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UniRef90_D2CZY1         D P L A F L R D Q P Q F Q Q M R A V I Q Q N P N L L N A V L Q Q I G Q T N P A
UniRef90_B4NHX4         A D P F E F L R S Q P Q F L Q M R S L I Y Q N P Q L L D A V L Q Q I G Q T N P A
UniRef90_E9FR61         D P L A F L R S Q P Q F A Q M R Q V V Q Q N P S L L N A I L Q Q I G Q T N P A
UniRef90_Q3TJ52         G H P L E F L R N Q P Q F Q Q M R Q I I Q Q N P S L L P A L L Q Q I G R E N P Q
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UniRef90_V9KXP7         L L Q Q I  T Q H Q E Q F V Q M L N D P V G
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UniRef90_E9FR61         L L Q M I  S Q N Q A A F F R M L T E P
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UniRef90_O03991         L L R Q I  Q E H H E E F L Q L I N E P V
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UniRef90_S8AHR2         L A N L I  Q Q N P E A F L Q L L S E G I
UniRef90_T1KYQ6         L Y E L I  N R N Q E N F V Q M L N E P
UniRef90_G1TPF4         L S Q Q I  I Q H R D Y F I H M L H E P
UniRef90_M3DCG5         L A Q I I  T Q H P E Q F M Q L A E D A G
UniRef90_UPI0002B41A6A  L L R L I  Q D H Q A E F L Q L I N E P L
UniRef90_E0YL18         L L Q L I  S E N Q E A F V N M L N E
UniRef90_L0PF98         L A T L I  N Q N S D A F L Q L S E G M
UniRef90_B6JX15         L A Q I I  S Q N P E A F L Q L L A E G V
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UniRef90_D8R1C4         L L R L I  N E N H V E F L R L I S E A G G
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UniRef90_T2MFN5         L L Q L I  S Q N Q E A F I A L L N E P
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UniRef90_Q1JTK9         L L E L I  T Q N Q D A F L E M L
UniRef90_T1PGR1         L L A V I  R E N Q D E F V A M L N E
UniRef90_U4LX36         L A T L I  S Q N P D A F L S L L A E
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UniRef90_R7ULA6         L F Q M I  N E N Q E R F V Q M L N D P
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UniRef90_M2Y6W5         L L D L I  H Q N Q Q E F V R L L N E P
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UniRef90_G1U269             E E M  S Q H E E H F H Q M L N E P
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UniRef90_T1DHH0         L M R I I  A E N Q E E F L A M L N E
UniRef90_W4K3N4         M A Q L I  A Q N P E A L F Q L L
UniRef90_UPI0002A4A16B  L L Q
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UniRef90_M1VHP3              L D I I R R L P H F A L L R R A I Q Q D P S Q I Q S L L A E L R R M N P D
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sol25           B     B B     B B   B         B B       B B         B B       B
sol5            B     B         B         B         B             B       B B   B
sol0                                                                  B
jhmm
jpssm
```
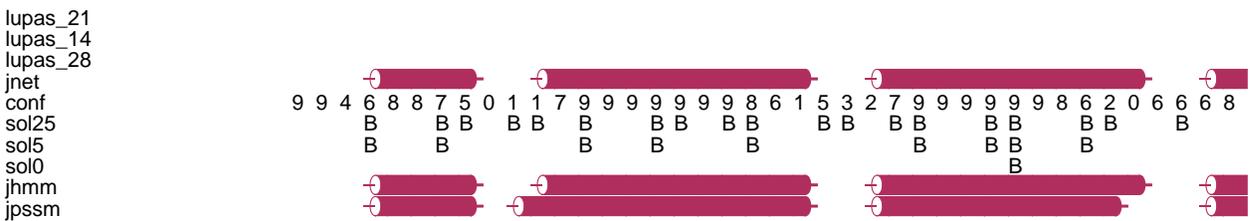
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UniRef90_I1QNV2         I L Q L I Q E N Q A E F L H L I N E P
UniRef90_C4Y3W2         A A Q L I E Q D P E A F I S T L
UniRef90_G0NIL4         L V R T I Q N N Q Q E F M D M L N
UniRef90_B0FCA1         L V Q F I L D N K A D F L R L
UniRef90_A9RDF0         L L R L I N E N Q A E F L R L I N
UniRef90_UPI0004417C4B  L A N Q L A N N P E M L L Q V L
UniRef90_U6I9Q0         L I N A I Q E N E S A F L D F V N
UniRef90_I4Y8S6         L A Q L L A Q N P Q A L L D L L S
UniRef90_S7RQW5         L A Q I L A S N P E A L Y Q L L
UniRef90_A0A015L9K5     L L Q L I N N D P A N F L R I L
UniRef90_L2FRD3         L A Q L I A N N P D Q F L Q L L G E E V
UniRef90_R7W1Y2         L L R L I Q E N N D E F L Q L L N E
UniRef90_M9LJ81         L A E A M N H D P Q G V L S L L
UniRef90_X6NYK9         L L Q A I Q Q N P A A L Q Q V L Q D P
UniRef90_H2YVF2         L Y
UniRef90_G0S673         L A H V I A T N P D Q F L E L L S E
UniRef90_R1CVA0         L L A A I N S N Q Q A F L E M M N Q P I
UniRef90_A0CI08         L Y Q Q I Q Q N P E T L I Q L L
UniRef90_Q6CM86         L R E T M L Q D P Q R F I S L L L E A V G
UniRef90_Q9VCD5         T F E V F Q R N Q E E L M N M I S
UniRef90_E9BKW8         L F Q V I V Q N Q E T F V T L M N
UniRef90_B4PL24         A F E A V Q H D Q E G F M S M L
UniRef90_V5GR64         L A E A M N A D P Q
UniRef90_D6RLD7         I A Q I I G S D P D
UniRef90_T1PPI3
UniRef90_M4CWQ0         I F V L I Q D N K A L F L R S L L E V Q G
```

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lupas_21
lupas_14
lupas_28
jnet
conf     9 9 9 9 9 8 6 0 7 9 9 9 9 9 8 5 1 7 9 9 9
sol25    B B   B B     B B     B B   B B
sol5     B       B           B B   B B
sol0                           B
jhmm
jpssm
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