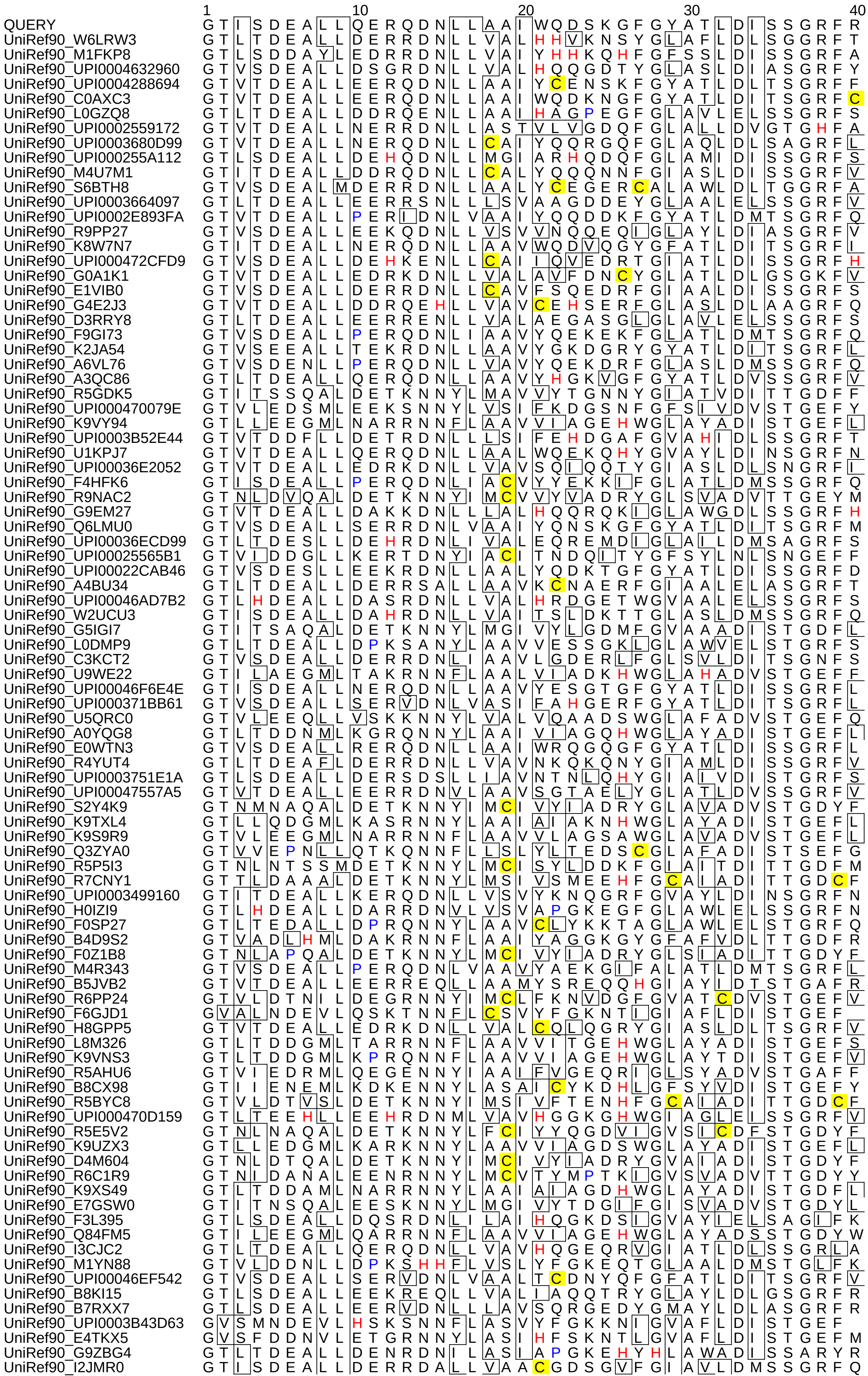

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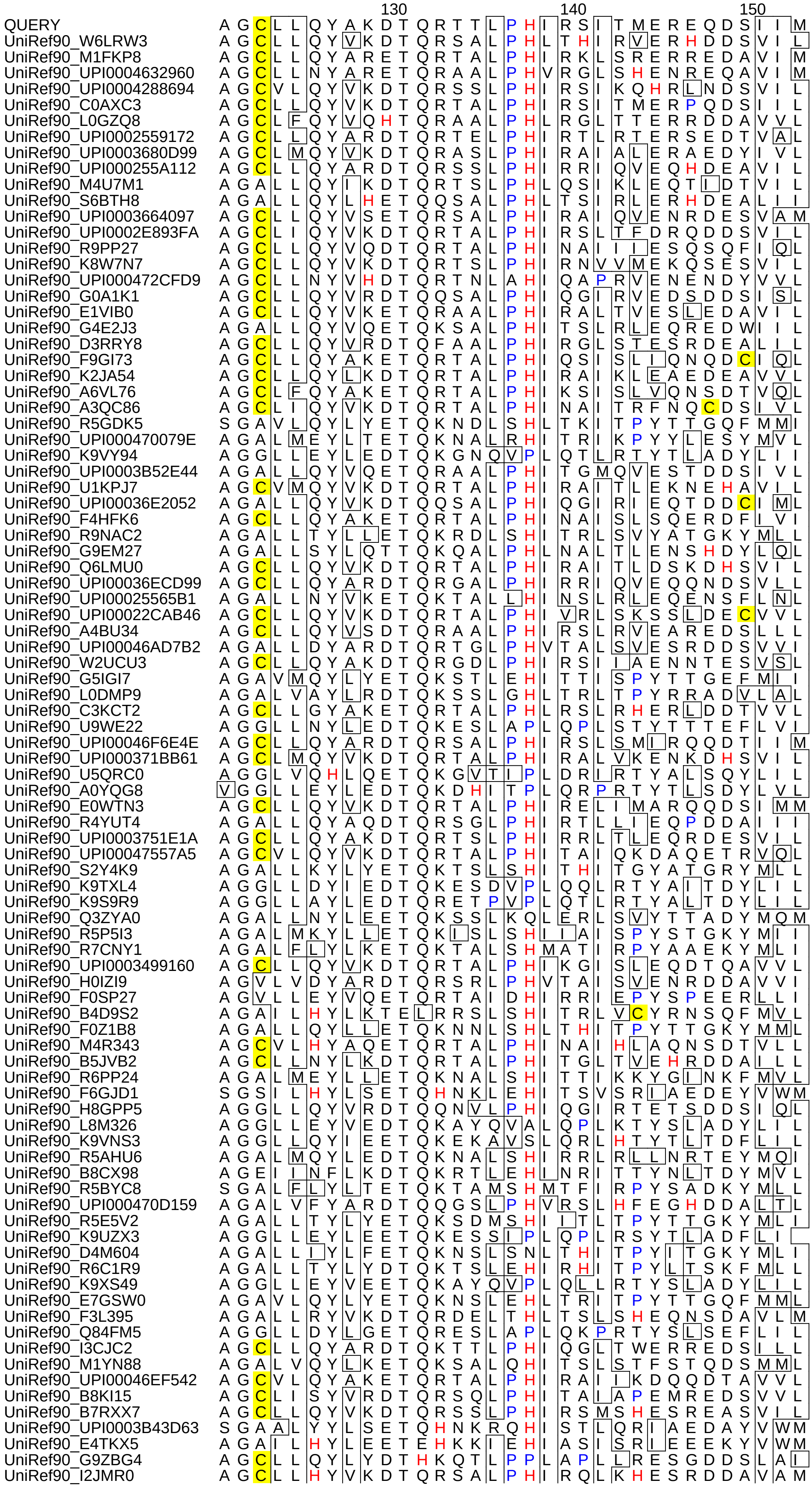

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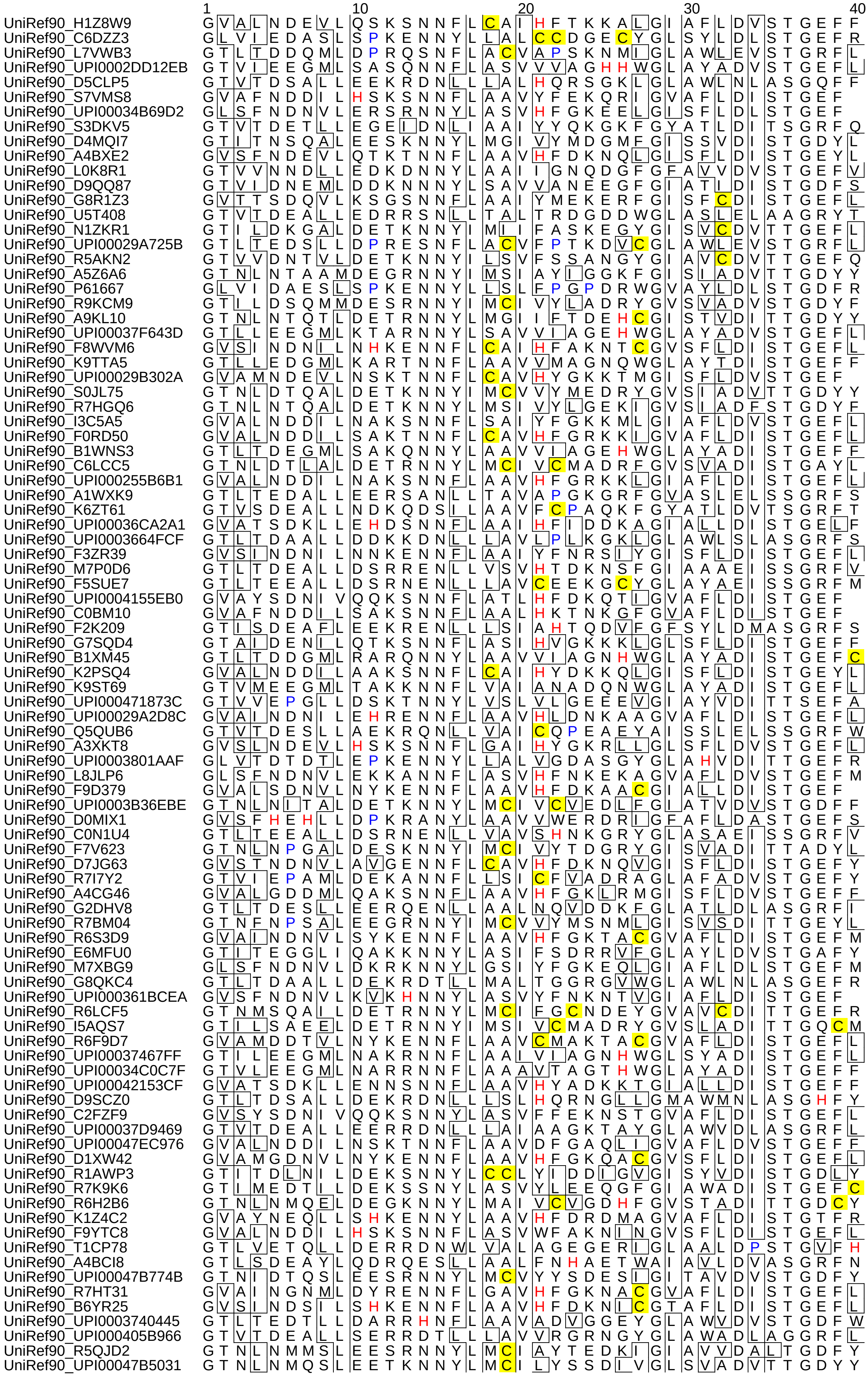

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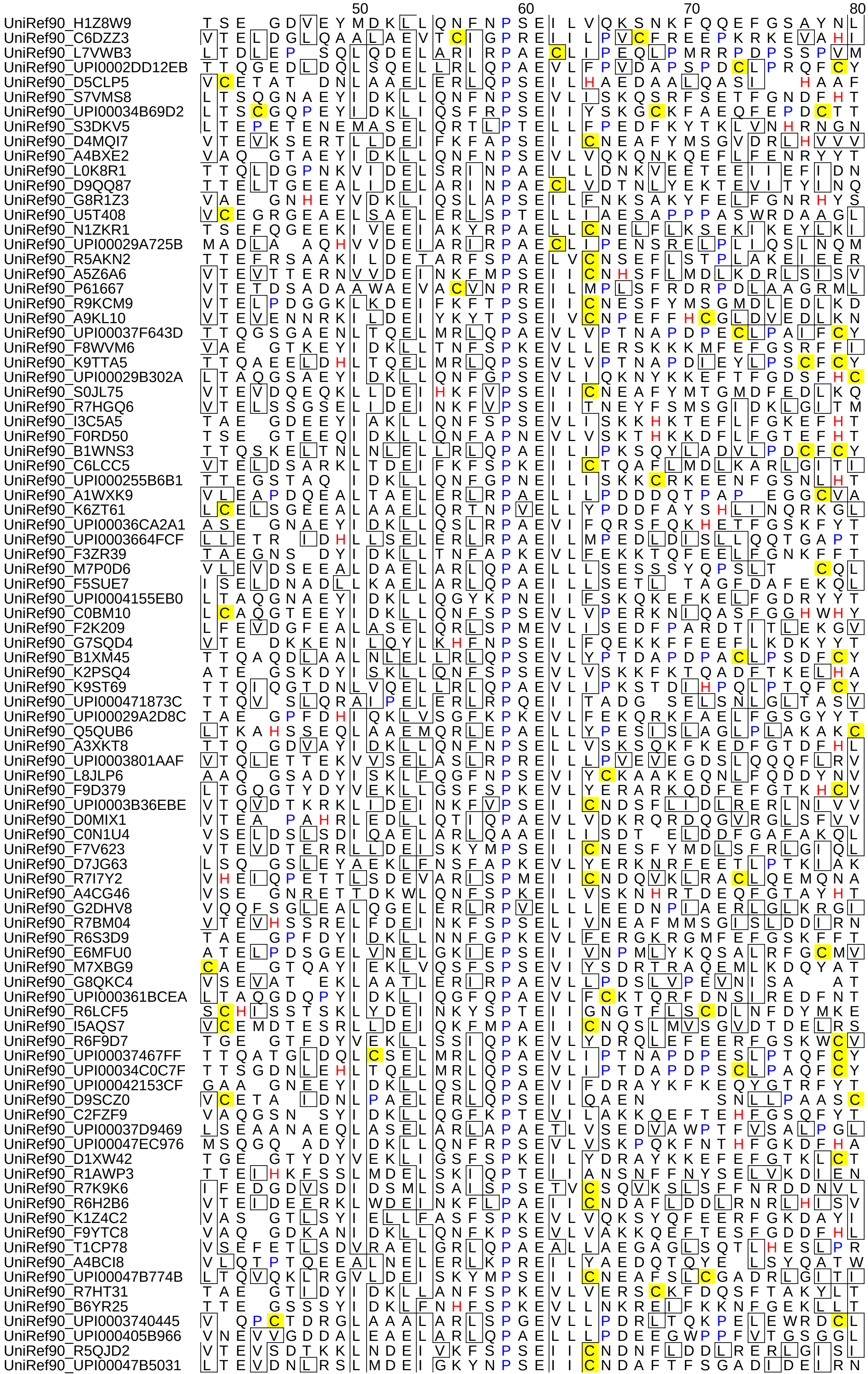

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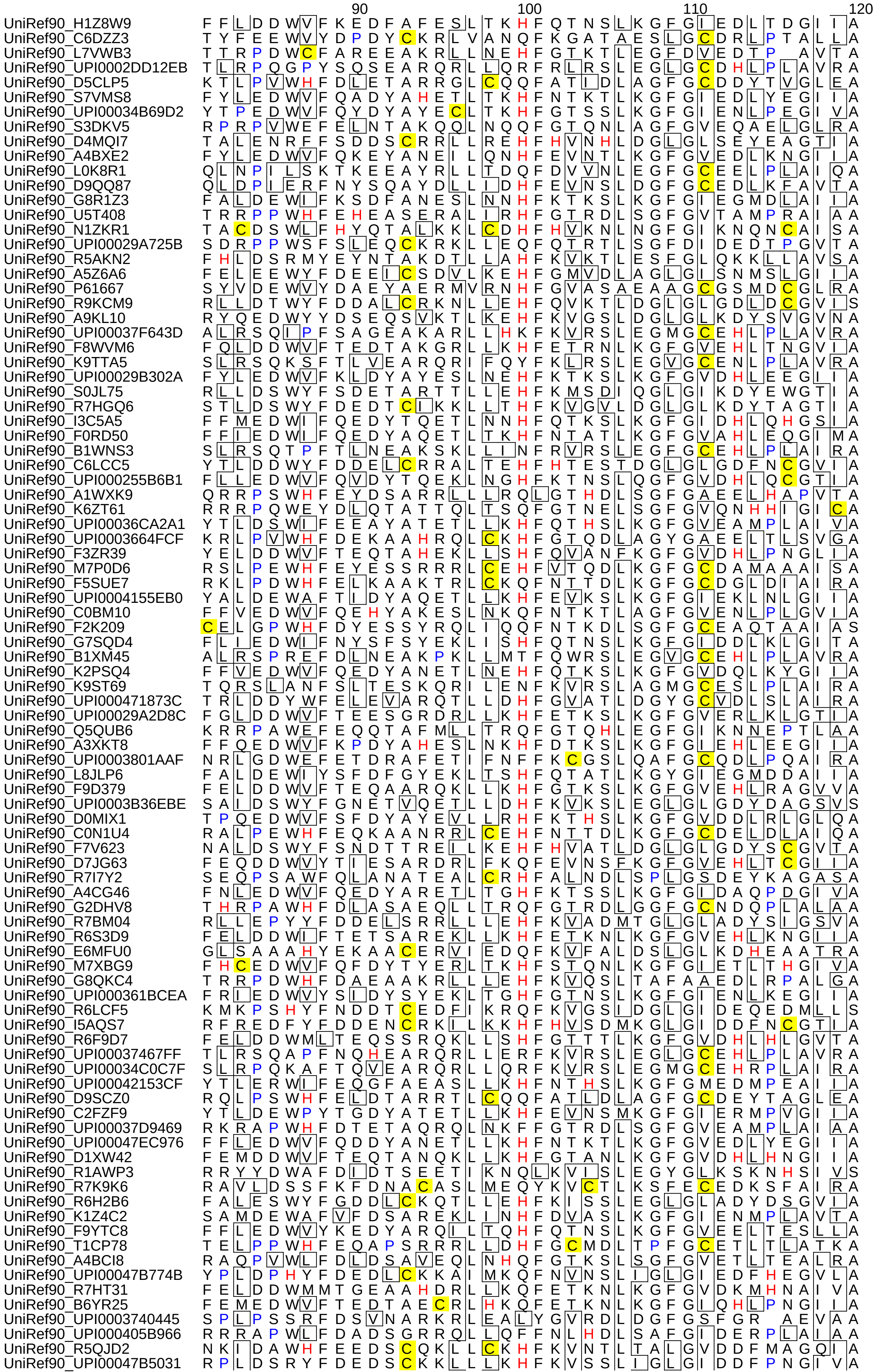

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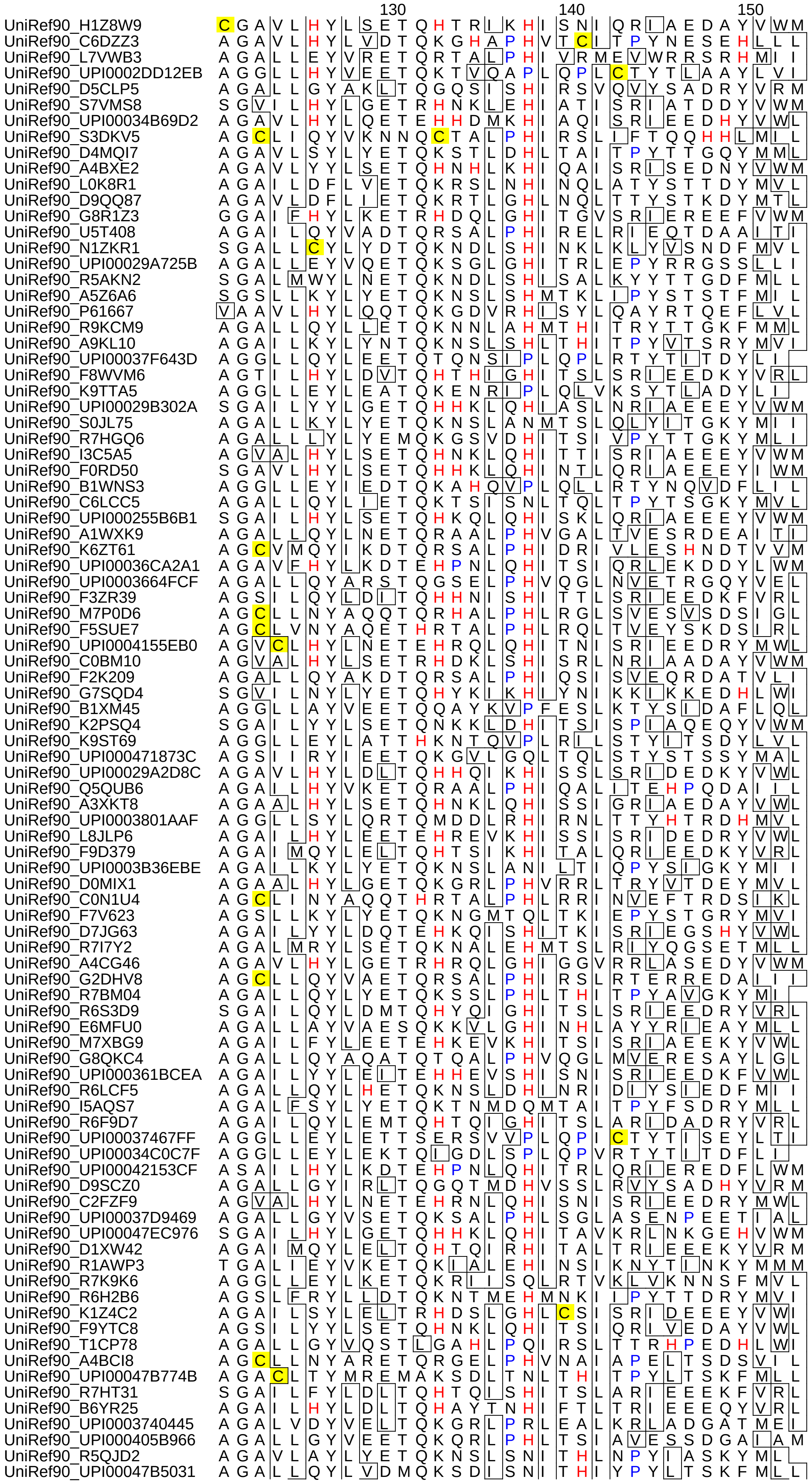

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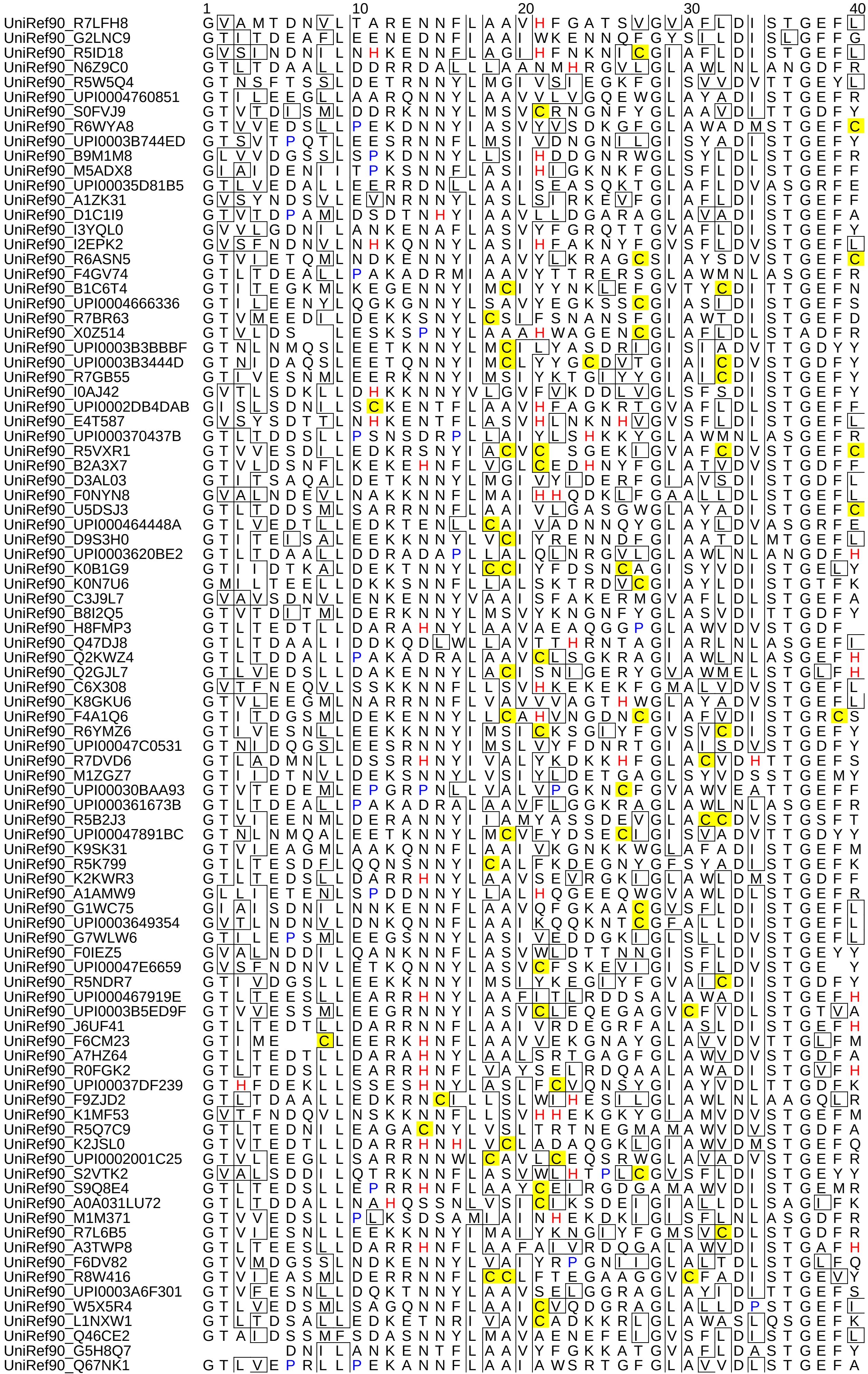

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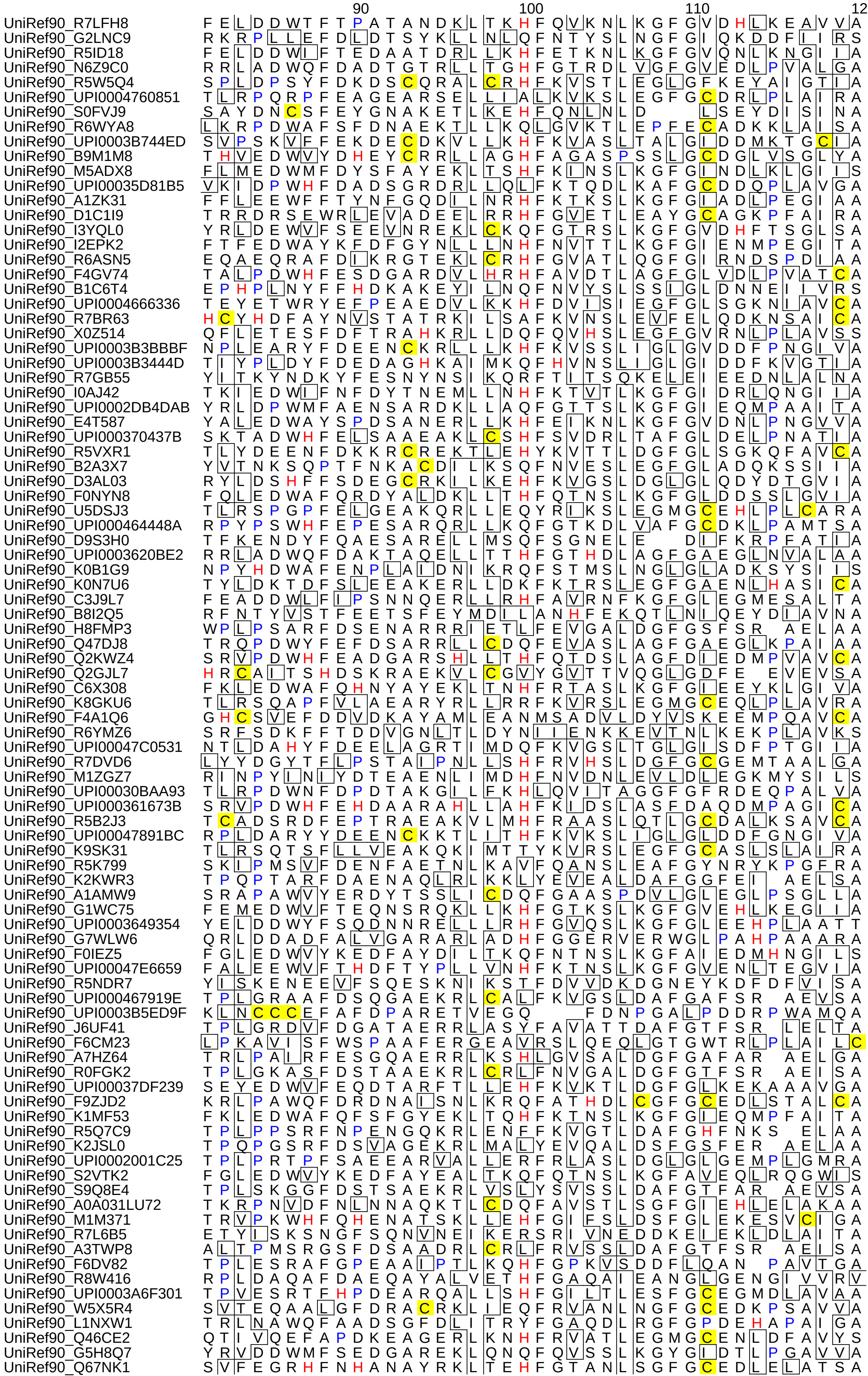

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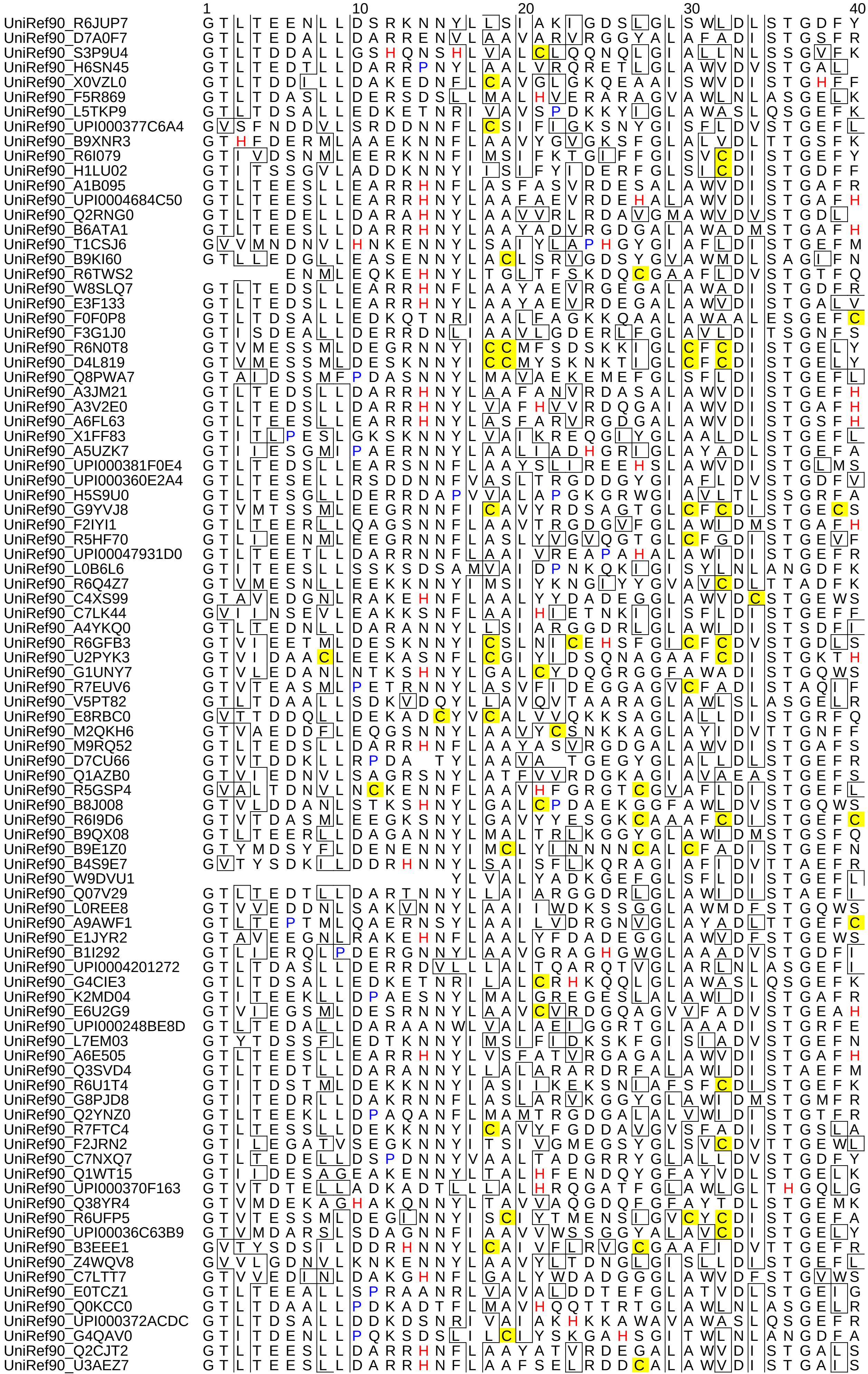

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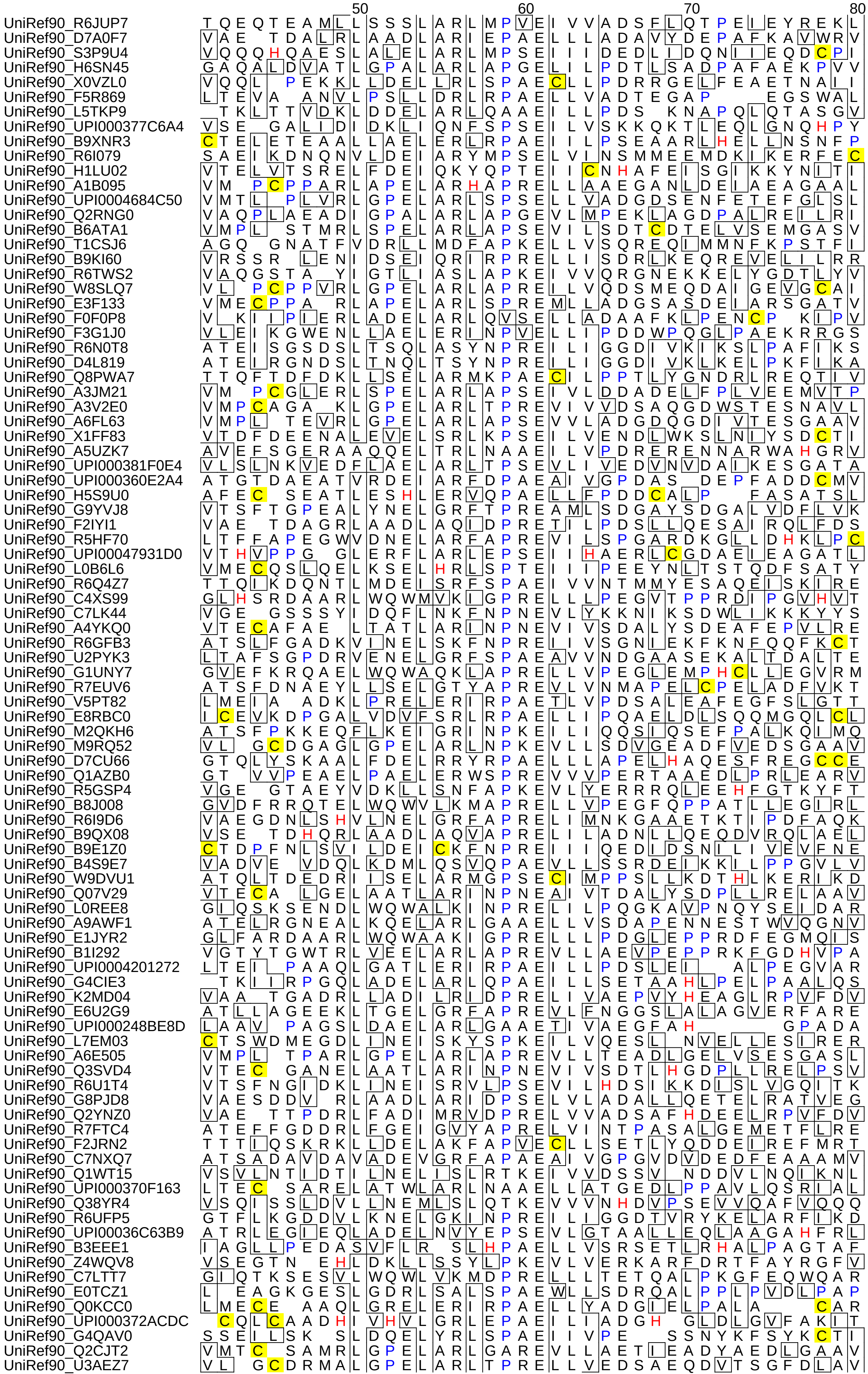

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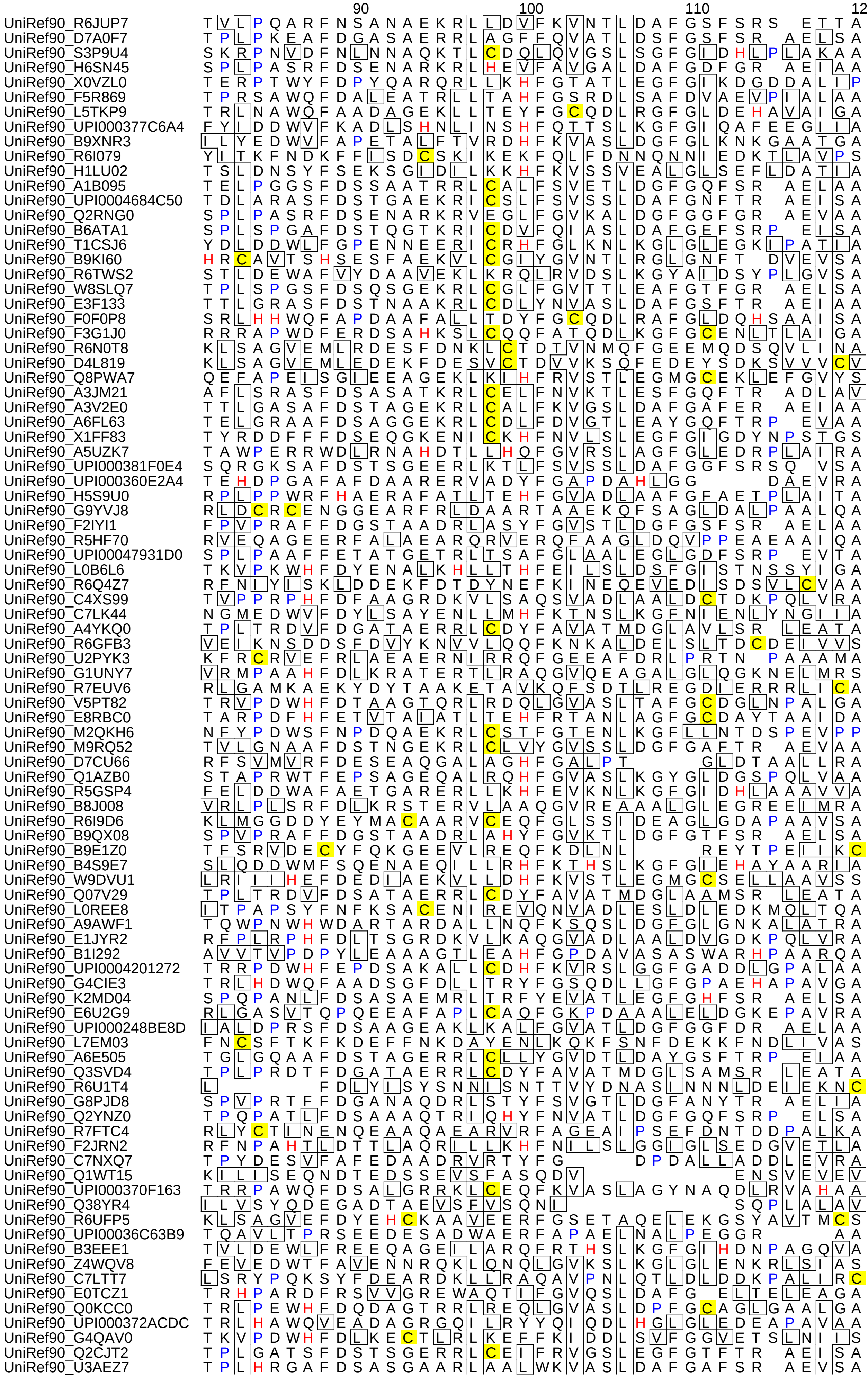

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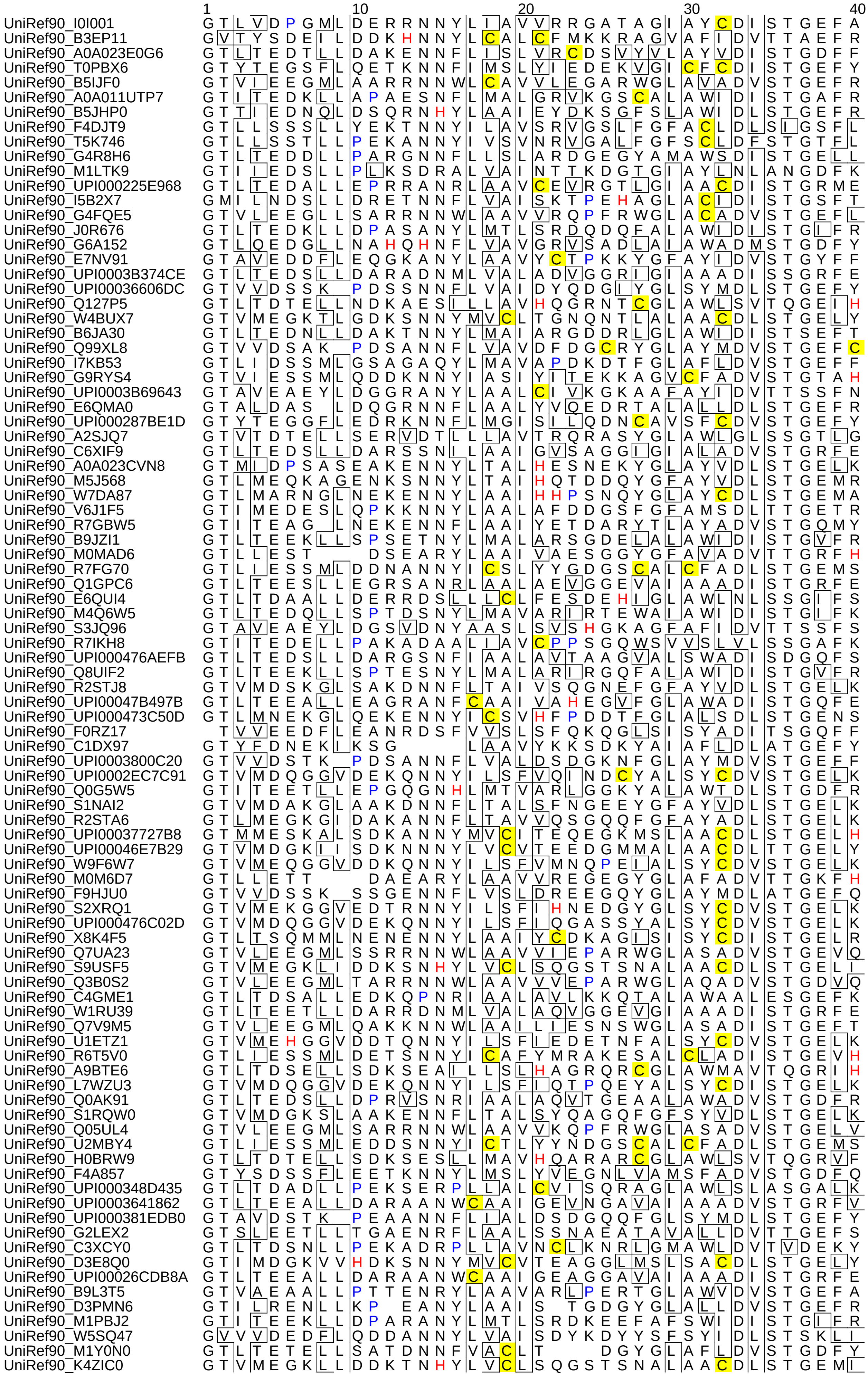

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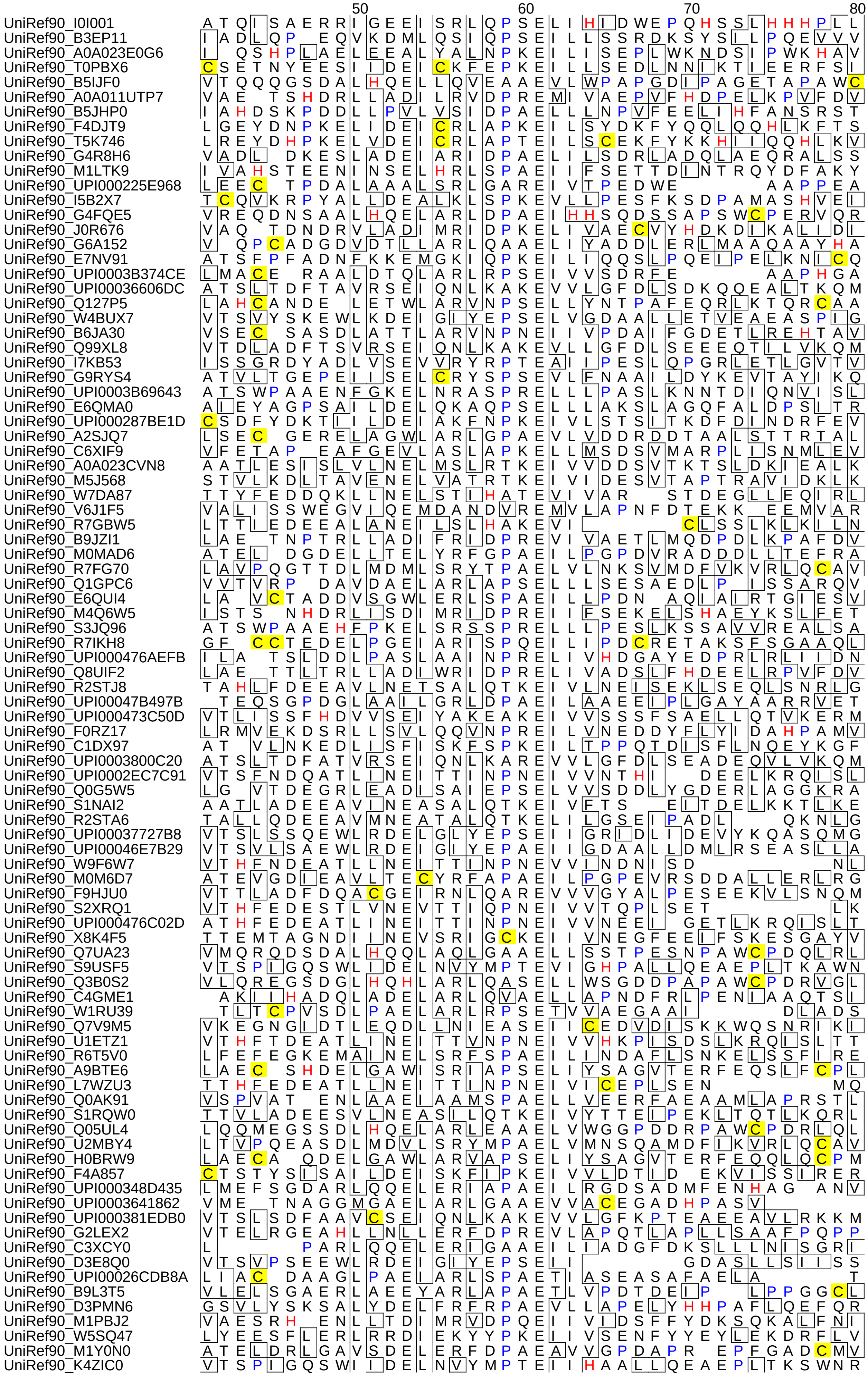

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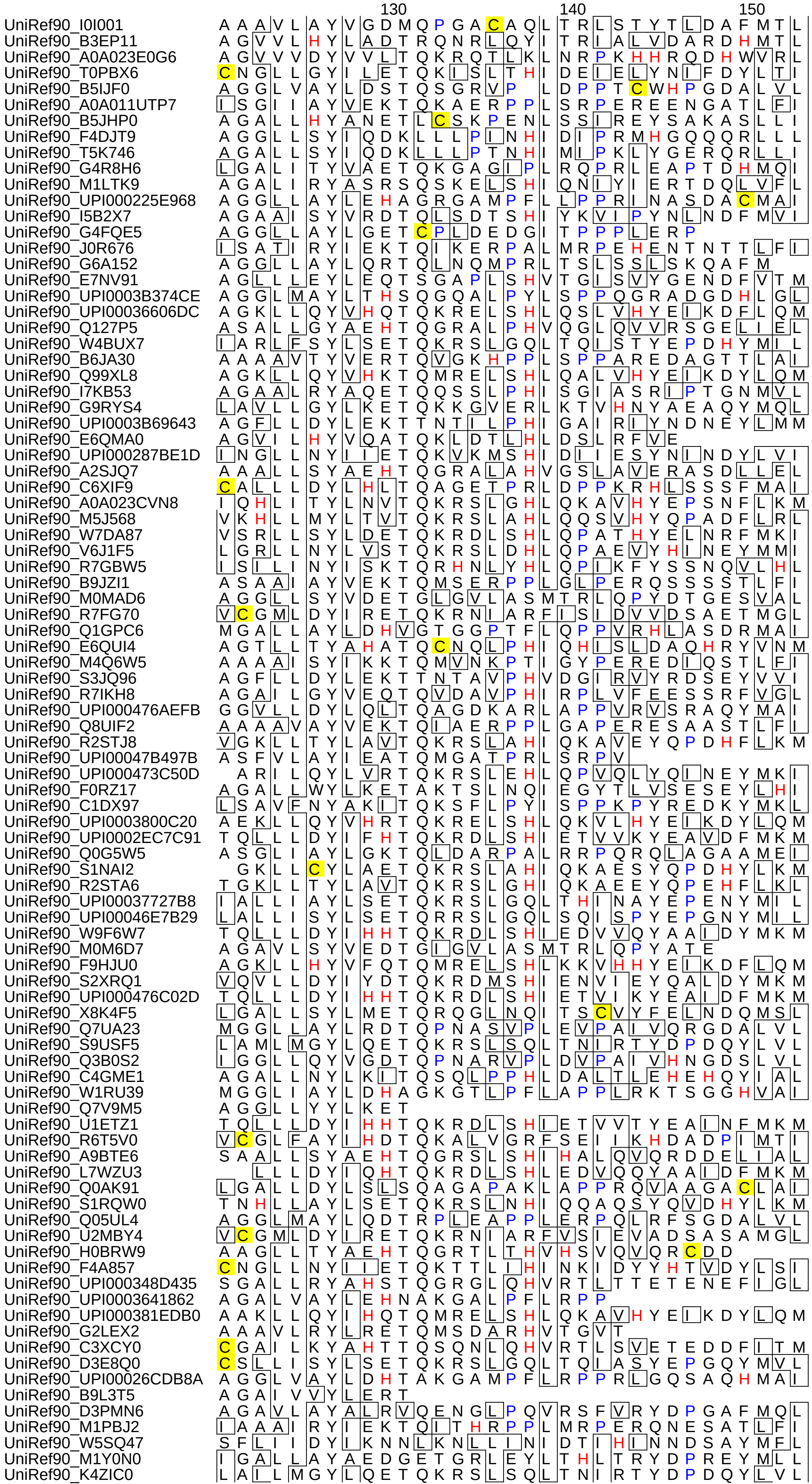

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UniRef90_A0A023E0G6     A G V V V D Y V V L T Q K R Q T L K L N R P K H H R Q D H W V R L
UniRef90_T0PBX6         C N G L L G Y I L E T Q K I S L T H I D E I E L Y N I F D Y L T I
UniRef90_B5IJF0         A G G L V A Y L D S T Q S G R V P   L D P P T C W H P G D A L V L
UniRef90_A0A011UTP7     I S G I I A Y V E K T Q K A E R P P L S R P E R E E N G A T L F I
UniRef90_B5JHP0         A G A L L H Y A N E T L C S K P E N L S S I R E Y S A K A S L L I
UniRef90_F4DJT9         A G G L L S Y I Q D K L L L P I N H I D I P R M H G Q Q Q R L L L
UniRef90_T5K746         A G A L L S Y I Q D K L L L P T N H I M I P K L Y G E R Q R L L I
UniRef90_G4R8H6         L G A L I T Y V A E T Q K G A G I P L R Q P R L E A P T D H M Q I
UniRef90_M1LTK9         A G A L I R Y A S R S Q S K E L S H I Q N I Y I E R T D Q L V F L
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UniRef90_I5B2X7         A G A A I S Y V R D T Q L S D T S H I Y K V I P Y N L N D F M V I
UniRef90_G4FQE5         A G G L L A Y L G E T C P L D E D G I T P P P L E R P
UniRef90_J0R676         I S A T I R Y I E K T Q I K E R P A L M R P E H E N T N T T L F I
UniRef90_G6A152         A G G L L A Y L Q R T Q L N Q M P R L T S L S S L S K Q A F M
UniRef90_E7NV91         A G L L L E Y L E Q T S G A P L S H V T G I S V Y G E N D F V T M
UniRef90_UPI0003B374CE  A G G L M A Y L T H S Q G Q A L P Y L S P P Q G R A D G D H L G L
UniRef90_UPI00036606DC  A G K L L Q Y V H Q T Q K R E L S H L Q S L V H Y E I K D F L Q M
UniRef90_Q127P5         A S A L L G Y A E H T Q G R A L P H V Q G L Q V V R S G E L I E L
UniRef90_W4BUX7         I A R L F S Y L S E T Q K R S L G Q L T Q I S T Y E P D H Y M I L
UniRef90_B6JA30         A A A A V T Y V E R T Q V G K H P P L S P P A R E D A G T T L A I
UniRef90_Q99XL8         A G K L L Q Y V H K T Q M R E L S H L Q A L V H Y E I K D Y L Q M
UniRef90_I7KB53         A G A A L R Y A Q E T Q Q S S L P H I S G I A S R I P T G N M V L
UniRef90_G9RYS4         L A V L L G Y L K E T Q K K G V E R L K T V H N Y A E A Q Y M Q L
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UniRef90_E6QMA0         A G V I L H Y V Q A T Q K L D T L H L D S L R F V E
UniRef90_UPI000287BE1D  I N G L L N Y I I E T Q K V K M S H I D I I E S Y N I N D Y L V I
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UniRef90_C6XIF9         C A L L L D Y L H L T Q A G E T P R L D P P K R H L S S S F M A I
UniRef90_A0A023CVN8     I Q H L I T Y L N V T Q K R S L G H L Q K A V H Y E P S N F L K M
UniRef90_M5J568         V K H L L M Y L T V T Q K R S L A H L Q Q S V H Y Q P A D F L R L
UniRef90_W7DA87         V S R L L S Y L D E T Q K R D L S H L Q P A T H Y E L N R F M K I
UniRef90_V6J1F5         L G R L L N Y L V S T Q K R S L D H L Q P A E V Y H I N E Y M M I
UniRef90_R7GBW5         I S I L I N Y I S K T Q R H N L Y H L Q P I K F Y S S N Q V L H L
UniRef90_B9JZI1         A S A A I A Y V E K T Q M S E R P P L G L P E R Q S S S S T L F I
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UniRef90_E6QUI4         A G T L L T Y A H A T Q C N Q L P H I Q H I S L D A Q H R Y V N M
UniRef90_M4Q6W5         A A A A I S Y I K K T Q M V N K P T I G Y P E R E D I Q S T L F I
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UniRef90_S1NAI2           G K L L C Y L A E T Q K R S L A H I Q K A E S Y Q P D H Y L K M
UniRef90_R2STA6         T G K L L T Y L A V T Q K R S L G H I Q K A E E Y Q P E H F L K L
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UniRef90_UPI00046E7B29  L A L L I S Y L S E T Q R R S L G Q L S Q I S P Y E P G N Y M I L
UniRef90_W9F6W7         T Q L L L D Y I H H T Q K R D L S H I E D V V Q Y A A I D Y M K M
UniRef90_M0M6D7         A G A V L S Y V E D T G I G V L A S M T R L Q P Y A T E
UniRef90_F9HJU0         A G K L L H Y V F Q T Q M R E L S H L K K V H H Y E I K D F L Q M
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UniRef90_S9USF5         L A M L M G Y L Q E T Q K R S L S Q L T N I R T Y D P D Q Y L V L
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UniRef90_Q7V9M5         A G G L L Y Y L K E T
UniRef90_U1ETZ1         T Q L L L D Y I H H T Q K R D L S H I E T V V T Y E A I N F M K M
UniRef90_R6T5V0         V C G L F A Y I H D T Q K A L V G R F S E I I K H D A D P I M T I
UniRef90_A9BTE6         S A A L L S Y A E H T Q G R S L S H I H A L Q V Q R D D E L I A L
UniRef90_L7WZU3             L L L D Y I Q H T Q K R D L S H L E D V Q Q Y A A I D F M K M
UniRef90_Q0AK91         L G A L L D Y L S L S Q A G A P A K L A P P R Q V A A G A C L A I
UniRef90_S1RQW0         T N H L L A Y L S E T Q K R S L N H I Q Q A Q S Y Q V D H Y L K M
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UniRef90_U2MBY4         V C G M L D Y I R E T Q K R N I A R F V S I E V A D S A S A M G L
UniRef90_H0BRW9         A A G L L T Y A E H T Q G R T L T H V H S V Q V Q R C D D
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UniRef90_UPI000348D435  S G A L L R Y A H S T Q G R G L Q H V R T L T T E T E N E F I G L
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UniRef90_D3E8Q0         C S L L I S Y L S E T Q K R S L G Q L T Q I A S Y E P G Q Y M V L
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UniRef90_D3PMN6         A G A V L A Y A L R V Q E N G L P Q V R S F V R Y D P G A F M Q L
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UniRef90_M1Y0N0         I G A L L A Y A E D G E T G R L E Y L T H L T R Y D P R E Y M L L
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UniRef90_Q2N5V9        G T L T E E A L L E P R R A N V L A A V C E V R G T L G I A H C D I S T G R M E
UniRef90_L8XUN4        G T I S E N K Y L E S K S N N Y L A S I S K S E K N A A L S I C D I S T G E L Y
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UniRef90_V6YZN7        G T A V D S S K T D S   A N N F L V A L D F D G Q V Y G L S Y M D L S T G E F R
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UniRef90_UPI00047DCFC7 G T V I D A S M L E E G K N N Y I A S L W C G E L G F G L C F A D V S T G E L L
UniRef90_UPI00036CBFF0 G T L T D A E L L G D K A D A V L L S V H Q G R N R C G L A W L S V T Q D D I H
UniRef90_E0E302        G T L L E D D S L E K T S N N Y L M A I Y Y Q G Q D A S I A Y V D I S T G E L N
UniRef90_G4XHP1        G T V M D G K G L N D K E N N Y I A S I S F E D Q T Y G L A Y S D L T T G E T K
UniRef90_Q3AQZ8        G V T Y S D K L L D D R H N N Y L A G V A F L K E G A G V A F I D V T T A E F R
UniRef90_UPI0003B46D8B G T L T E E S L L D S R S A N W L V A L A E Q G A R V G L A A A D I S T G R F E
UniRef90_UPI00035E3D71 G T V M D G K N L G D R A N N Y V V C V T E A S G M L A L S A S D L S T G E L Y
UniRef90_A3CR17        G T V V D S S K   P D S A N N F L V A L D Y S D G L Y G L A Y M D L V T G E F Q
UniRef90_D2RDB5        G T L I E E E L L T   K E N N Y L M S I Y K G R   I Y G I A L I D V S T G E F L
UniRef90_Q5HPP5        G T V M D Q N G M D E K K N N Y I L S F I E N E E   F G L C Y C D V S T G E L K
UniRef90_J7J0B4        G T L T E S     V A E G S N H Y L A S V Y Y S   E Q W G L A F L D L S T G E F T
UniRef90_UPI0003B30FE2 G T A I E L E P E T A K E N T Y I V S L C L Q D E G W G L A L I D L A S G Q L K
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UniRef90_Q9KAC0        G T I M D G K L I V E K E N N F L C A V T F E D Q S Y G I A R A D L T T G E S R
UniRef90_UPI000477F65D G T V T E E T L L E G A R P N W I A A         S T G T A L A W L D I S T G A F G
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UniRef90_C2ETT3        G T Q M D L N G D Q A K N N N Y L A G I I R Q N G H Y Y L A Y T D L S T G E L K
UniRef90_K6U654        G T F V D V N S S L E N D N T Y L M A I Y I N D D K I G I S V S D I S T G E F K
UniRef90_J2ZZ71        G T I V D D E L L S A G T T N Y V A S V A R D G D T F S L A A V D V S T G E C L
UniRef90_UPI00036C3E2C G T V M D G K G V A A K E N N Y I A A I A F N N Q S Y G I A Y T D I S T G E N R
UniRef90_A0A033V3W7    G T V M D Q K G M D E K T N N Y I L G F I K E D G E F H L S Y C D V T T G E L K
UniRef90_UPI00035C567A G T V V D S A K   P D A E S N F L V A I D R D G K E F A L S Y M D V A T G Q F F
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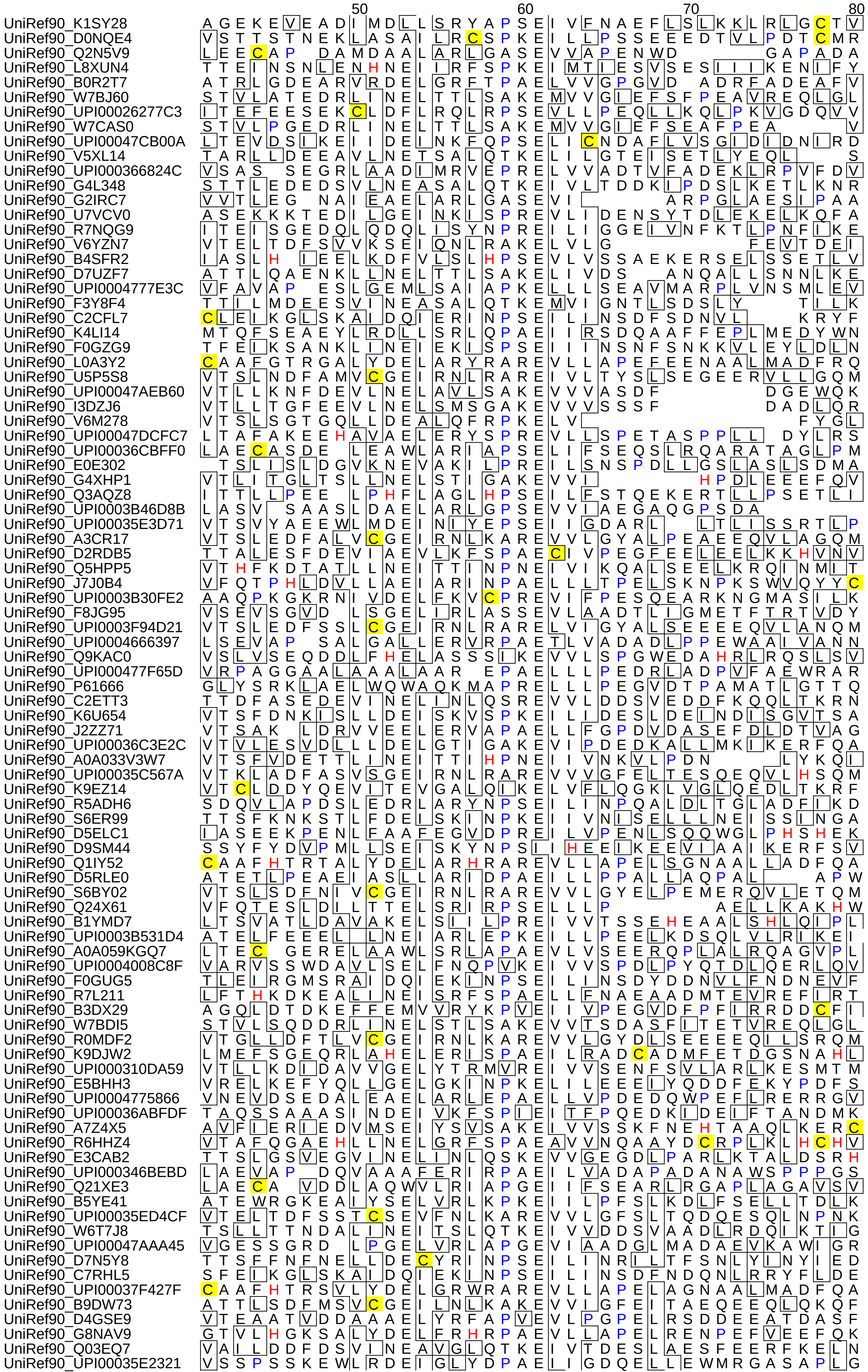

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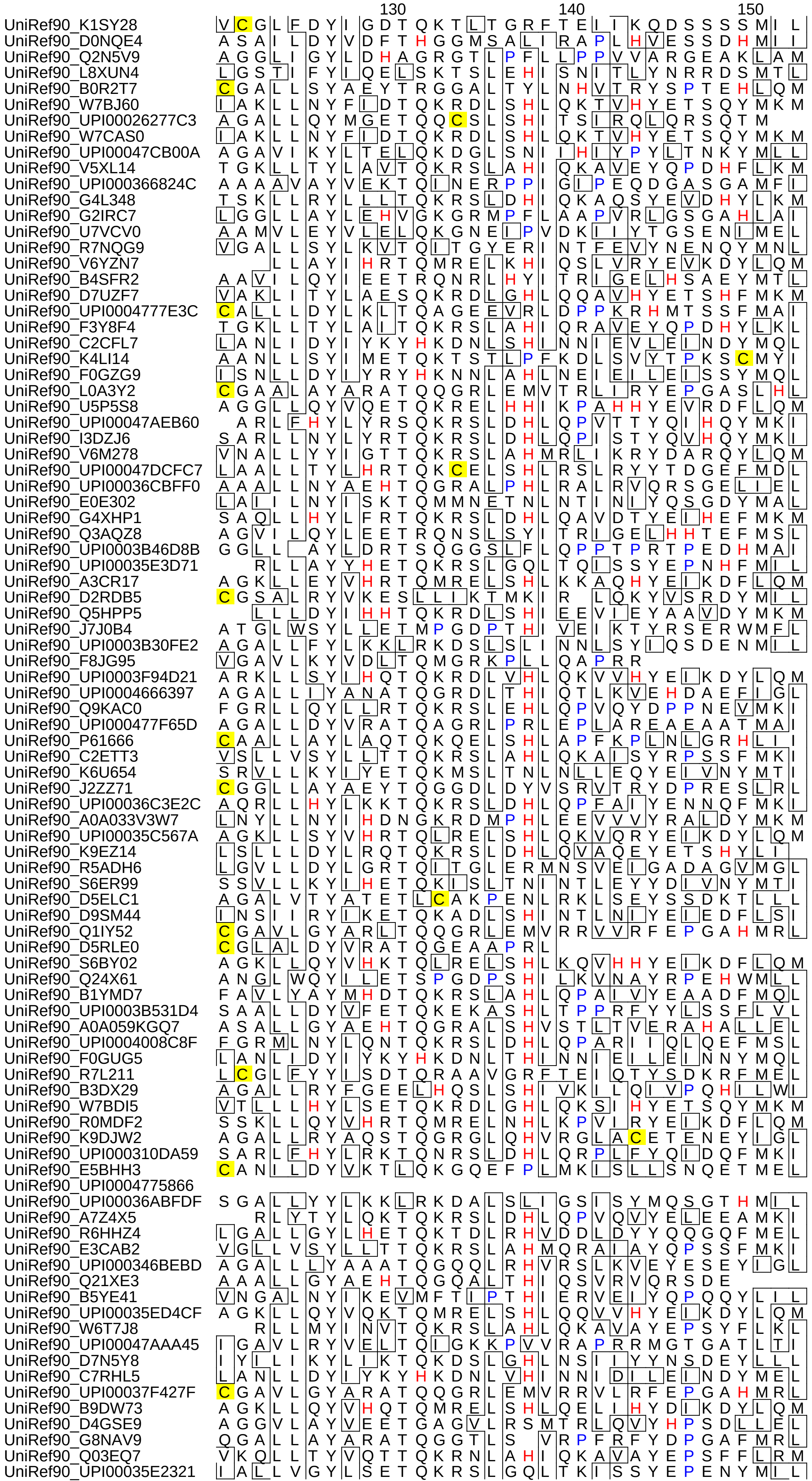

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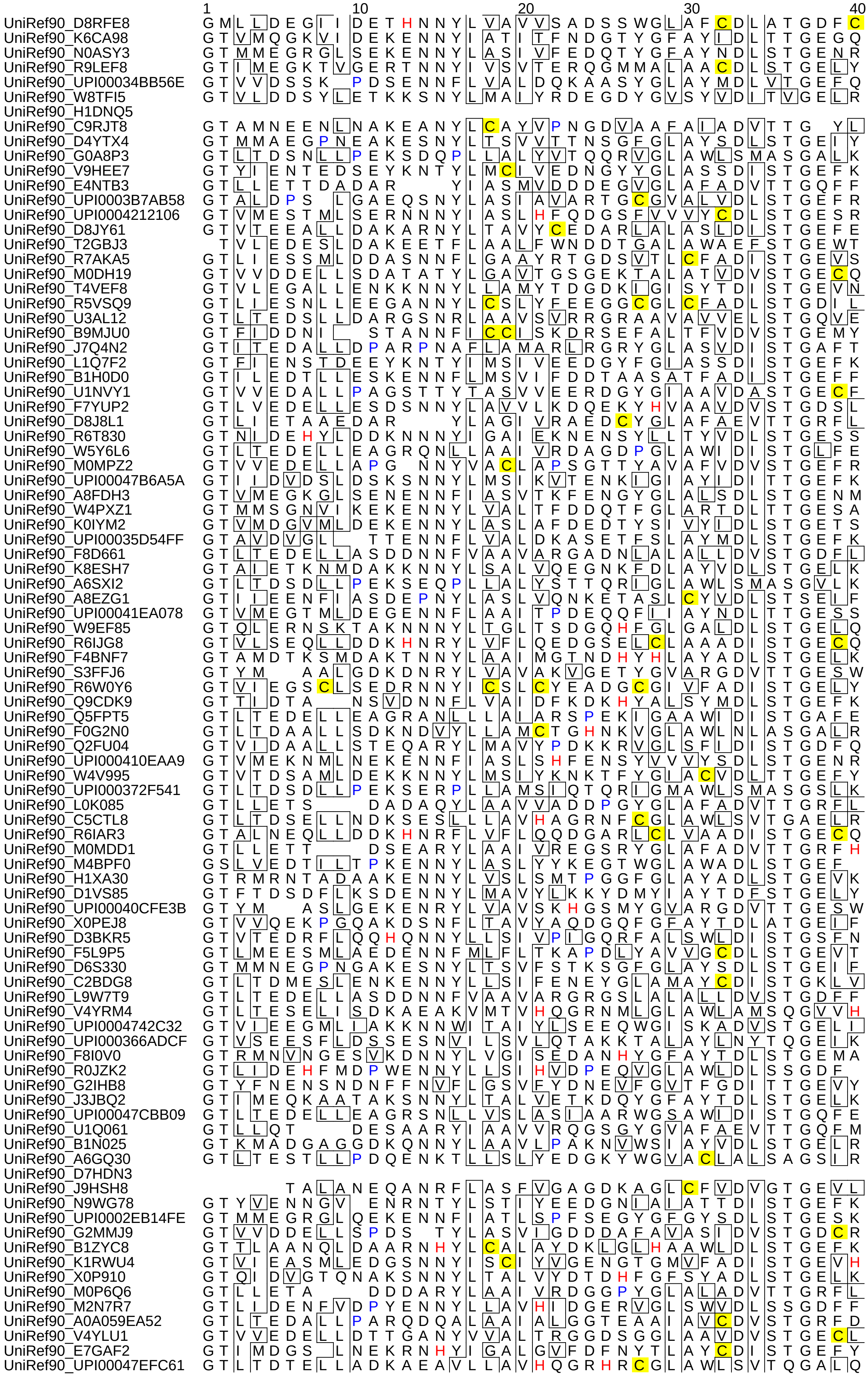

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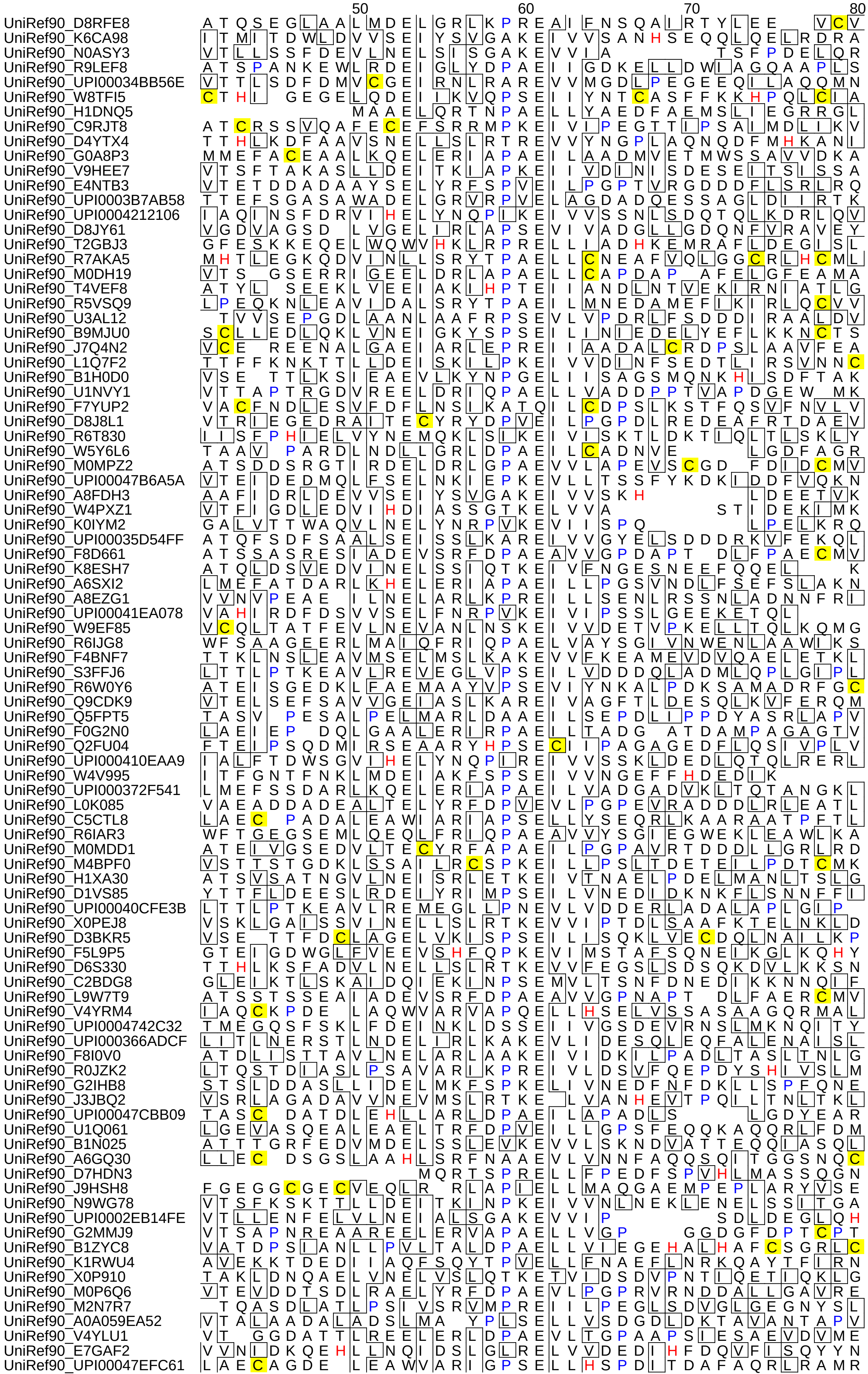

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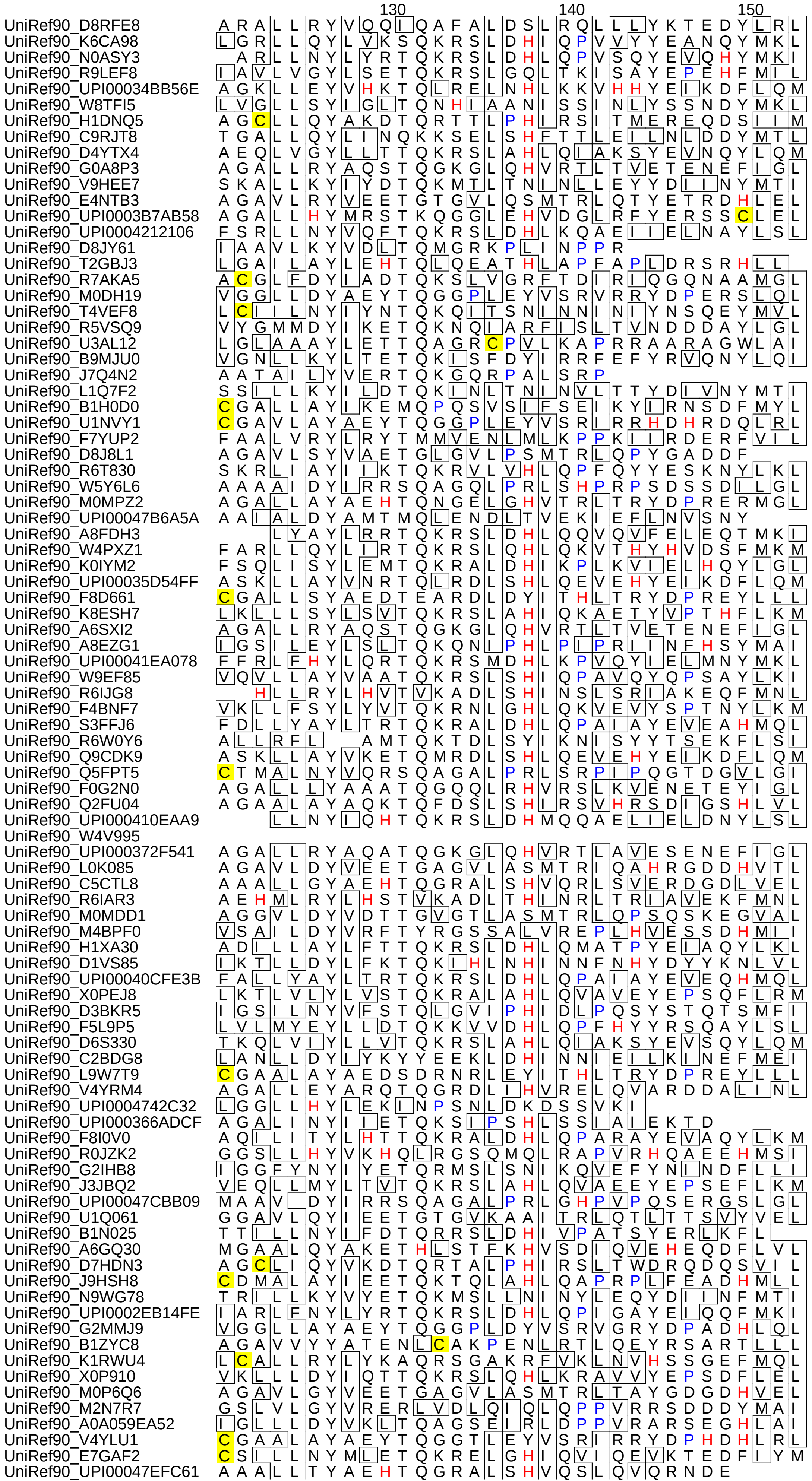

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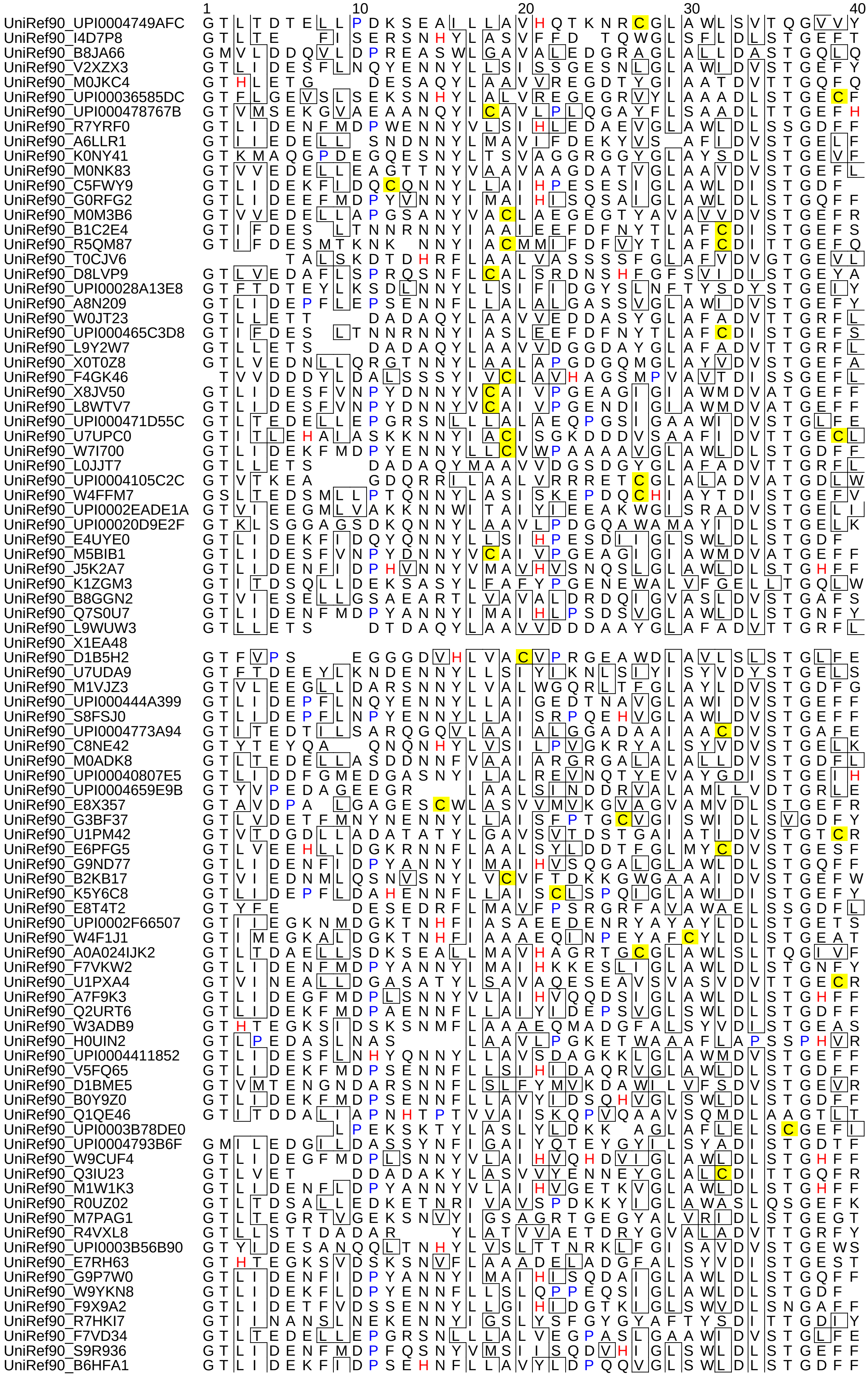

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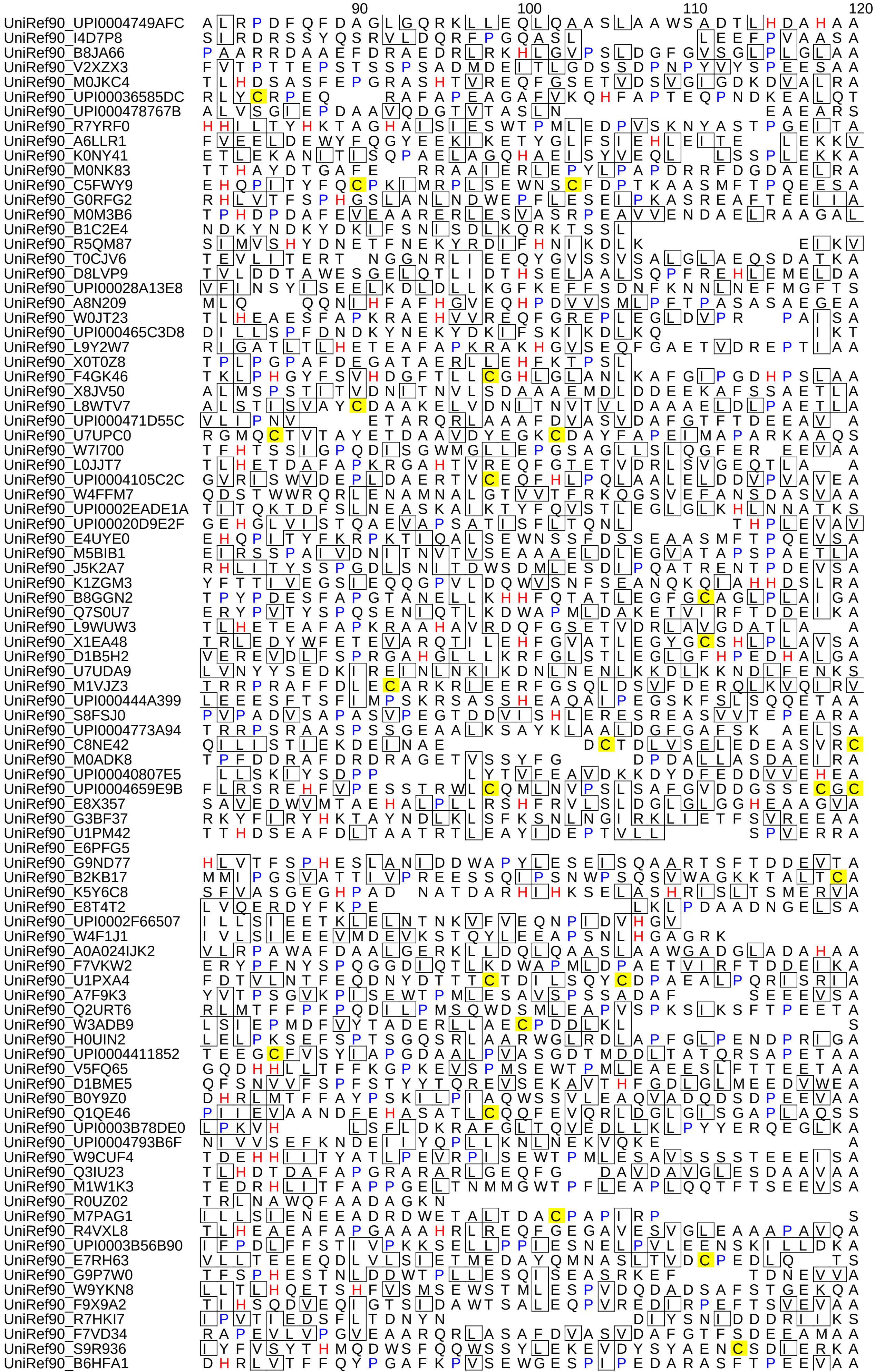

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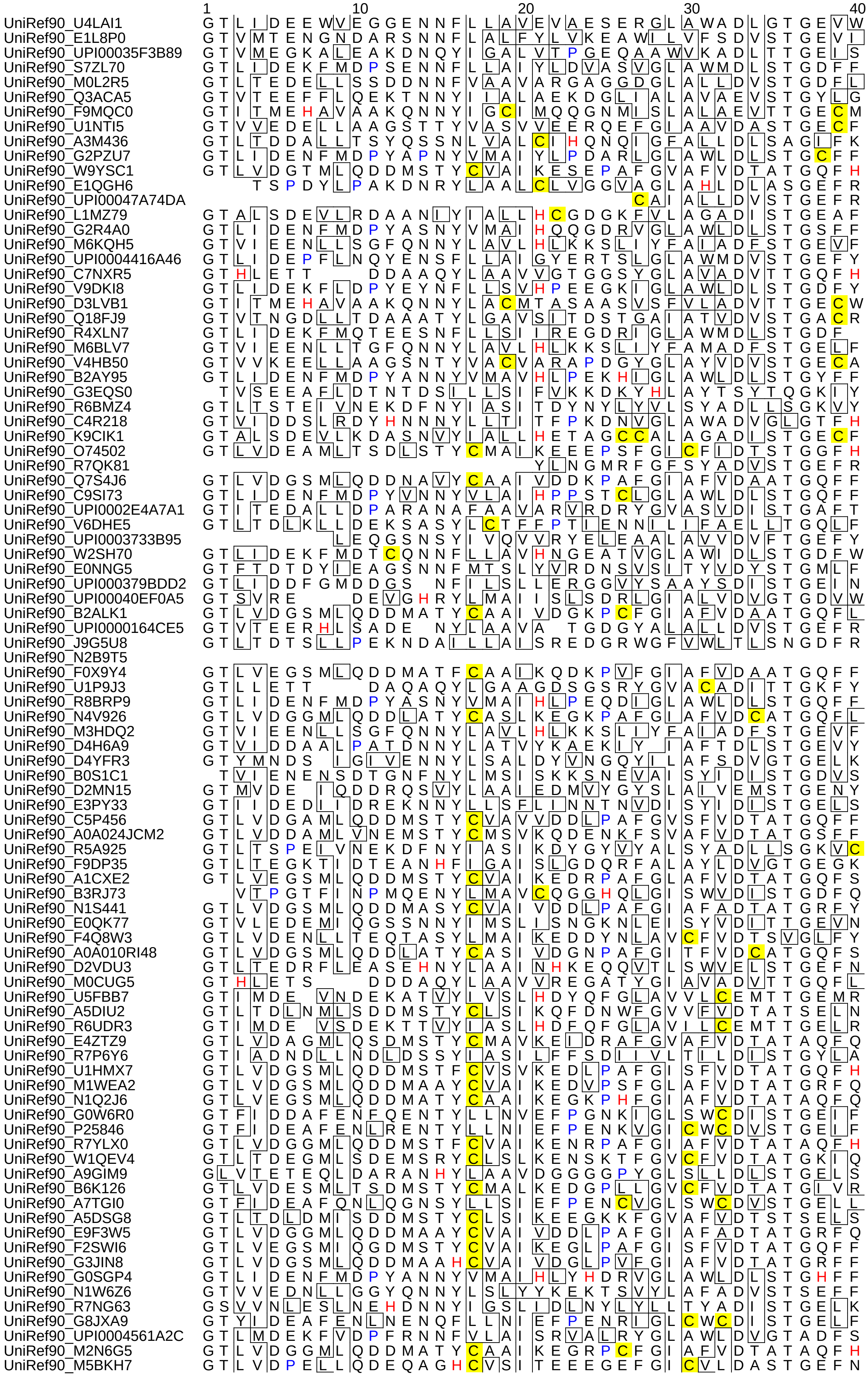

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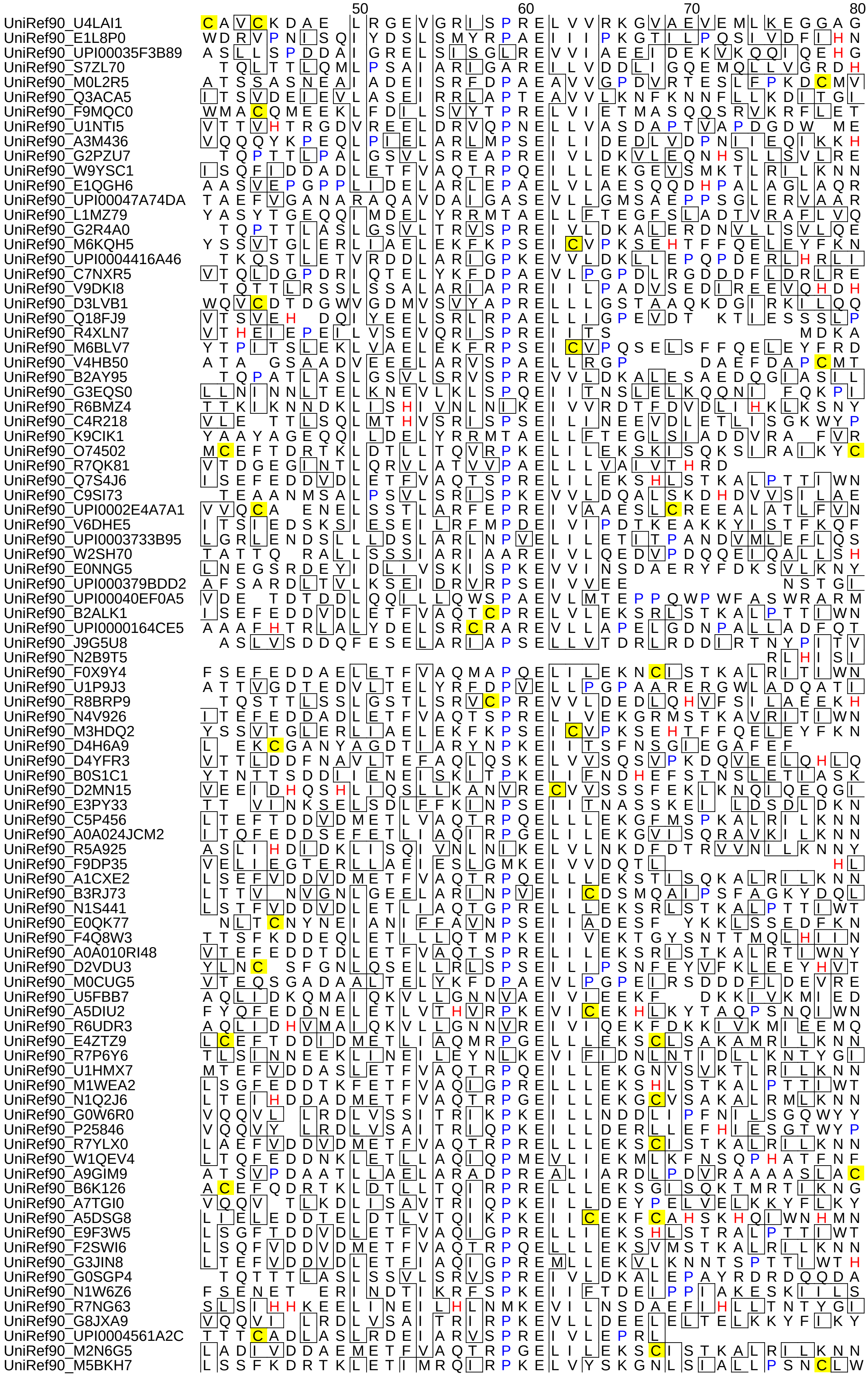

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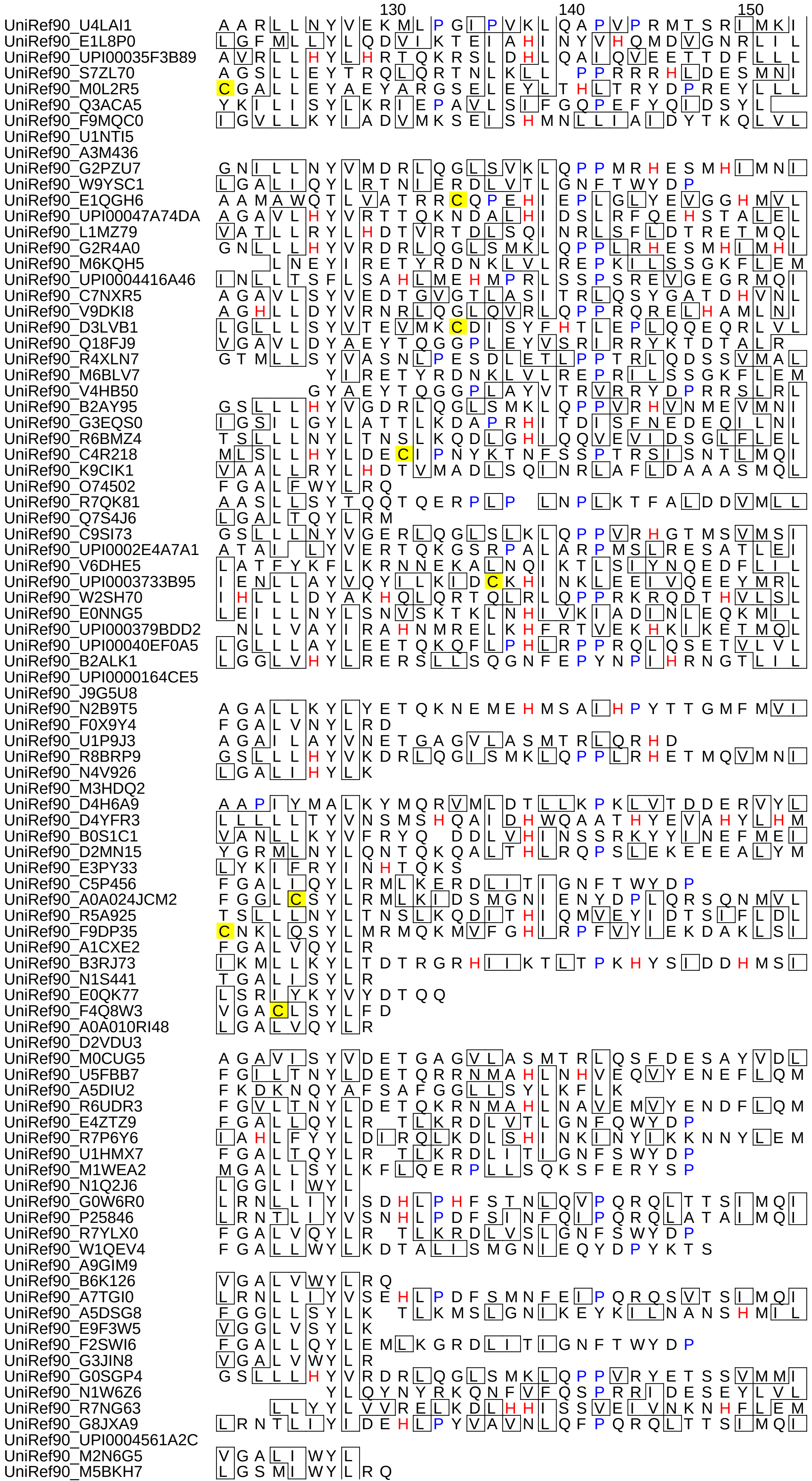
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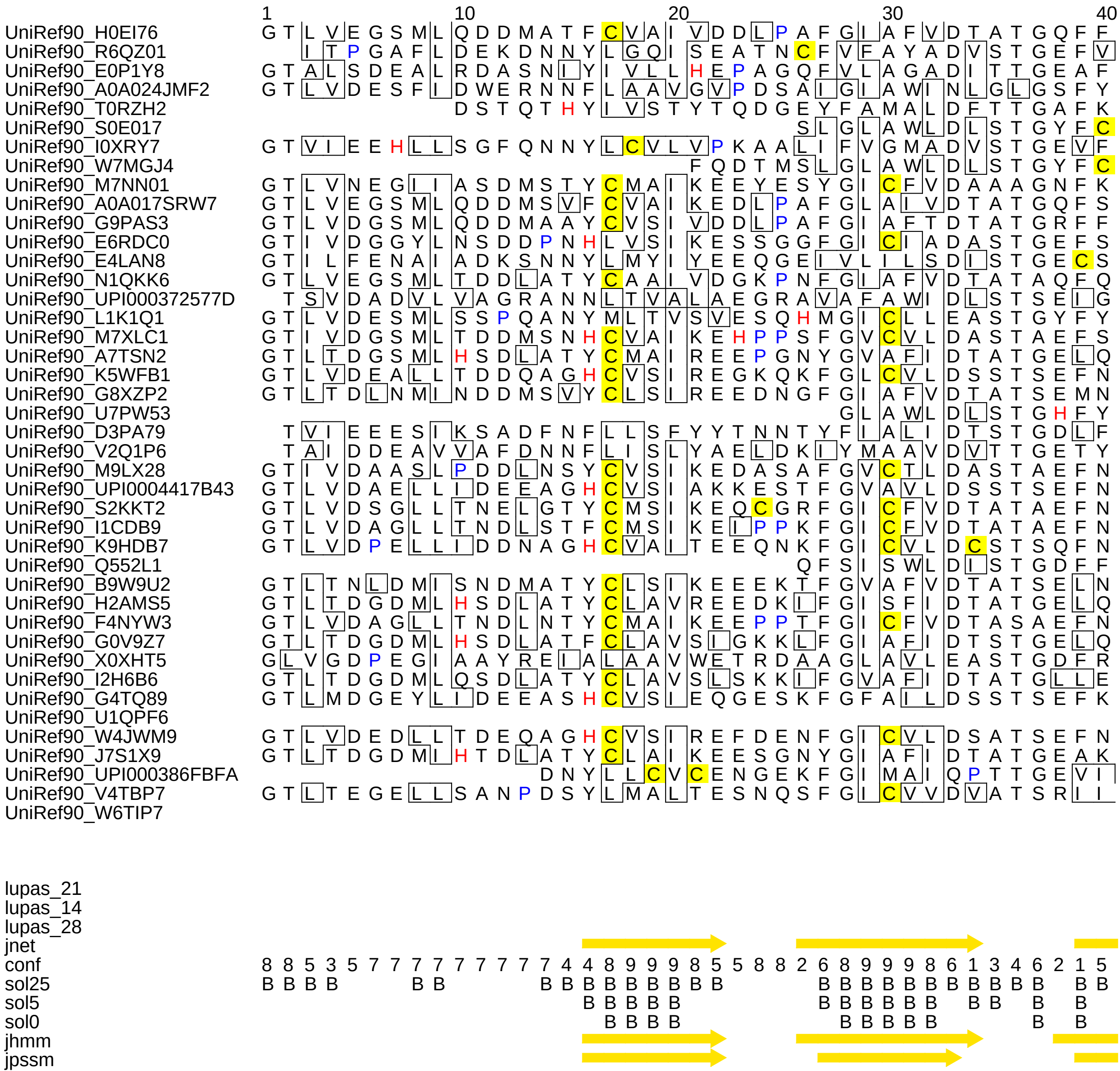

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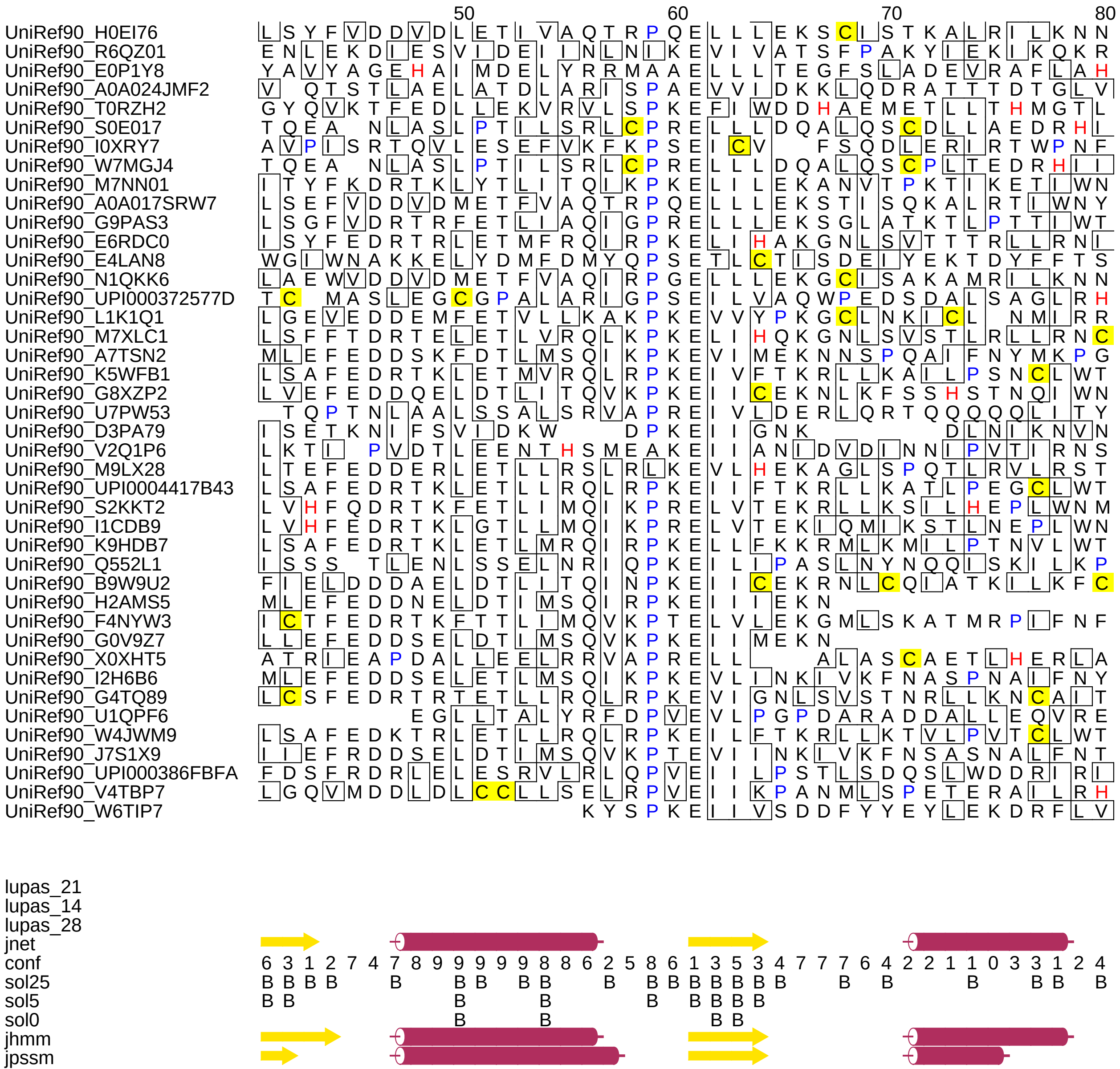

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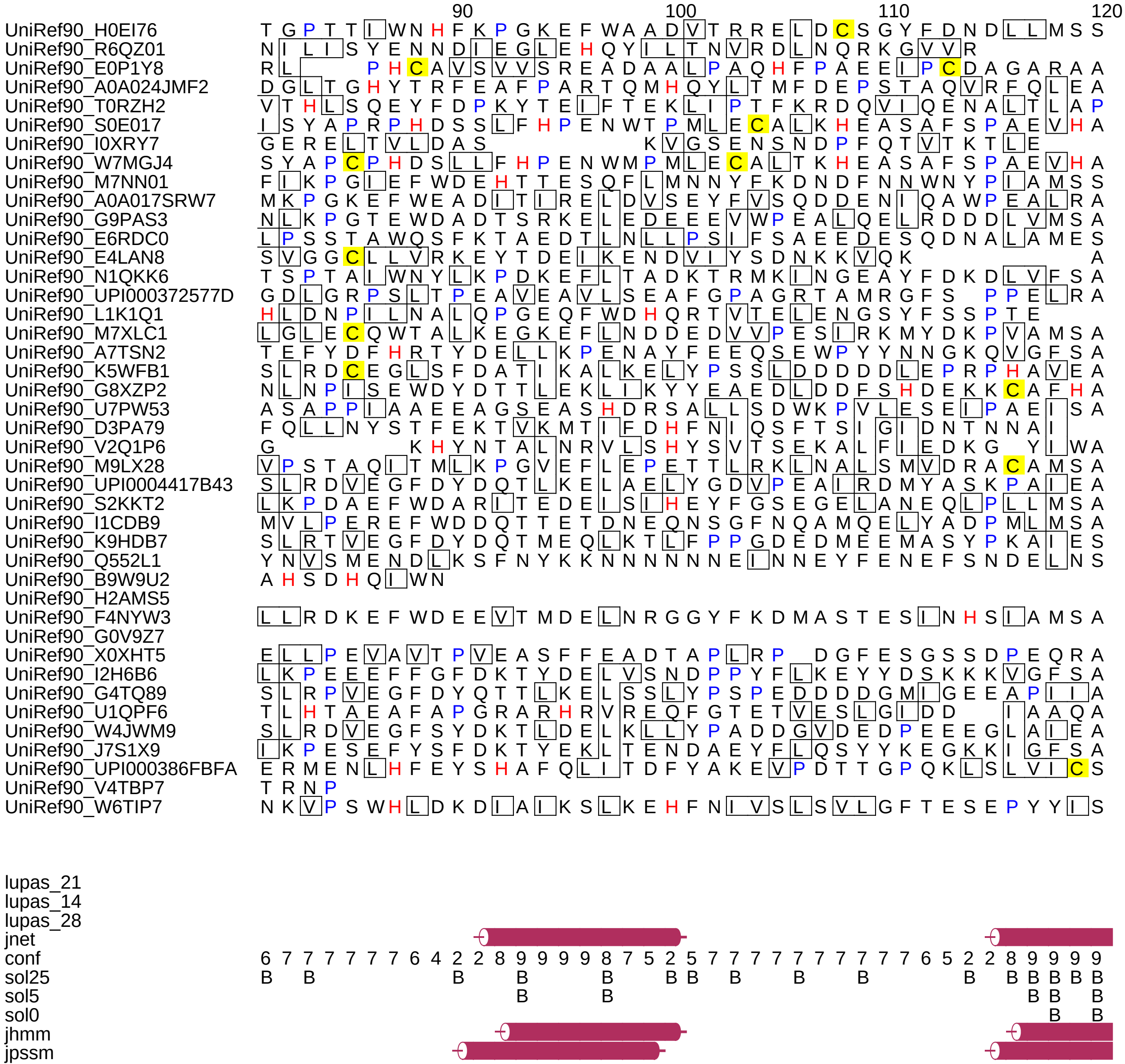
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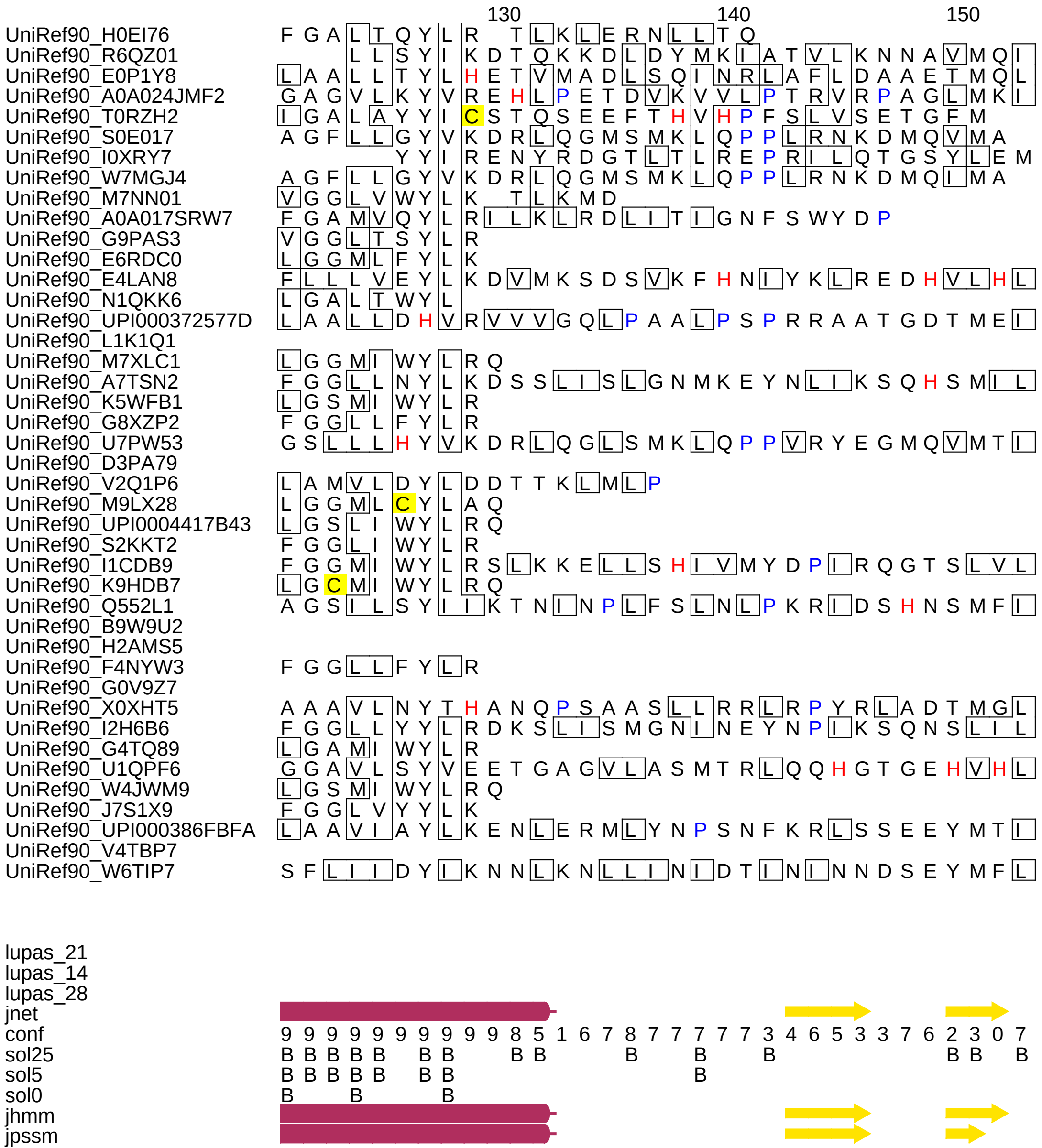

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