V N V G G V K V L M Q E L S A L L H D A G F S H V R T F L A
UniRef90_B9JFG5         M T T Y V A L L H S I V L A G R R V V M S D L R E M A E D L G F T N V K T L V A
UniRef90_K4PRJ0           N K K I A L L R G V P V G Q N K I P M S Y L R E N L E T A G L Q F V Q T Y I Q
UniRef90_D5VFS3         M S P Y L A L P R S I N T G K R K V L K E D L L G V A Q D A G F K S A K T Y L A
UniRef90_UPI00037A6B1D  M Q K F I L L F R G V N V G G N L L P M K A F V S L L E D N A Y Q A V S S Y I Q
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UniRef90_M5ESL2         M R T Y V A L L Y S I L L S G R R V V M A D L K A M A E G L R L K N P R T L V A
UniRef90_UPI00037D194E  M T V F V V L F R G V G   G A T Q L P T A A L R A A L A E A G F E K V A T Y I N
UniRef90_C2FUY4           P T H C A F L R G V N V K G T A M K M A D V C A V F E K A G V K N V S S I L A
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UniRef90_D5UHI6         M T V M V A L L R G V N V G G S T V P M A D L R R V V A D A G Y R D V R T Y V N
UniRef90_A4CM91                                               M K E L R E A L E A D G F A A V R T Y I Q
UniRef90_H1D7P5         M K V   I A L L R G I T P G K N R I P M S Y L A Q I L Q E A G F Q N V K T Y I Q
UniRef90_F0S8S2               Y C A F L R G V N V K G T N M K M A D V C R V F E D T G M D K V S S V L A
UniRef90_UPI00037C0DCC      R Y A L L F R G V N V G G R R F P M S D L R A A L E G A G F S D V S T Y L Q
UniRef90_K6TVB4         M D T Y V A L L R G I T P S N P N M R N E K L R E V F E D I G Y Q N V Q T V I S
UniRef90_F6BWD6         M K A Y V A L L H S I V L G G R R V V M A D L K A M A E A L G C R A P R T L V A
UniRef90_UPI00029B42F6            V L L R G I N V G G A R I A M A D L R A C T T D A G C A E V A T V L A
UniRef90_X6L1C6           T P Y A A F L R A V N V G G T K L P M A D L R A L I E G I G G R Q P R T Y I A
UniRef90_M2CLV8               Y I A L L R G I N V G N V K I N M K E L K I L F E Q C G F S N V S T Y I N
UniRef90_UPI000364CDA0        Y I A L L R G L N V P G R S V K M E R L R G L F T E L G L A S V R S Y I Q
UniRef90_UPI0003B57449      R H V A L L R G V N V G G N R L P M A R L R E V A Q E L G W Q D V M T Y I Q
UniRef90_UPI0003FFBD6D  M K T Y V A L L H S I V L G G R R V V M T E L R E M A E R L G Y R M P R T L V A
UniRef90_UPI00046781CF          I A L L R G V T P G K N R I P M S F C A E V L E N A G L K S V K T Y I Q
UniRef90_UPI0004412E75      T W A V F L R G V N V G G N R I T M D K L R A C L E R A G Y G P V Q T V V Q
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UniRef90_F0L638             T Y V A L L H S I V L G G K R L I M A D L R E M A Q D L G F E E C R T L V A
UniRef90_W6VWV2         M I T Y V A L L H S I V L G G K R V V M A D L R A M A E E L G C R N C R T L V S
UniRef90_G2ZB23         M K N Y V A L L R A V N V G K N K I N M K E L S V A I Q N A G F T N V K T Y I Q
UniRef90_C6X5R2             K F C A F L R G V N V K G T N M K M A D V C K V F A D A G M T D V S S V L A
UniRef90_E6J7Z2             R K I A L L R G I N V G K S R I A M A D L R E C T E A A G C A D V K T V L A
UniRef90_UPI00047B1DCB        Y A V F L R G V N V A G T T M K M A D V K H A L A A L P V S A V Q T L L A
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UniRef90_V6RVL3                                               M D A L K T L L E N A G F H N V Q T Y I Q
UniRef90_K2NW82             R Y C A F L R G I N V G G I K F K M T D L K Q E F E A A G F T D V A T V L A
UniRef90_D3UP71         M K N Y V A L L R A V N V G K N K I N M N E L K T A V Q N A G F T N V K T Y I Q
UniRef90_UPI0003651FF3                                        M A E L R Q L I A G L G W T D V R T Y L Q
UniRef90_A6G9X9             R F L A L L R G I N V G G N K V P M Q I L R E L F E G A G A T E V S T Y I Q
UniRef90_W1Q652         M K K   I I F L R G V T P G T N R I P M S Y L V E I L T E V G F L N V Q T Y I Q
UniRef90_K1E056         M T R Y V A L L R G I A P A L P H N S N A E L R A V H E G L G L Q R V G S V L A
UniRef90_UPI0003B6FBC6    T D Y V V L L R G V N V G G R T L K M A D V R A A L A E G A F P G A R T V L A
UniRef90_A4AIK6         M T K Y V A L L R G I N V G G N V I S M K S L I D C F S A A G F D G V R T F I Q
UniRef90_V4R8N7         M T T Y V A L L Y S I I L P K G R L V M T D L K D L A E K L G L E N P R T F L A
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UniRef90_UPI000349A827      R Y L A L L R G V M P G K N R I P I S D L V I Y L S E A G L Q R V S T Y I Q
UniRef90_G7GRS4                                               M A E L R E V A E T L G A S E V S T Y I A
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                                          50                  60                  70                  80
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UniRef90_R0EDU2         S G N L L L W G E D P G P A L E A R L E D A L A D R I G L R T D F M I R S P A E
UniRef90_UPI00036C95E2  S G N V I L E T A L S D E T I R K L V H D T I L E K I G A D L S V I I K T P A Q
UniRef90_F6FPH1         S G N L V V T A P E G A P D V A A K V S A A L A E R V G T E V P A V A L D A A R
UniRef90_V5WKK8         S G N I I L S S S H T G R E L T G T I E T I L Q R D F S V D T R V L I L R G S K
UniRef90_U2A2P1         S G N V V L Q S E L G P D E V K S R F E E C L R E S F G Y D A W V V V L T A A R
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UniRef90_G7SBW5         S G N V V C E T D I L D E E L S R L I H Q T I K E K I G A E L A I I V K H Q M E
UniRef90_E6QKM5         T G N V V F Y S E R S E T E I K A A L E T R L D E F A G K R I E V L V R T A D E
UniRef90_W7BFH5         S G N V I E R E E T N H E A I Q Q E V E A L I K K H F D F D V P A V A F N L S E
UniRef90_E8ND27         A G N V V L D A D R S P D D I A A T M R D A I R G G F G F D L P V L V R S H A E
UniRef90_Q484W6         S G N V V L K S S T N P A D V       I H K L V M D N F G F S P E L F I L N E A E
UniRef90_UPI0003B3591B  S G N M V C S V P G D G Q A F D R G L E Q A V E Q R C G F F R G V V S R T P Q E
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UniRef90_UPI0003B6150F  S G N V V F E T D E S V S V A R A H L E K A L A D A F G Y D A K V H V L D T A S
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UniRef90_F8WYZ2         S G N I L F T S E D T E E A L G T K I E A F I F E T F G L N I A V I L R T L S E
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UniRef90_D9QHQ1         S G N L V V E S D R D P A G L E A A I E A E T E V R F G R R I E T L V R T P A Q
UniRef90_W0V2J0         S G N V V F G A G G P P A E S A I R I E E A L V L K L G V A A R A T V L D A A Q
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UniRef90_UPI0003B57AF9  S G N V I F R S R S D A A A L E K R I A T G L H K A L G Y E V A T F L R T N A E
UniRef90_T1AMA7         S G N A L F T S R L G E R R I K A L L E E R L R A H L G K P I G V M V R T G A E
UniRef90_D0WJZ7         S G N L L C A P P A G P Q D F A D G L T K L V R E W F G V D S P V V Y R T A A D
UniRef90_UPI00047A3695  S G N V V F D Y E S S D G E I S I A I E K K I N E I L G L S V N V I I R T D E E
UniRef90_V6S0P6         S G N V F I D S E E D G P S V G F K I K Q E I F K E W G Y D V P I I V I T K E D
UniRef90_R7WL79         S G N V V F E S P E T D R A L A E H I T D A L R A G F G Y D A W T L V L D L E T
UniRef90_R9C6U6         S G N V I F T D K H T K S E I A E F L E E A I F R D F Q L N I K V L I R S Q N D
UniRef90_B9XNZ7         S G N V L F E S V E S D E G V V S K I G A H L K K D L G H E V G V L V R S M E E
UniRef90_I3X812         T G N L I F E A P V Q P A D I E S S L E E A F L E T F G R H V D I I V R S A D G
UniRef90_D1BKW5         S G N L V V S A P R T E A E V A A L V H G G L L D R L G L D V D V V V V S P E T
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UniRef90_L8DHK1         T G N V V L E S P L S S D A L K S T V E S V L A E A F G Y Q A W V I V S D V A T
UniRef90_M5ESL2         T G N L V F E A K E T E A A L E G R L E T A F E K T F D R H V D I I V R S A D D
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UniRef90_F0S8S2         S G N I I F S S G D N T D N L K S I L E K A M S S R F N Y D A S L F I L S E L Q
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UniRef90_K6TVB4         S G N I L F E T S R N V E E L E T T I E Q A L L K Q L G F T K T A I V Y S K D D
UniRef90_F6BWD6         T G N L L F E A P E K P A E L E A E L E K A F E K T F G R H V D I I V R S A E D
UniRef90_UPI00029B42F6  T G N I V V T D P R G G S E L R A A L E P A Y A K R F G Y N A L V L V I D R N Q
UniRef90_X6L1C6         S G N A V F T H Q A E A A M V Q S A L E A A L Q E Y A G R P M P L L L R T P A Q
UniRef90_M2CLV8         S G N V L F K S N D K K N S I T E N I E K V L H I M T G N E V K V L V K T K S E
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UniRef90_UPI0003FFBD6D  T G N L V F E A S E K P A E V E T E L E K V F A A T F G R H V D I I A R T A E G
UniRef90_UPI00046781CF  S G N I I F S T E K N E S E I R K L I H D T I L E K I G A N L S V I T K N K K Q
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UniRef90_W6VWV2         T G N L V F E T G R S P G D L E Q R L E S A F E K R F G K H V D I I A R T G A D
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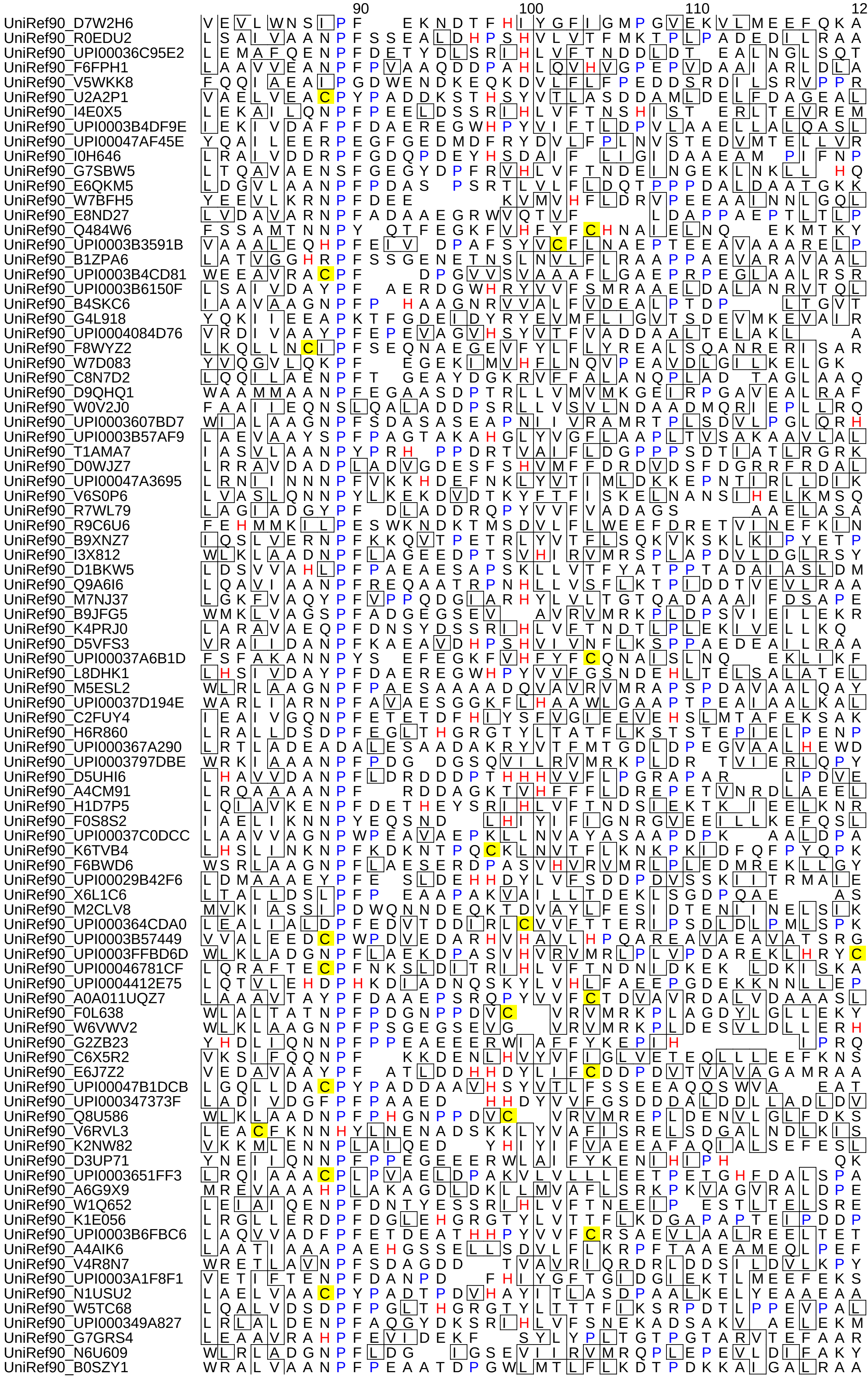

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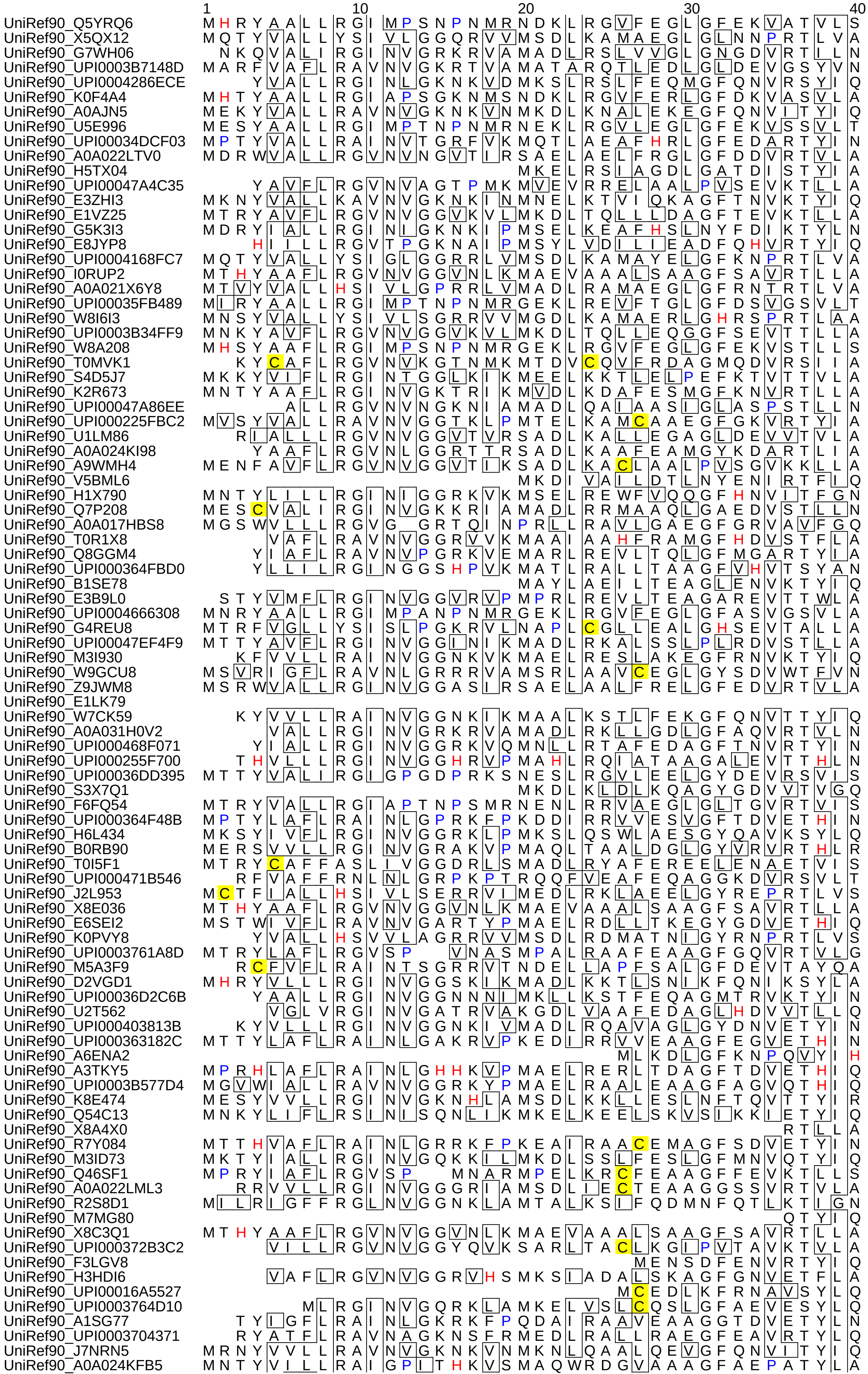

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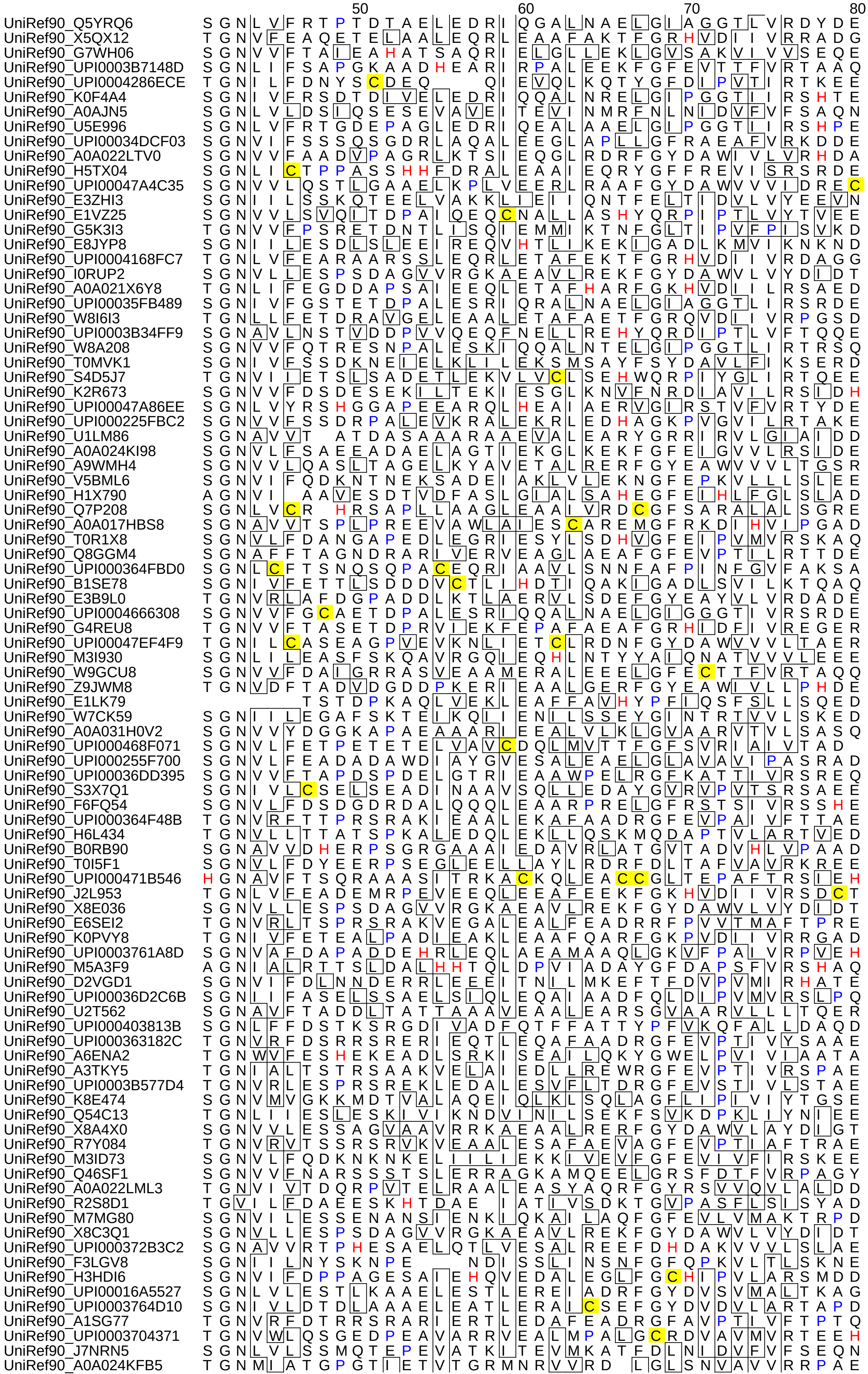

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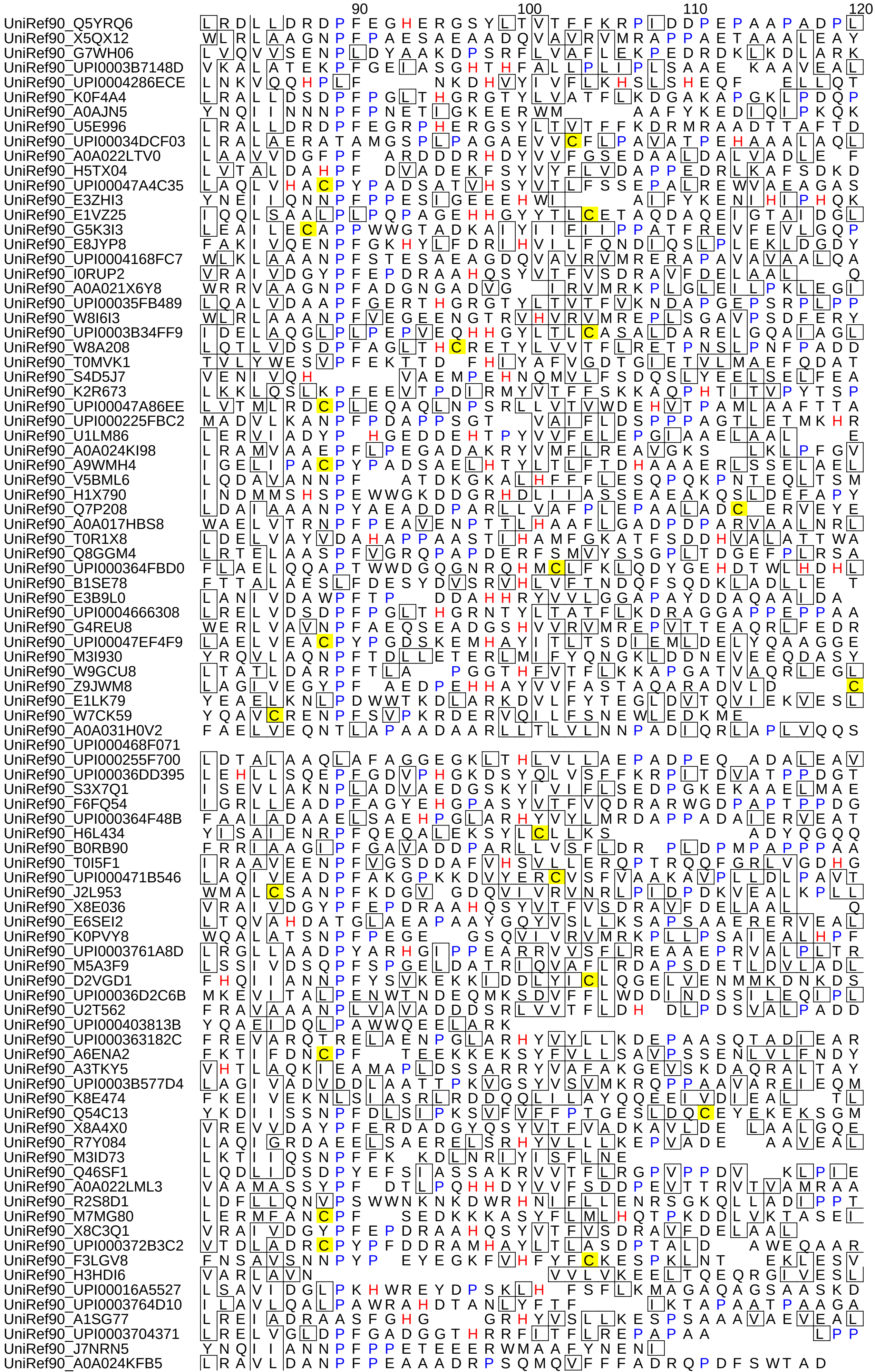

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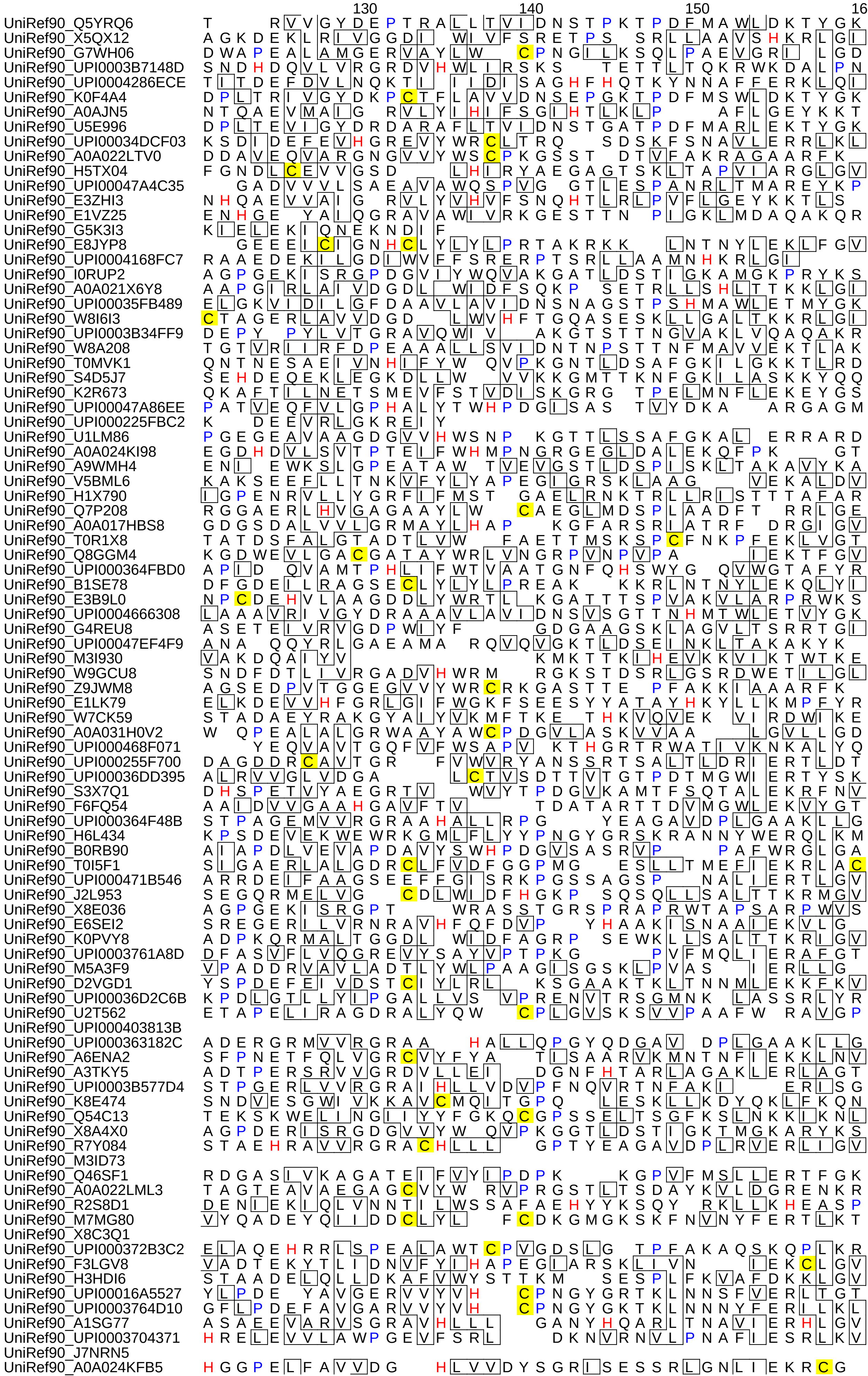

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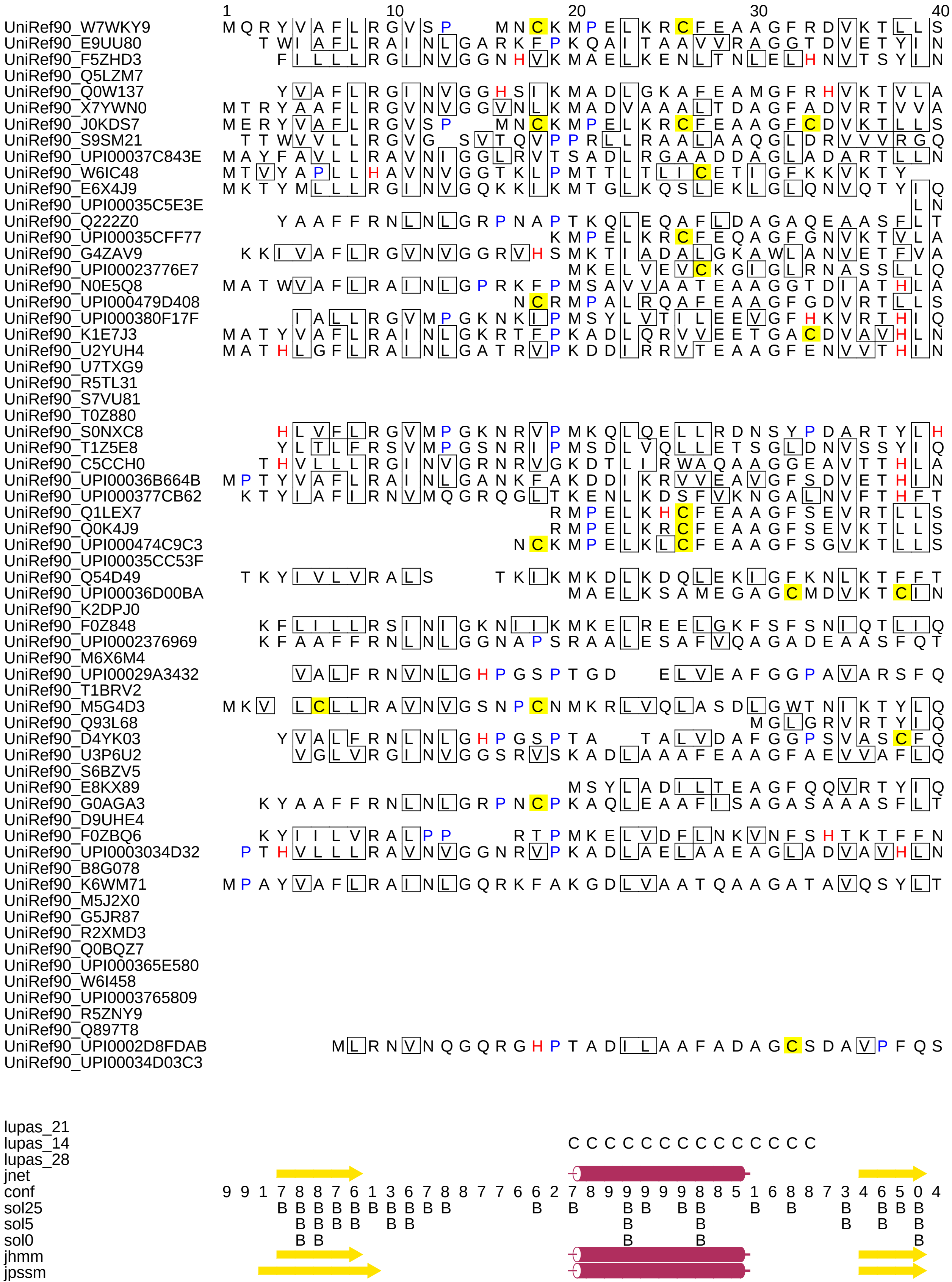

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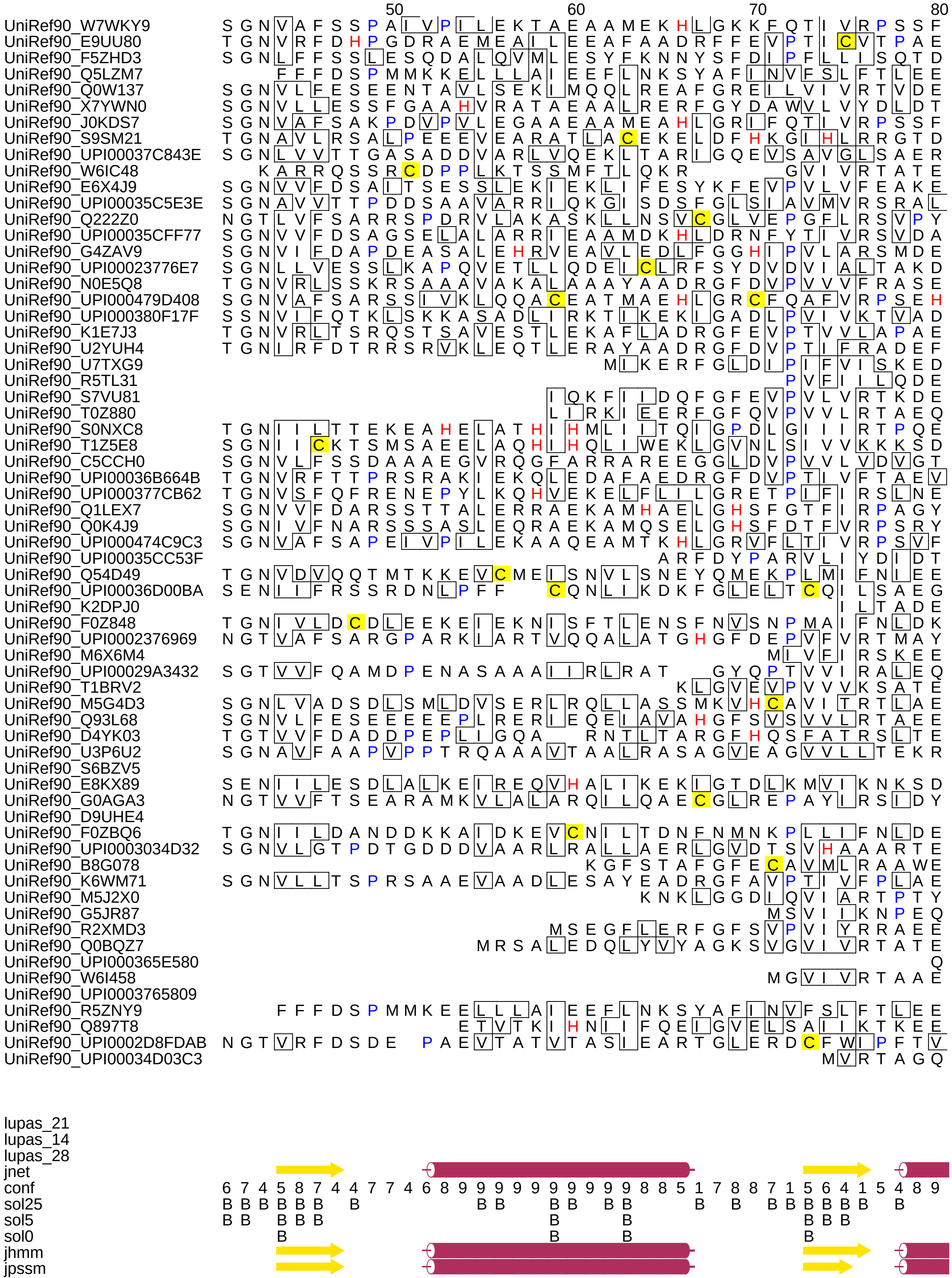

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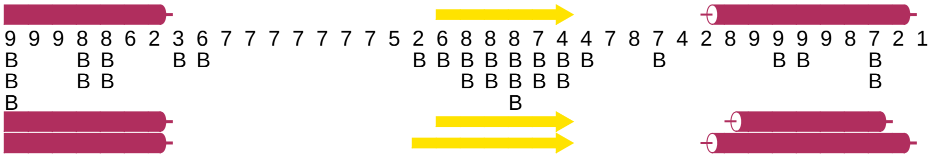

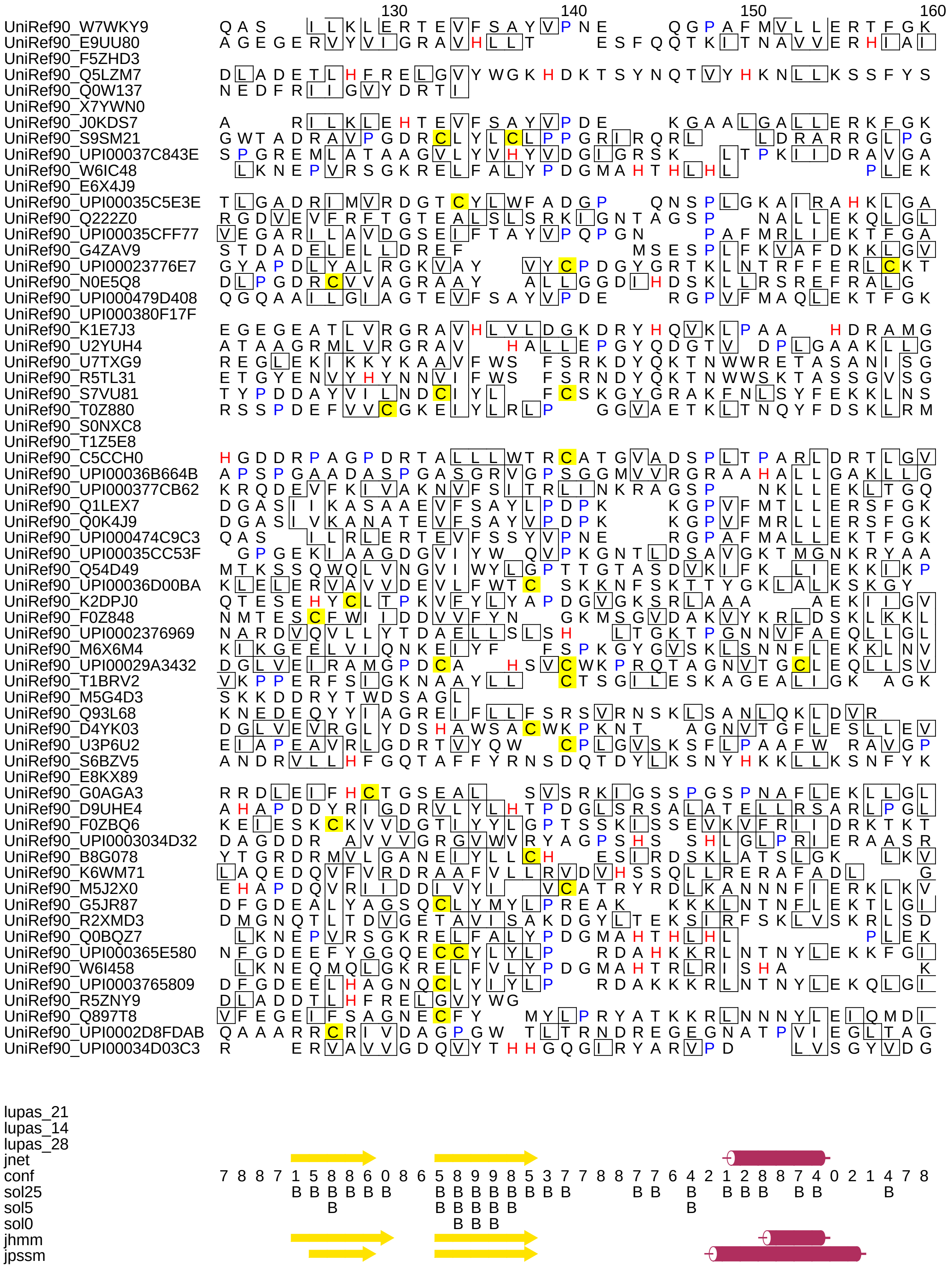
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