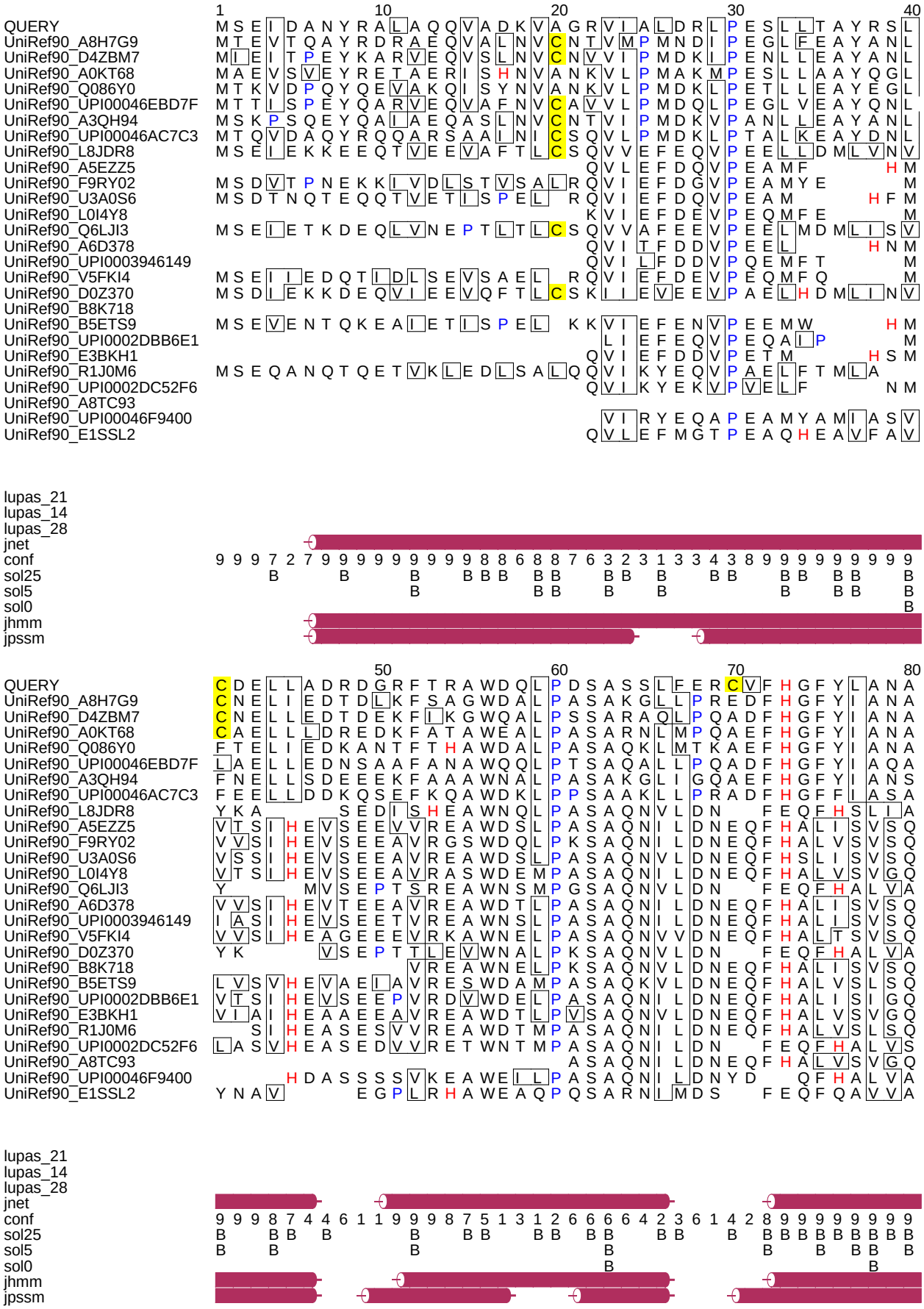
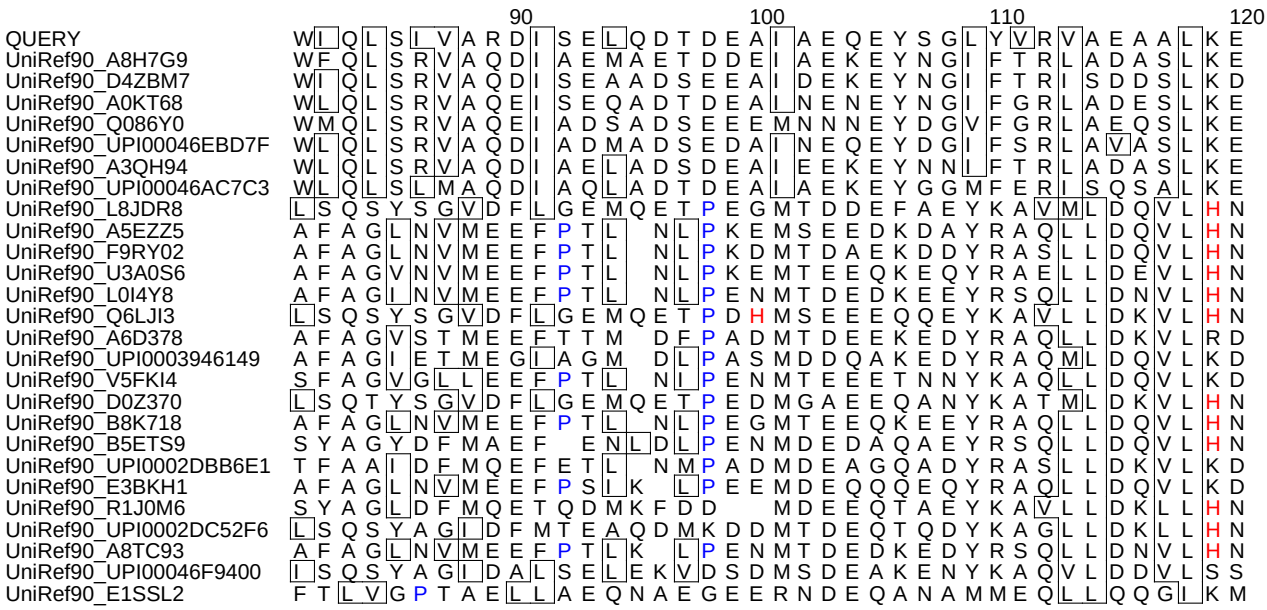
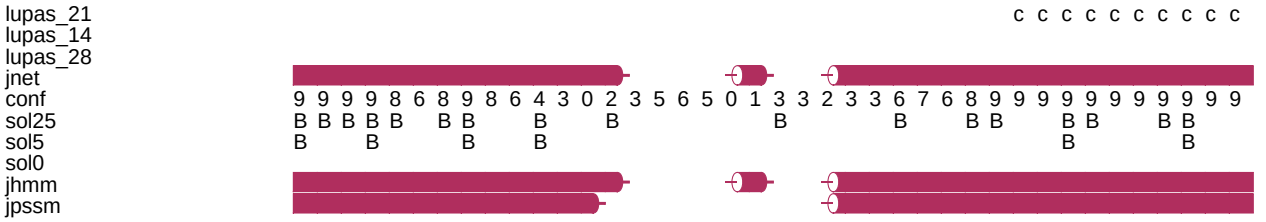
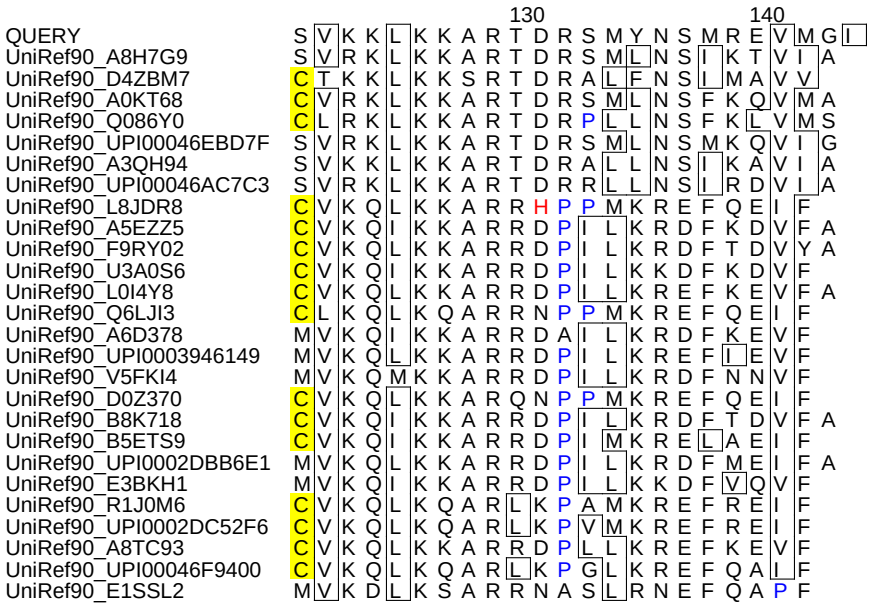
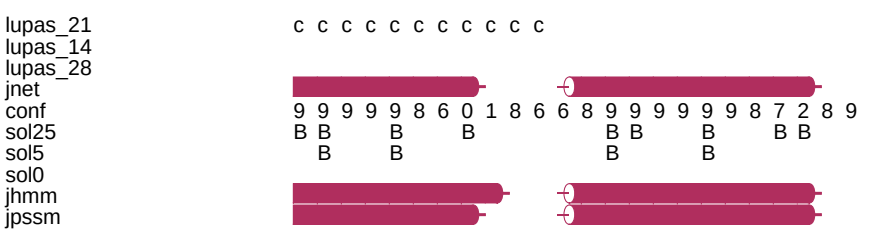

1 10 20 30 40
QUERY M S E I D A N Y R A L A Q Q V A D K V A G R V I A L D R L P E S L L T A Y R S L
UniRef90_A8H7G9 M T E V T Q A Y R D R A E Q V A L N V C N T V M P M N D I P E G L F E A Y A N L
UniRef90_D4ZBM7 M I E I T P E Y K A R V E Q V S L N V C N V V I P M D K I P E N L L E A Y A N L
UniRef90_A0KT68 M A E V S V E Y R E T A E R I S H N V A N K V L P M A K M P E S L L A A Y Q G L
UniRef90_Q086Y0 M T K V D P Q Y Q E V A K Q I S Y N V A N K V L P M D K L P E T L L E A Y E G L
UniRef90_UPI00046EBD7F M T T I S P E Y Q A R V E Q V A F N V C A V V L P M D Q L P E G L V E A Y Q N L
UniRef90_A3QH94 M S K P S Q E Y Q A I A E Q A S L N V C N T V I P M D K V P A N L L E A Y A N L
UniRef90_UPI00046AC7C3 M T Q V D A Q Y R Q Q A R S A A I N I C S Q V L P M D K L P T A L K E A Y D N L
UniRef90_L8JDR8 M S E I E K K E E Q T V E E V A F T L C S Q V V E F E Q V P E E L L D M L V N V
UniRef90_A5EZZ5 Q V L E F D Q V P E A M F H M
UniRef90_F9RY02 M S D V T P N E K K I V D L S T V S A L R Q V I E F D G V P E A M Y E M
UniRef90_U3A0S6 M S D T N Q T E Q Q T V E T I S P E L R Q V I E F D Q V P E A M H F M
UniRef90_L0I4Y8 K V I E F D E V P E Q M F E M
UniRef90_Q6LJI3 M S E I E T K D E Q L V N E P T L T L C S Q V V A F E E V P E E L M D M L I S V
UniRef90_A6D378 Q V I T F D D V P E E L H N M
UniRef90_UPI0003946149 Q V I L F D D V P Q E M F T M
UniRef90_V5FKI4 M S E I I E D Q T I D L S E V S A E L R Q V I E F D E V P E Q M F Q M
UniRef90_D0Z370 M S D I E K K D E Q V I E E V Q F T L C S K I I E V E E V P A E L H D M L I N V
UniRef90_B8K718
UniRef90_B5ETS9 M S E V E N T Q K E A I E T I S P E L K K V I E F E N V P E E M W H M
UniRef90_UPI0002DBB6E1 L I E F E Q V P E Q A I P M
UniRef90_E3BKH1 Q V I E F D D V P E T M H S M
UniRef90_R1J0M6 M S E Q A N Q T Q E T V K L E D L S A L Q Q V I K Y E Q V P A E L F T M L A
UniRef90_UPI0002DC52F6 Q V I K Y E K V P V E L F N M
UniRef90_A8TC93
UniRef90_UPI00046F9400 V I R Y E Q A P E A M Y A M I A S V
UniRef90_E1SSL2 Q V L E F M G T P E A Q H E A V F A V
lupas_21
lupas_14
lupas_28
jnet
conf 9 9 9 7 2 7 9 9 9 9 9 9 9 8 8 6 8 8 7 6 3 2 3 1 3 3 4 3 8 9 9 9 9 9 9 9 9
sol25 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
sol0 B
jhmm
jpssm
50 60 70 80
QUERY C D E L L A D R D G R F T R A W D Q L P D S A S S L F E R C V F H G F Y L A N A
UniRef90_A8H7G9 C N E L I E D T D L K F S A G W D A L P A S A K G L L P R E D F H G F Y I A N A
UniRef90_D4ZBM7 C N E L L E D T D E K F I K G W Q A L P S S A R A Q L P Q A D F H G F Y I A N A
UniRef90_A0KT68 C A E L L L D R E D K F A T A W E A L P A S A R N L M P Q A E F H G F Y I A N A
UniRef90_Q086Y0 F T E L I E D K A N T F T H A W D A L P A S A Q K L M T K A E F H G F Y I A N A
UniRef90_UPI00046EBD7F L A E L L E D N S A A F A N A W Q Q L P T S A Q A L L P Q A D F H G F Y I A Q A
UniRef90_A3QH94 F N E L L S D E E E K F A A A W N A L P A S A K G L I G Q A E F H G F Y I A N S
UniRef90_UPI00046AC7C3 F E E L L D D K Q S E F K Q A W D K L P P S A A K L L P R A D F H G F F I A S A
UniRef90_L8JDR8 Y K A S E D I S H E A W N Q L P A S A Q N V L D N F E Q F H S L I A
UniRef90_A5EZZ5 V T S I H E V S E E V V R E A W D S L P A S A Q N I L D N E Q F H A L I S V S Q
UniRef90_F9RY02 V V S I H E V S E E A V R G S W D Q L P K S A Q N I L D N E Q F H A L V S V S Q
UniRef90_U3A0S6 V S S I H E V S E E A V R E A W D S L P A S A Q N V L D N E Q F H S L I S V S Q
UniRef90_L0I4Y8 V T S I H E V S E E A V R A S W D E M P A S A Q N I L D N E Q F H A L V S V G Q
UniRef90_Q6LJI3 Y M V S E P T S R E A W N S M P G S A Q N V L D N F E Q F H A L V A
UniRef90_A6D378 V V S I H E V T E E A V R E A W D T L P A S A Q N I L D N E Q F H A L I S V S Q
UniRef90_UPI0003946149 I A S I H E V S E E T V R E A W N S L P A S A Q N I L D N E Q F H A L I S V S Q
UniRef90_V5FKI4 V V S I H E A G E E E V R K A W N E L P A S A Q N V V D N E Q F H A L T S V S Q
UniRef90_D0Z370 Y K V S E P T T L E V W N A L P K S A Q N V L D N F E Q F H A L V A
UniRef90_B8K718 V R E A W N E L P K S A Q N V L D N E Q F H A L I S V S Q
UniRef90_B5ETS9 L V S V H E V A E I A V R E S W D A M P A S A Q K V L D N E Q F H A L V S L S Q
UniRef90_UPI0002DBB6E1 V T S I H E V S E E P V R D V W D E L P A S A Q N I L D N E Q F H A L I S I G Q
UniRef90_E3BKH1 V I A I H E A A E E A V R E A W D T L P V S A Q N V L D N E Q F H A L V S V G Q
UniRef90_R1J0M6 S I H E A S E S V V R E A W D T M P A S A Q N I L D N E Q F H A L V S L S Q
UniRef90_UPI0002DC52F6 L A S V H E A S E D V V R E T W N T M P A S A Q N I L D N F E Q F H A L V S
UniRef90_A8TC93 A S A Q N I L D N E Q F H A L V S V G Q
UniRef90_UPI00046F9400 H D A S S S S V K E A W E I L P A S A Q N I L D N Y D Q F H A L V A
UniRef90_E1SSL2 Y N A V E G P L R H A W E A Q P Q S A R N I M D S F E Q F Q A V V A
lupas_21
lupas_14
lupas_28
jnet
conf 9 9 9 8 7 4 4 6 1 1 9 9 9 8 7 5 1 3 1 2 6 6 6 6 4 2 3 6 1 4 2 8 9 9 9 9 9 9 9 9
sol25 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
sol0 B
jhmm
jpssm


90
100
110
120
QUERY
UniRef90_A8H7G9
UniRef90_D4ZBM7
UniRef90_A0KT68
UniRef90_Q086Y0
UniRef90_UPI00046EBD7F
UniRef90_A3QH94
UniRef90_UPI00046AC7C3
UniRef90_L8JDR8
UniRef90_A5EZZ5
UniRef90_F9RY02
UniRef90_U3A0S6
UniRef90_L0I4Y8
UniRef90_Q6LJI3
UniRef90_A6D378
UniRef90_UPI0003946149
UniRef90_V5FKI4
UniRef90_D0Z370
UniRef90_B8K718
UniRef90_B5ETS9
UniRef90_UPI0002DBB6E1
UniRef90_E3BKH1
UniRef90_R1J0M6
UniRef90_UPI0002DC52F6
UniRef90_A8TC93
UniRef90_UPI00046F9400
UniRef90_E1SSL2


lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


130
140
QUERY
UniRef90_A8H7G9
UniRef90_D4ZBM7
UniRef90_A0KT68
UniRef90_Q086Y0
UniRef90_UPI00046EBD7F
UniRef90_A3QH94
UniRef90_UPI00046AC7C3
UniRef90_L8JDR8
UniRef90_A5EZZ5
UniRef90_F9RY02
UniRef90_U3A0S6
UniRef90_L0I4Y8
UniRef90_Q6LJI3
UniRef90_A6D378
UniRef90_UPI0003946149
UniRef90_V5FKI4
UniRef90_D0Z370
UniRef90_B8K718
UniRef90_B5ETS9
UniRef90_UPI0002DBB6E1
UniRef90_E3BKH1
UniRef90_R1J0M6
UniRef90_UPI0002DC52F6
UniRef90_A8TC93
UniRef90_UPI00046F9400
UniRef90_E1SSL2


lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm