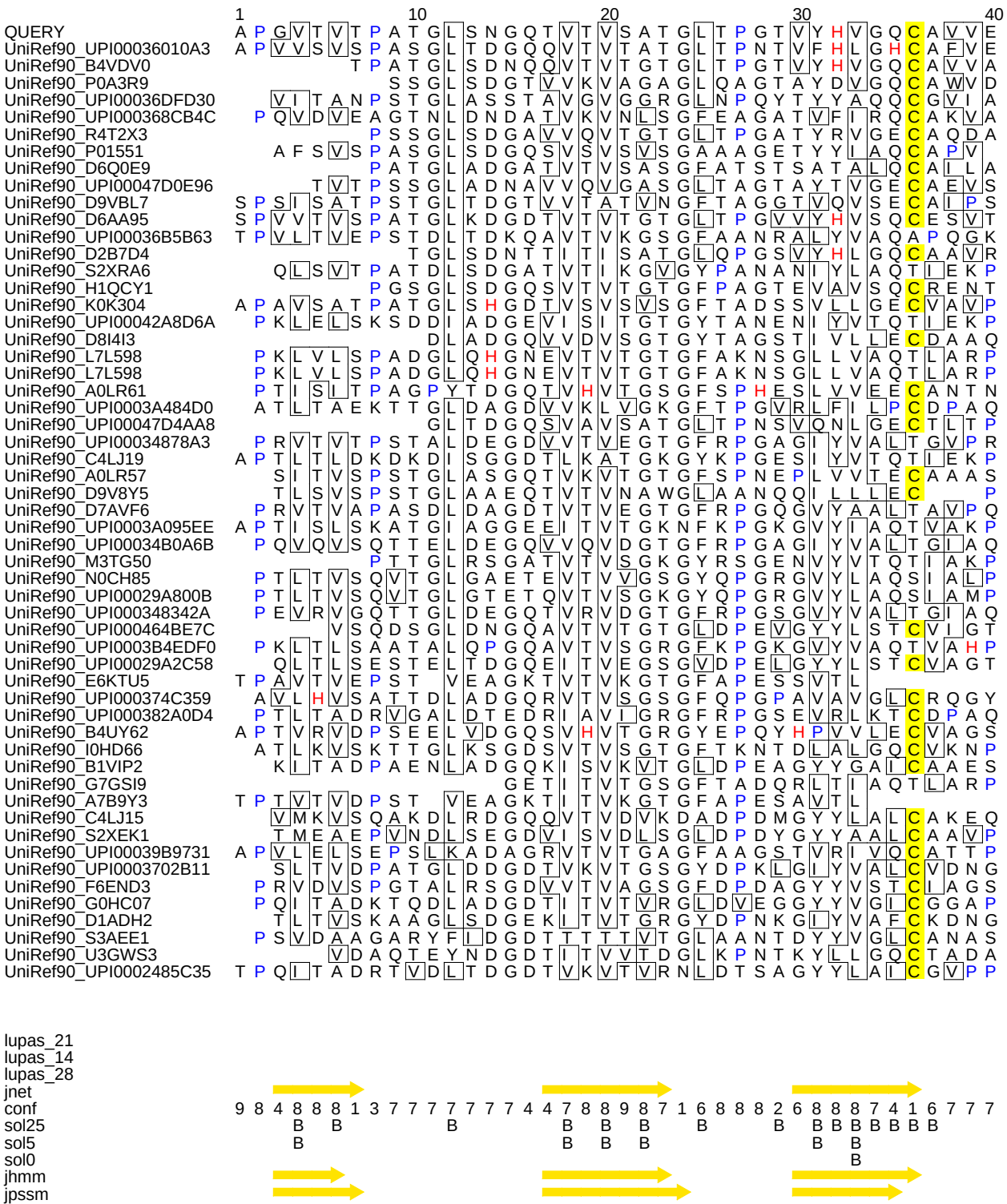
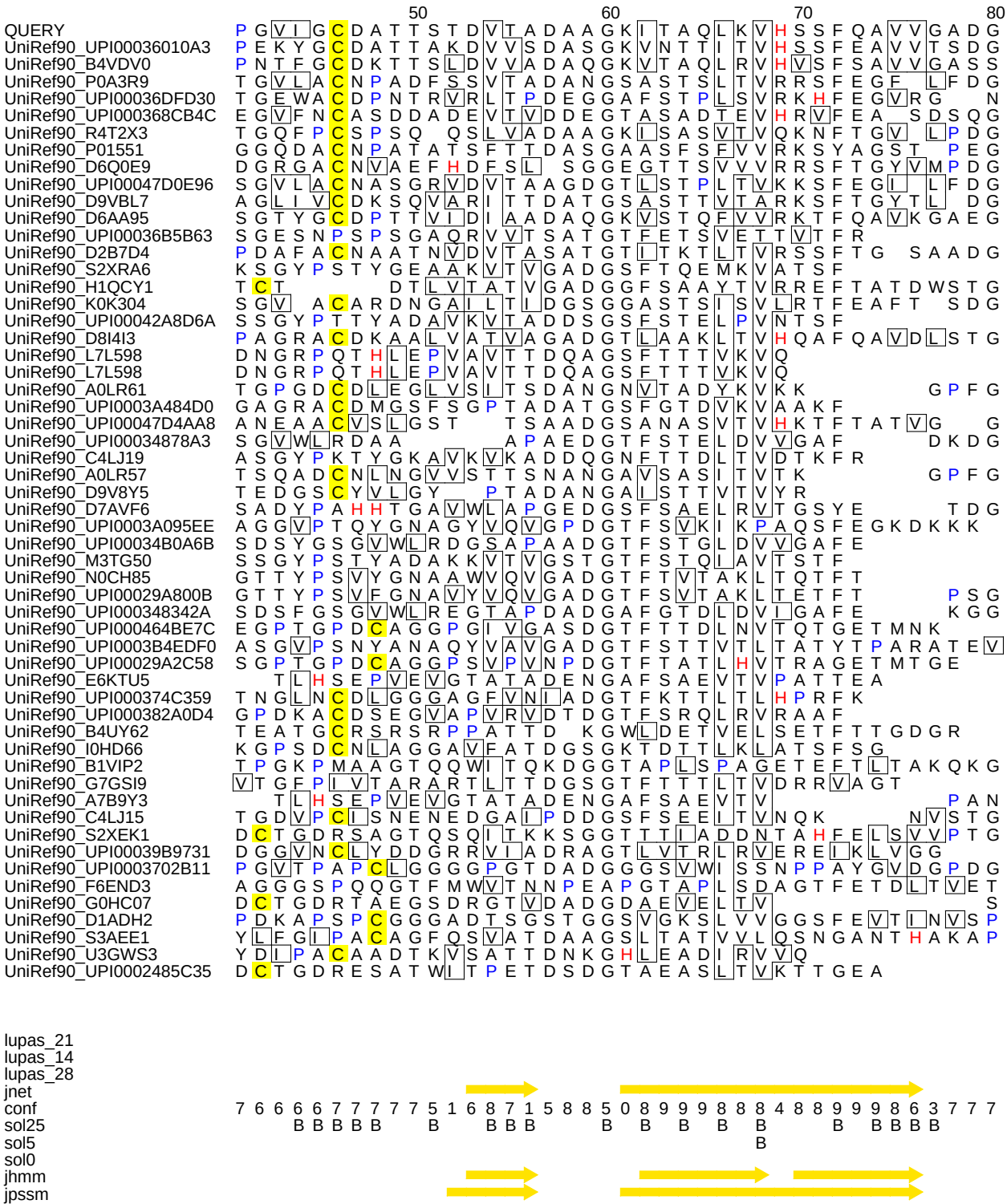
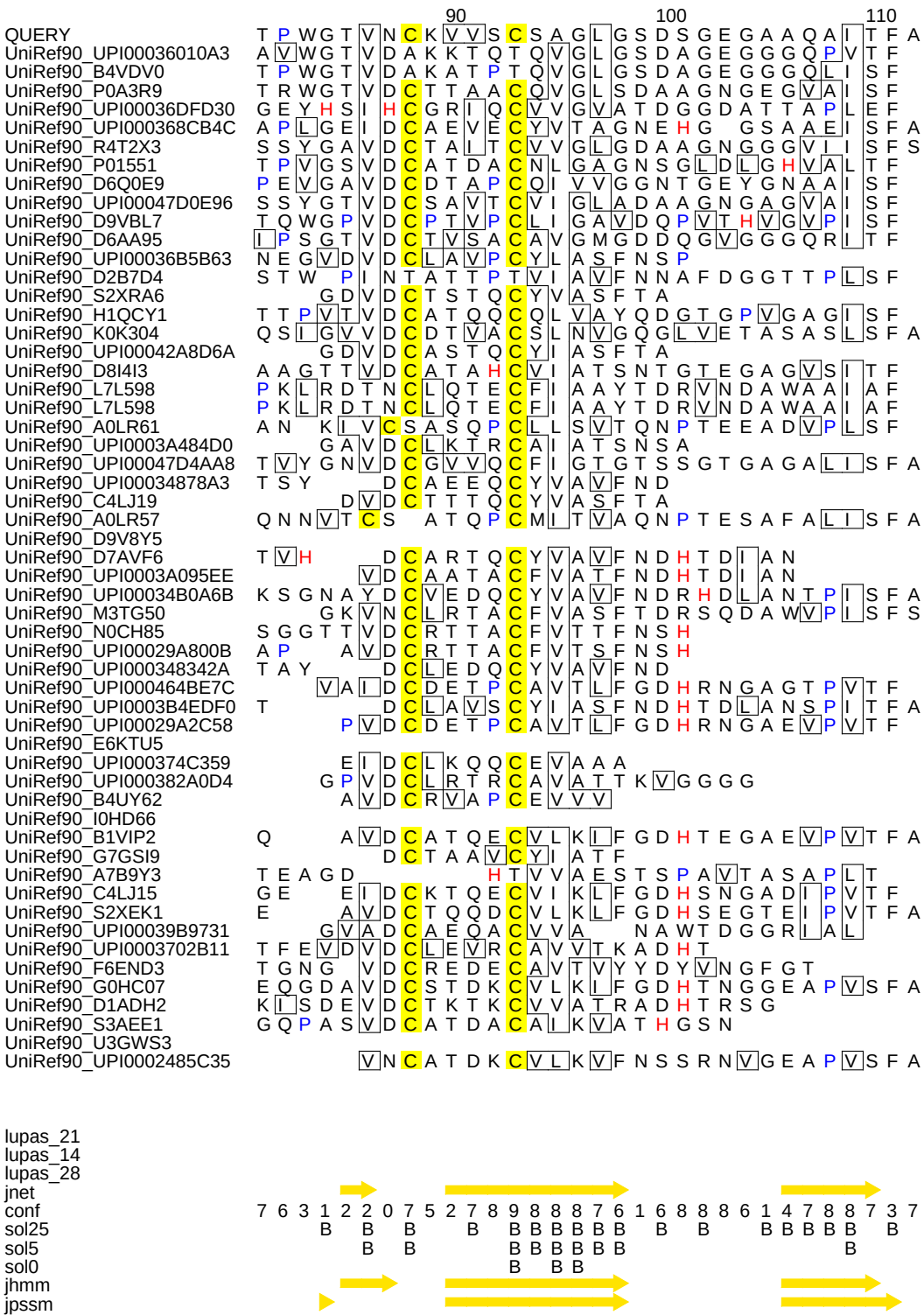

1 10 20 30 40
QUERY A P G V T V T P A T G L S N G Q T V T V S A T G L T P G T V Y H V G Q C A V V E
UniRef90_UPI00036010A3 A P V V S V S P A S G L T D G Q Q V T V T A T G L T P N T V F H L G H C A F V E
UniRef90_B4VDV0 T P A T G L S D N Q Q V T V T G T G L T P G T V Y H V G Q C A V V A
UniRef90_P0A3R9 S S G L S D G T V V K V A G A G L Q A G T A Y D V G Q C A W V D
UniRef90_UPI00036DFD30 V I T A N P S T G L A S S T A V G V G G R G L N P Q Y T Y Y A Q Q C G V I A
UniRef90_UPI000368CB4C P Q V D V E A G T N L D N D A T V K V N L S G F E A G A T V F I R Q C A K V A
UniRef90_R4T2X3 P S S G L S D G A V V Q V T G T G L T P G A T Y R V G E C A Q D A
UniRef90_P01551 A F S V S P A S G L S D G Q S V S V S V S G A A A G E T Y Y I A Q C A P V
UniRef90_D6Q0E9 P A T G L A D G A T V T V S A S G F A T S T S A T A L Q C A I L A
UniRef90_UPI00047D0E96 T V T P S S G L A D N A V V Q V G A S G L T A G T A Y T V G E C A E V S
UniRef90_D9VBL7 S P S I S A T P S T G L T D G T V V T A T V N G F T A G G T V Q V S E C A I P S
UniRef90_D6AA95 S P V V T V S P A T G L K D G D T V T V T G T G L T P G V V Y H V S Q C E S V T
UniRef90_UPI00036B5B63 T P V L T V E P S T D L T D K Q A V T V K G S G F A A N R A L Y V A Q A P Q G K
UniRef90_D2B7D4 T G L S D N T T I T I S A T G L Q P G S V Y H L G Q C A A V R
UniRef90_S2XRA6 Q L S V T P A T D L S D G A T V T I K G V G Y P A N A N I Y L A Q T I E K P
UniRef90_H1QCY1 P G S G L S D G Q S V T V T G T G F P A G T E V A V S Q C R E N T
UniRef90_K0K304 A P A V S A T P A T G L S H G D T V S V S V S G F T A D S S V L L G E C V A V P
UniRef90_UPI00042A8D6A P K L E L S K S D D I A D G E V I S I T G T G Y T A N E N I Y V T Q T I E K P
UniRef90_D8I4I3 D L A D G Q V V D V S G T G Y T A G S T I V L L E C D A A Q
UniRef90_L7L598 P K L V L S P A D G L Q H G N E V T V T G T G F A K N S G L L V A Q T L A R P
UniRef90_L7L598 P K L V L S P A D G L Q H G N E V T V T G T G F A K N S G L L V A Q T L A R P
UniRef90_A0LR61 P T I S I T P A G P Y T D G Q T V H V T G S G F S P H E S L V V E E C A N T N
UniRef90_UPI0003A484D0 A T L T A E K T T G L D A G D V V K L V G K G F T P G V R L F I L P C D P A Q
UniRef90_UPI00047D4AA8 G L T D G Q S V A V S A T G L T P N S V Q N L G E C T L T P
UniRef90_UPI00034878A3 P R V T V T P S T A L D E G D V V T V E G T G F R P G A G I Y V A L T G V P R
UniRef90_C4LJ19 A P T L T L D K D K D I S G G D T L K A T G K G Y K P G E S I Y V T Q T I E K P
UniRef90_A0LR57 S I T V S P S T G L A S G Q T V K V T G T G F S P N E P L V V T E C A A A S
UniRef90_D9V8Y5 T L S V S P S T G L A A E Q T V T V N A W G L A A N Q Q I L L L E C P
UniRef90_D7AVF6 P R V T V A P A S D L D A G D T V T V E G T G F R P G Q G V Y A A L T A V P Q
UniRef90_UPI0003A095EE A P T I S L S K A T G I A G G E E I T V T G K N F K P G K G V Y I A Q T V A K P
UniRef90_UPI00034B0A6B P Q V Q V S Q T T E L D E G Q V V Q V D G T G F R P G A G I Y V A L T G I A Q
UniRef90_M3TG50 P T T G L R S G A T V T V S G K G Y R S G E N V Y V T Q T I A K P
UniRef90_N0CH85 P T L T V S Q V T G L G A E T E V T V V G S G Y Q P G R G V Y L A Q S I A L P
UniRef90_UPI00029A800B P T L T V S Q V T G L G T E T Q V T V S G K G Y Q P G R G V Y L A Q S I A M P
UniRef90_UPI000348342A P E V R V G Q T T G L D E G Q T V R V D G T G F R P G S G V Y V A L T G I A Q
UniRef90_UPI000464BE7C V S Q D S G L D N G Q A V T V T G T G L D P E V G Y Y L S T C V I G T
UniRef90_UPI0003B4EDF0 P K L T L S A A T A L Q P G Q A V T V S G R G F K P G K G V Y V A Q T V A H P
UniRef90_UPI00029A2C58 Q L T L S E S T E L T D G Q E I T V E G S G V D P E L G Y Y L S T C V A G T
UniRef90_E6KTU5 T P A V T V E P S T V E A G K T V T V K G T G F A P E S S V T L
UniRef90_UPI000374C359 A V L H V S A T T D L A D G Q R V T V S G S G F Q P G P A V A V G L C R Q G Y
UniRef90_UPI000382A0D4 P T L T A D R V G A L D T E D R I A V I G R G F R P G S E V R L K T C D P A Q
UniRef90_B4UY62 A P T V R V D P S E E L V D G Q S V H V T G R G Y E P Q Y H P V V L E C V A G S
UniRef90_I0HD66 A T L K V S K T T G L K S G D S V T V S G T G F T K N T D L A L G Q C V K N P
UniRef90_B1VIP2 K I T A D P A E N L A D G Q K I S V K V T G L D P E A G Y Y G A I C A A E S
UniRef90_G7GSI9 G E T I T V T G S G F T A D Q R L T I A Q T L A R P
UniRef90_A7B9Y3 T P T V T V D P S T V E A G K T I T V K G T G F A P E S A V T L
UniRef90_C4LJ15 V M K V S Q A K D L R D G Q Q V T V D V K D A D P D M G Y Y L A L C A K E Q
UniRef90_S2XEK1 T M E A E P V N D L S E G D V I S V D L S G L D P D Y G Y Y A A L C A A V P
UniRef90_UPI00039B9731 A P V L E L S E P S L K A D A G R V T V T G A G F A A G S T V R I V Q C A T T P
UniRef90_UPI0003702B11 S L T V D P A T G L D D G D T V K V T G S G Y D P K L G I Y V A L C V D N G
UniRef90_F6END3 P R V D V S P G T A L R S G D V V T V A G S G F D P D A G Y Y V S T C I A G S
UniRef90_G0HC07 P Q I T A D K T Q D L A D G D T I T V T V R G L D V E G G Y Y V G I C G G A P
UniRef90_D1ADH2 T L T V S K A A G L S D G E K I T V T G R G Y D P N K G I Y V A F C K D N G
UniRef90_S3AEE1 P S V D A A G A R Y F I D G D T T T T V T G L A A N T D Y Y V G L C A N A S
UniRef90_U3GWS3 V D A Q T E Y N D G D T I T V V T D G L K P N T K Y L L G Q C T A D A
UniRef90_UPI0002485C35 T P Q I T A D R T V D L T D G D T V K V T V R N L D T S A G Y Y L A I C G V P P
lupas_21
lupas_14
lupas_28
jnet
conf 9 8 4 8 8 8 1 3 7 7 7 7 7 7 7 4 4 7 8 8 9 8 7 1 6 8 8 8 2 6 8 8 8 7 4 1 6 7 7 7
sol25 B B B


50
60
70
80
QUERY
UniRef90_UPI00036010A3
UniRef90_B4VDV0
UniRef90_P0A3R9
UniRef90_UPI00036DFD30
UniRef90_UPI000368CB4C
UniRef90_R4T2X3
UniRef90_P01551
UniRef90_D6Q0E9
UniRef90_UPI00047D0E96
UniRef90_D9VBL7
UniRef90_D6AA95
UniRef90_UPI00036B5B63
UniRef90_D2B7D4
UniRef90_S2XRA6
UniRef90_H1QCY1
UniRef90_K0K304
UniRef90_UPI00042A8D6A
UniRef90_D8I4I3
UniRef90_L7L598
UniRef90_L7L598
UniRef90_A0LR61
UniRef90_UPI0003A484D0
UniRef90_UPI00047D4AA8
UniRef90_UPI00034878A3
UniRef90_C4LJ19
UniRef90_A0LR57
UniRef90_D9V8Y5
UniRef90_D7AVF6
UniRef90_UPI0003A095EE
UniRef90_UPI00034B0A6B
UniRef90_M3TG50
UniRef90_N0CH85
UniRef90_UPI00029A800B
UniRef90_UPI000348342A
UniRef90_UPI000464BE7C
UniRef90_UPI0003B4EDF0
UniRef90_UPI00029A2C58
UniRef90_E6KTU5
UniRef90_UPI000374C359
UniRef90_UPI000382A0D4
UniRef90_B4UY62
UniRef90_I0HD66
UniRef90_B1VIP2
UniRef90_G7GSI9
UniRef90_A7B9Y3
UniRef90_C4LJ15
UniRef90_S2XEK1
UniRef90_UPI00039B9731
UniRef90_UPI0003702B11
UniRef90_F6END3
UniRef90_G0HC07
UniRef90_D1ADH2
UniRef90_S3AEE1
UniRef90_U3GWS3
UniRef90_UPI0002485C35
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm


90
100
110
QUERY
UniRef90_UPI00036010A3
UniRef90_B4VDV0
UniRef90_P0A3R9
UniRef90_UPI00036DFD30
UniRef90_UPI000368CB4C
UniRef90_R4T2X3
UniRef90_P01551
UniRef90_D6Q0E9
UniRef90_UPI00047D0E96
UniRef90_D9VBL7
UniRef90_D6AA95
UniRef90_UPI00036B5B63
UniRef90_D2B7D4
UniRef90_S2XRA6
UniRef90_H1QCY1
UniRef90_K0K304
UniRef90_UPI00042A8D6A
UniRef90_D8I4I3
UniRef90_L7L598
UniRef90_L7L598
UniRef90_A0LR61
UniRef90_UPI0003A484D0
UniRef90_UPI00047D4AA8
UniRef90_UPI00034878A3
UniRef90_C4LJ19
UniRef90_A0LR57
UniRef90_D9V8Y5
UniRef90_D7AVF6
UniRef90_UPI0003A095EE
UniRef90_UPI00034B0A6B
UniRef90_M3TG50
UniRef90_N0CH85
UniRef90_UPI00029A800B
UniRef90_UPI000348342A
UniRef90_UPI000464BE7C
UniRef90_UPI0003B4EDF0
UniRef90_UPI00029A2C58
UniRef90_E6KTU5
UniRef90_UPI000374C359
UniRef90_UPI000382A0D4
UniRef90_B4UY62
UniRef90_I0HD66
UniRef90_B1VIP2
UniRef90_G7GSI9
UniRef90_A7B9Y3
UniRef90_C4LJ15
UniRef90_S2XEK1
UniRef90_UPI00039B9731
UniRef90_UPI0003702B11
UniRef90_F6END3
UniRef90_G0HC07
UniRef90_D1ADH2
UniRef90_S3AEE1
UniRef90_U3GWS3
UniRef90_UPI0002485C35
lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm