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                    1                   10                  20                  30                  40
QUERY          M D V K H I A K Q T T K T L I S Y L T Y Q A V R T V I G Q L A E T D P P R S L W
UniRef90_K9U8A9      M D I K R I A K D T A K T L Q S Y L T Y Q A V R T V L A Q I G E T N P P L A L W
UniRef90_D8G0T6      M D I K Q V A K D T A K V L A S Y L T Y Q A V R I V I A Q L S E T N P P V A L W
UniRef90_K9W591      M D L K Q V A K V L S S Y L T Y Q A V R I I L T Q L T E T N P P L A Y W
UniRef90_UPI0003646512  M N I K Q I A K D T A K T L Q S Y L T Y Q A L R T V L L Q L D E T N P P L A Y W
UniRef90_Q10WH7      M D I K K V A K D T A K V L T S Y L T Y Q A V R T V T N Q L R E T N P P L G I W
UniRef90_B4VHV7      M D L K R V A K D T A K V L N Y M T Y Q A L R T V L D D Q L G E T D P P Q A L W
UniRef90_Q2JIP4      M D L K Q I A K D T A K T L I S Y L T Y Q A M R T V L A Q L S E T D P P R A L W
UniRef90_B4WNZ9      M D L K R I A K D T A Q V L K S Y L T Y Q A V R I V L G Q L K E T N L P R H R W
UniRef90_D4TRB1      M N L R E I A K E T A K T L Q S Y L T Y Q A L R I V L V Q L N E T N P P L A V W
UniRef90_UPI00036723E1  M N L K Q I A K D T A K T L Q S Y L T Y Q A L K T V L N Q L G E T N P P L A L W
UniRef90_UPI000346506F  M D L K R I A K A T A K T L S S Y L T Y E A M R T V V D Q L Q E T N P P L A H W
UniRef90_K9TDS4      M D L K Q I A K D T A K V M S S Y L T Y Q A M R I V V S Q L N E T N P P L A Y W
UniRef90_K9SVB9      M D L K Q V A K D T T K V L S S Y L T Y Q A V K V V I S Q L S E T N P P L A I W
UniRef90_UPI00034A4B8C  M D V K Q I A K E T A K V L A S Y L T Y Q A V R T V M A Q L S E T N P P L A I W
UniRef90_K9SEA2      M D L K S L A K Q T A K V T I S Y L T Y Q A V R V I V N Q L N E T D P P R G H W
UniRef90_K9FJF4      M D L K R I A K D T A K T L T S Y L T Y Q A V R I V M G Q L R E T N L P R S Y W
UniRef90_D0PTI5      M D I K Q V A K E T S K V L A S Y L T Y Q A V R I I T N Q L R E T N P G Q A I W
UniRef90_B0JVL7      M Y P K K V V Q D T A K V L Q S Y L T Y Q A V R T I I D Q L S E T N P T L A I W
UniRef90_B7JVW6      M N C K Q V A K D T A R V L Q N Y L T Y Q A V R T I I N Q L S E T N P S Q A L W
UniRef90_UPI00031E1F80  M D L K Q T A K D T A K V L T S Y L T F Q A V K T V L N Q L K E T N P A R A Y W
UniRef90_K9RFS7      M N I K Q I A K D T A K M L Q S Y L T Y Q A V R T V S A Q I N E T N P Y V A A W
UniRef90_M1X1N2      M N L K Q I A K D T A K T L Q H Y M T Y Q A I K T V L I Q L S E T N P P Q W L W
UniRef90_B0CCC0      M D Q K R V A K D T A Q V L I S Y L T Y Q A A K L V V T Q L Y E T N P G L G I W
UniRef90_K9XPC6      M Y P K Q I A K D T A K V L Q S Y L T Y Q A V R T I I S Q L S E T N P N Q A I W
UniRef90_UPI00036F069F  M D L K R I A K D T T K T L T S Y L T Y Q A V R V V Y A Q L D E T D P K K A Y W
UniRef90_UPI00036F4EF8  M N S K H I A K N T A K V L Q N Y L T Y Q A V K T I A E Q L A E T N P S E S I W
UniRef90_B8HQS4      M D L K Q I S K D T T K T L I S Y L T Y Q A V R V V L A Q L D E T E P K R A Y W
UniRef90_UPI0002D8F2A2  M N P K Q I A K D T A K V L Q S Y L T Y Q A V R T I V D Q L S E T N P T Q A L W
UniRef90_K9PUY6      M E F K D I A K E T A K T L R N Y L T Y Q A V R L I S Q Q L G E T N P G Q A I W
UniRef90_L8LWP9      M Y P K Q V A A E T A K V L Q S Y L T Y Q A I K T I I A Q L A E T N P P M A L W
UniRef90_UPI00034689CD  M D R K H I A K K T A E V I I S Y L T Y Q A M R T V R E Q L R E V H P V K A V W
UniRef90_R9TFZ7      M N L K Q I A K D T A K T L I S Y L T Y Q A L R T V L A Q L S E T N P P L E L W
UniRef90_K9SF09      M D L K S V A K A T S K V L I S Y L T Y Q A M R T V V S Q L Q Q T N P P L A H W
UniRef90_K9Z232      M S Y K Q I A K D T A K V L Q S Y L T F Q A V K I I I N Q L T E T N P R Q A I W
UniRef90_UPI0003491954  M Y P K K V A N Q T A E V L Q S Y L T Y Q A V R T I I D Q L S E T N P S Q A I W
UniRef90_F4XYB6      M D L K R V A K D T A K V L A S Y M T Y Q A L R T V V N Q L R E T D P P R A L W
UniRef90_K9YFK9      M N S K R V A Q E T A Q V L Q D Y L T Y Q A V R T I L D Q L S E T N P T Q A I W
UniRef90_Q7NIM6      M D L K A I T K A T A K V L V S Y L T Y Q A V R V V L D Q L R E T D P Q R A I W
UniRef90_B1WXH2      M Y P K K I A N D T A E V I Q N Y L T Y Q A V R I I L D Q L S E T N P K Q A I W
UniRef90_L8M8P0      M N S K K I A Q D T A K V L Q D Y L T Y Q A V K V I V A Q L T E T N P G E A I W
UniRef90_A7Y490      M D L K Q I A K D T S K T L I S Y L T F Q A M R T V M L Q L S E T D P P R A L R
UniRef90_D7T307               N D V K K Q I Q N Y F T F K A V R T V L N Q L Y E M N P T E Y T W
UniRef90_I1M6C0               D V K K Q I L N Y F T Y K A V R T V L Q Q L Y E M N P P Q Y R W
UniRef90_UPI000348DD21  M D L R K I S R D S A Q T L A N Y L T Y Q A V R V V L D D Q L T E T N P P Q S L W
UniRef90_F1C5F5      M D L K K I A N D T T T T L V S Y L T Y Q A V R V V Y E Q L D E T E P K R A Y W
UniRef90_K9YGL0      M S Y K Q T V K D T A K V L Q G Y L T Y Q A V K L I I E Q L T E T N P S L A I W
UniRef90_K4AFF5               D V Q L Q L M N Y F T Y K A V R T V L T Q L Y E M N P S N Y R W
UniRef90_K4D9I4              S D I K T Q I L N Y F T Y K A V R T V L N Q L N E M N P P Q Y H W
UniRef90_U5DA05      M D L D R I V R E T A K T L Q D Y L T Y Q A V R Q I I A Q L S E T N P P Q A I W
UniRef90_F7US62      M Q T K H I A Q A T V K V L Q S Y L T Y Q A V L R I Q S E L G E T N P P Q A I W
UniRef90_A0A022QTW9           D V K T Q I L N Y F T Y K A V R T V L N Q L Y E M N P P Q Y R W
UniRef90_L8MY65      M D I K R S T K S T A N M L I N F L T F E A V K T I A E Q L E E T D K L K A L W
UniRef90_A9NTG3               D V G K N L I D Y F T Y K A V R T V L A Q L Y E M N P T Q Y M W
UniRef90_I1QEC2               D V H T E I M N Y F T Y K A T S T V L H Q L Y E M N P P A Y T W
UniRef90_Q5MZ09      M E M P R I S R D T A R M L V N Y L T Y Q A V C V I R D Q L A E T N P A G A Y R
UniRef90_UPI00034CF6E4  M Q P K D I A K D T A K V V Q N Y L T Y K A V M L V I E Q L A E T N P G E A I W
UniRef90_M4CDI4               D V K T Q L I N Y F T Y K A V R T V L H Q L Y E M N P P Q Y T W
UniRef90_D8SKH5               D V D K H L M D Y F T F K A V R T V L A Q L Y E M N P S Q Y I W
UniRef90_K9UBW6      M D R K Q V A K A T T K V I S S Y L T Y Q A V Q S V L A E L T E M N P P L A L W
UniRef90_X5JGM9                         M T Y Q A I K T V L A Q L S Q T N P P Q W R W
UniRef90_U5QH29      M D I K A I T N A T A Q V L M S Y L T Y Q A I R V V A A Q L R E T D P P R A V W
UniRef90_M1A920               D V K N E I I N V I T Y K A V R T V L Q Q L Y E M N P P Q Y T W
UniRef90_UPI00032ABC7A       K A A K N L H N F F T Y I A V K I V A A Q L E S Y N P E A Y E E
UniRef90_M8ARY6                 I M N Y F T Y K A T Q T V L Y Q L Y E M N P P A Y T W
UniRef90_M4EL21              K A A K H L H D F F T Y V A V R I V S A Q L E S Y N P E A Y L E
UniRef90_A9NLG6              K A A G Q L H T F F T Y L A V K I I A Q L Q S Y N K E A Y G E
UniRef90_M0S467            S K A A R N L Q D F F T Y A A V K I V L A Q L E S Y N P E A Y Q E
UniRef90_A0A059D9Q7          D V K T Q I L N Y F T Y K A V R T V L S Q L Y E M N P T Q Y R W
UniRef90_W1PRN1             K A A G S L H N F N F L A V K I V L A Q L Q S Y N P E A Y E E
UniRef90_A0A059CBB5        R K A A N H L H K F F T H I A V R I V S A Q L Q S Y N R E A Y D E
UniRef90_Q7EZV3            K K A A R N L Q H F F N Y I A V R V V L T Q L E S Y N R E A Y G E
UniRef90_C5YL11            R K A A I I L Q H F F N Y I A V T V V L A Q L E S Y N R E A Y F E
UniRef90_C5XBR0             D V H K N I I N Y F T Y K A T H T V L H Q L Y E M N P P A Y T W
UniRef90_M1BD28              A A Q H L H H F F N F I A V K I V A A Q L Q S Y N P E A Y E E
UniRef90_W9RY31             K A A K N L H N F F T Y I A V R I V A A Q L Q S Y N P E A Y E E
UniRef90_I0Z1H5            R K A S D L L R T L F T F C A A K I V L A Q L E S Y N T G A Y E D
UniRef90_D8T340              A A D T L H N F F T Y I A V K I V A S Q L E D Y N K E A Y D D
UniRef90_I1GT96             D V E L E I M N Y F T Y K A T K T V L Y Q L Y E M N P P A Y T W
UniRef90_A0A022QIE1          K A A K H L H D F F T Y V A V R I H S Q L E S Y N E E A Y A E
UniRef90_M0SYK4              D V R V Q L I N Y F T Y K A A R T V L H Q L H E M N P P S Y M W
UniRef90_M8BQM6
UniRef90_I0Z3B1           F A S D T A K I V A R V L T S R A V Q K V L L Q L Q E T D L F V A H W
UniRef90_F2EK69              D V D L Q L M N Y F T Y K A V R T V L T Q L Y E M N P P S Y R W
UniRef90_A8HQH2             R K A A V A L R S L F T F V A A R V V L E Q L Q G Y N Q Q A Y L D
UniRef90_E1Z843          Q F D R D T A H V L L K V L T A K A T Q R L L V Q L Q E L D L F K A Q W
UniRef90_N1QYF6             K K A A I S L L N F F N Y L A V K I V L A Q L E S Y N K E A Y V D
UniRef90_A9SKM1                 L H N F F T Y V A V K I V A S Q L E D Y N K E A Y V D
UniRef90_K8EC01             D V D N L L V N Y F T F K A L K S S L A Q M Q E T D K G E Y K W
UniRef90_Q00SN2           Q K A A K T L R R L F T W V A I R V V Q S H L E G T N R P D Y D D
UniRef90_C1EBY6            K K A A M M M E S M F T Y I A C W I V I D Q T E N A A P K V H E F
UniRef90_K8F2A7           R K A A R T L K R L F T V S I Y V Q A H L E K V Q C P D Y N D
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                                       50             60            70           80
QUERY                   L H Q F T S Q E S I Q D G E R Y L E A L F R E Q P D L G F R I L T V R E H L A E
UniRef90_K9U8A9         L H R F S A T D R I Q D G E A Y I E N L F R E K P D L A L R I M T V R E H L A Q
UniRef90_D8G0T6         L S N A S S T G K I Q D G E V Y L Q E L L R E N Q E L A F R I M T V R E H L A Q
UniRef90_K9W591         L S N F S G K E K I Q D G E A F L K E L L S E K Q D L A F R V M T V R Q H L A E
UniRef90_UPI0003646512  L H N F S A   D K V Q N G E K F L E S L F S E K P E L A L R I M T V R E H I A E
UniRef90_Q10WH7         L S G F S S T G K I Q D G E A Y L Q E L L Q E N Q E L A F R V M T V R Q H L A E
UniRef90_B4VHV7         L H S F S A N Q G V Q D G D A Y L Q A L L V E K Q E L A F R I M T V R Q H L A E
UniRef90_Q2JIP4         L Q Q F S A R Q N L Q D G E A Y L R A L L A E R P E L A Y R I M T V R E H I A A
UniRef90_B4WNZ9         L H E F S S R E K L Q D G E A Y I K S L F R E A P D L A L R V M T V R L H V A E
UniRef90_D4TRB1         L H N F S A   G K V Q D G E R Y I E E L F R E K S D L A L R I M T V R E Y I A A
UniRef90_UPI00036723E1  L Q S F S A   D K I Q D S E A Y I Q S L F Q E K A D L A L R I M T V R E H I A E
UniRef90_UPI000346506F  L A G F S P T G K L Q D G E I Y L E A L L Q A N Q E L A F R I M T V R Q H L A E
UniRef90_K9TDS4         L Q N F S A T A N I Q S G E A Y I E T L L Q E K P D L A I R I M T V R E H I A E
UniRef90_K9SVB9         L S N F S S T A K I Q D G E A Y I Q E L M G V E Q P L A F R I M T V R E H L A Q
UniRef90_UPI00034A4B8C  L N G F S S T G K I Q D G E E Y L R E L L Q V E Q D L A F R I M T V R E Y L V E
UniRef90_K9SEA2         L S S F S S T G K L Q D G E A Y L Q E L Q A N Q E L A F R V M T V R Q H L A E
UniRef90_K9FJF4         F N E F A T R D K L Q D G E A F I A S L M Q E N A D L A L R V M T V R Q H L A E
UniRef90_D0PTI5         L S G F S S T G K I Q D G E A Y L Q E M L Q E N Q E M A F R I M T V R D H L V Q
UniRef90_B0JVL7         L S H Y T S S H S I Q D G E A Y I A G L M T E N K E L V L R I M T V R E H L A E
UniRef90_B7JVW6         L R Q Y T S S H N I Q E G E V Y L E E L M N E N K E L V L R I M S V R E H L A E
UniRef90_UPI00031E1F80  L N A F S T K E A L Q D G E A Y L S A L L E E S A D L A I R V M T V R Q H I A E
UniRef90_K9RFS7         L H R F S T K E R I Q D G E K Y I E Q L F L E K P E L A L R I M T V R Q H L A E
UniRef90_M1X1N2         L N K F S A   D K I Q D G E A L I E E L F H E K P E L A L R I I L V R E N I V E
UniRef90_B0CCC0         L S E F S S T D R I Q D G E F Y L E A L M Q E N R E L A L R L L T V R E H L A E
UniRef90_K9XPC6         L S H Y S D R T K L Q D G E A Y L D G L M S E N K E L L L R I L I V R E E I A Q
UniRef90_UPI00036F069F  L H K F S S R E S I T D G E A F M E A L F R E R Q D L A F R I L T V R E H L A E
UniRef90_UPI00036F4EF8  L R R Y S A   G K L E D G E A Y I Q G L M L E R K D L V L R I L T V R E H L A E
UniRef90_B8HQS4         L H Q F S A R E K L Q D G E A Y L Q A L F Q E E Q D L A F R I L T V R E H I A E
UniRef90_UPI0002D8F2A2  L G Q Y S A   G K M Q D G E I Y L E G L M L E H K D L V L R I L T V R E T I A E
UniRef90_K9PUY6         L G N F S K T H S V Q D S D R Y L E A M M S E N K E I V L R I L T V R E D L A G
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UniRef90_UPI00034689CD  L G Q F S S Q G K L Q D G E A Y L E E L V A E D R E I A L R I M T V R Q H L A D
UniRef90_R9TFZ7         L H N F S A   G K I Q N G E S Y I D Q L L R E K P D L A L R I M T V R E H I A E
UniRef90_K9SF09         L S G F S S T G K L Q D G E M Y L K E L L S E N Q E L A F R L M T V R A H L A E
UniRef90_K9Z232         L T N Y S D R T S V Q D S E K Y L N N L L G E N K E L V L R I L T V R E D L A E
UniRef90_UPI0003491954  L S Q R S A E N R I Q K G E V F L Q E L M Q D N K E L V L R I L T V R A H L A E
UniRef90_F4XYB6         L Q S F S S Q Q S I Q D G D A Y L E E L L Q A K P E L A L R I M T V R Q H I A D
UniRef90_K9YFK9         L R Q F S Q Q H S L Q N S S A F L E A L M S E R K D L V M R I M T V R E D L A E
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UniRef90_D7T307         F Y N F V A A N K P G D G K H F I Q T L G K E K Q E L A E R V M I T R L H L G K
UniRef90_I1M6C0         F Y N F V A T N D P A D G K H F I R S L A K E Q H Q L A E R V M I T R L H L G K
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UniRef90_F1C5F5         L H Q F A S S E S I K D G D R F I E K L F R E R P D L A F R V L T V R E A L S D
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UniRef90_K4AFF5         F Y N F V A V N K P T D G K L F L R A L S K E R Q E L A E R V M I T R L H L G K
UniRef90_K4D9I4         F N D Y V T A N K P S D G K R F I R N L A K E K Q E L A E K V M A T R L L S L A K
UniRef90_U5DA05         L R Q F S D S G K F Q D S E A Y L Q S L I V E R K D L V L R I L T V R E H I A E
UniRef90_F7US62         L N Q Y L A S H S I Q N G E T F L T E L L D E N K E L V L R I L A V R E D I A E
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UniRef90_L8MY65         F N Q F S T R E R L Q N G E L Y I K D L F E V H Q E M A F R V M T V R E H L A N
UniRef90_A9NTG3         L Y N Y V V D N K P S D G K R F L R N L V K E R Q E L G E R V M V T R L H L N K
UniRef90_I1QEC2         L Y N Y V V V N D P K E G K H F L I A L A K E R Q D L A E R V M I T R L H L S K
UniRef90_Q5MZ09         L Q V F S A E F S F Q D G E A Y L A A L L N H D R E L G L R V M T V R E H L A E
UniRef90_UPI00034CF6E4  L R Q Y S S G G K L R D A E A Y I E E I M S E G K E L A L R I M T V R D N I A E
UniRef90_M4CDI4         F Y N Y V S N R P T D G K R F L R T L G K V S Q E L A E R V M I T R L H L G K
UniRef90_D8SKH5         F Y N F V G N N K P Q D S K V F I R L L V K E R Q E L A E R V M V T R L H L G K
UniRef90_K9UBW6         L R G F S G Q Q I L Q D G E V Y L H A L L A Q N Q E L A F R I M T V R E H L V E
UniRef90_X5JGM9         L N N F S A   D K I Q D G E A L I E Q L F H E K P E F A L R I M S V R E N I A E
UniRef90_U5QH29         F S Q F S T Q A T L Q D G E A Y L E Q L T T Q N P D L A F R V M T V R E H L A E
UniRef90_M1A920         F Y N F I V N H V P N T G K N F L Q Q L F K E K R E L A E R V M I T R L S L S I
UniRef90_UPI00032ABC7A  L M E F V G R H P L N D G D K F C A T M F R E H K N L A L R I M E V R S S Y C Q
UniRef90_M8ARY6         L Y N Y L V V N D A K E G I H F L R A L S K E R Q D L A E R V M V T R L H L G R
UniRef90_M4EL21         L R E F L D T N S V S D G D K F C A A L M R R S S N L A L R I L E V R S A Y C K
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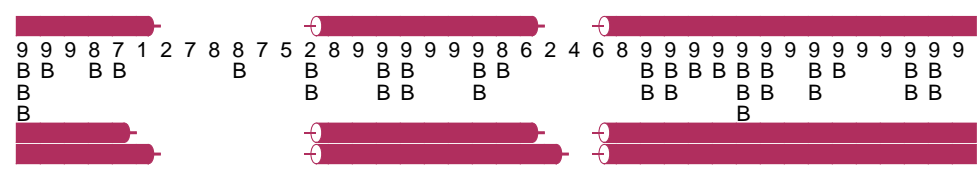
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UniRef90_A4S7F8      L I D Y L H A K P L R D A S A W L A E L M A   H E E L A V R I I E T R K V L A A
UniRef90_Q00X91      L L D Y L E S N P V R D G D S W L T E L T K V N P T L G E R I G T V R V A Y A S
UniRef90_A4S2Z1      L S S F L E T H P L R N G D E W L E A L M R D E P Q L A L R L M E T R A A Y A R
UniRef90_D8TKQ9      L H N Y W A E N P L A D A D E W L V R L M A R G R E V A D R I M R L R E H I A K
UniRef90_C1FFN5      L H D F L S Q N P L G D G E   W L E K L I R   H P K L A V R I I E V R D V Y L S
UniRef90_D8UFM5                    P M K D G D E W L A L I T R Q N T S L G L R L M E V R D H Y C E
UniRef90_C1MPM6      M V D F L N E N P L R N G N E W L A K L M R E D N D L A M R I I E T R R V F A D
UniRef90_C1N1W2      L Y D Y L G K N P L N D G E A W L R E L M R H D K L H A V R L L E V R D V Y A S
UniRef90_K8EAQ9      L I D Y M Q K G P I L D G N A W L H E L M R   H P E L A V R I I E T R K L L V D
UniRef90_Q00V97      L I D Y L Q Q K P L R A G A A W L A E L M A D H R A V A L R I I E T R K V L A R
UniRef90_A4RTZ0      L K A Y V D A H P I G D G N D W L R G L M A R S R A A G L R V L E A R E T Y A N
UniRef90_C1E4V2      F S D F L S E N P L R N G N E W L A K L M R E D N D L A M R I I E T R R V F A E
UniRef90_K8F483      L N N Y I A E N P F E S G E E W L I K L T R E P R D C A E R I L A T R K D L G E
UniRef90_D8TWE4      V N R F I K E H P I P S G D T F L R T L L S D P R S I A Q R I M E I R A Q L A S
UniRef90_C1N332      F Q E Y M A N N P I P S G E T F I E G L L A D P L A V R L L D I R L A L A R
UniRef90_E1Z9R6      L N R Y L Q E N D I P S G E N F L R T L L T E E P Q F A Q R I M D L R H Q I A K
UniRef90_R7Q7C0      L L Q F M S S G A I K D G D E L V R M L M R T N P E I A L Q I M E L R Q A I A E
UniRef90_R7Q7C0      L L Q F M S S G A I K D G D E L V R M L M R T N P E I A L Q I M E L R Q A I A E
UniRef90_D8U9Y6      L M D F L G V P M K G D G D E W L A N V M R K N H A L G E
UniRef90_Q00U51      L D E L E R R P M T G N G S A F V E R L M A D T R L A A V R L I E V R R T Y A E
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lupas_21
lupas_14
lupas_28
jnet       ⊂▭▭▭▭▭⊃-      ⊂-▭▭▭▭▭▭-⊃    ⊂-▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭
conf       9 9 9 8 7 1 2 7 8 8 7 5   2 8 9 9 9 9 9 9 8 6 2 4   6 8 9 9 9 9 9 9 9 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   B B       B B
sol5       B                           B       B B       B           B B       B B     B       B B
sol0       B                                                                     B
jhmm       ⊂▭▭▭▭-        ⊂-▭▭▭▭▭▭-⊃                                  ▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭
jpssm      ⊂▭▭▭▭-        ⊂-▭▭▭▭▭▭▭▭-⊃                                ▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭▭
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Position markers: 90, 100, 110

Sequence	Alignment
UniRef90_A0A059CAM3	
UniRef90_E1Z3U1	E D F E W D N L K R G L A A D N T R L L R Q H
UniRef90_B6TZV7	
UniRef90_C1MVZ1	G D F E W D I C R Q N M E K S N A E I Q R G F L
UniRef90_M0WRQ2	
UniRef90_E1ZTA0	C S G D F D W A Q C Q Q L I Q E S N V G M L R R H A A R
UniRef90_A4S6B8	E D F E W H N V A K L T S E S N E R A M R E W L
UniRef90_E5EQV6	Q T T E T N G E K I G L K M H T K N M D I S R N M L T K
UniRef90_C1N3U6	G Q F D F
UniRef90_A4RX50	W R S Y F N G E R C Q E K Y E D V N L E I L R E Q L
UniRef90_A4S9V6	E F D Y A R A K T M I R K G N A Q L M K R H A T R
UniRef90_K7TZS1	N E F E W D N L K K M V D E A N T K L M R D Y V V E V S H I E D
UniRef90_K8F4P0	M D F E W K S V E T D I E N G N K K L Q T E M L E
UniRef90_K8F6B1	S Q F D F N E N T A R L E I E K D N D K L M V D Y M
UniRef90_Q019S1	
UniRef90_I0YRE9	E M T E D L S N I A E E N S L L M R E T L
UniRef90_C1E300	E F D Y Q Q M R S A I D S G N M S L M R E H
UniRef90_A4S7F8	E G F D Y D W A E A I D R T R E D N L T L R R A M L T
UniRef90_Q00X91	D D F E W K N V E K L C V K S N E T A M R E
UniRef90_A4S2Z1	E N F D W Q A L R
UniRef90_D8TKQ9	E M T E D L S R I A A D N T D V L K R T L A K T T K L S E
UniRef90_C1FFN5	K E F D W G L Y K S E M D E C Y K R L M S E H M E R
UniRef90_D8UFM5	E A F E W D Q L K K D M K G A N T K L M R Q F
UniRef90_C1MPM6	T E F N W D V V K E E I A G D T L E M T K S F L E S L T
UniRef90_C1N1W2	R E F D W G E V R E D M E A T R I A M L N E H L
UniRef90_K8EAQ9	T E F N W D N A R E G I V A E S V A L N K L Y L S Q L A E C T E
UniRef90_Q00V97	E G F D Y D W E E T L E G L A R E N L E L S R
UniRef90_A4RTZ0	E V F S F E E E M V E K A V T E E N D K L M A D Y V K R M
UniRef90_C1E4V2	S E F N W E V M K E E I D D D T L E M N K Q M L M R S L G V S
UniRef90_K8F483	D F V S F L E K V E V K N G S V L R N A L E R T
UniRef90_D8TWE4	E F I Q D L S Q V A E E N
UniRef90_C1N332	W I A D L A H V R E E N A D I M K
UniRef90_E1Z9R6	E W I E E L Q S V P E E N S V L M Q E T L
UniRef90_R7Q7C0	E V M E F I P G E Q N L R T K N I L E N S M K I S D
UniRef90_R7Q7C0	E V M E F I P G E Q N L R T K N I L E N S M K I S D
UniRef90_D8U9Y6	
UniRef90_Q00U51	E D F D W E E V V E E T E K Q R L E L L K D H A T K

Track	Values
lupas_21	
lupas_14	c c c c c c c c c c c c c c c c
lupas_28	
jnet	
conf	8 6 2 2 4 3 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 7 4 3 8 9 9
sol25	B B B B B B B B B B B B B B
sol5	B B B B
sol0	B
jhmm	
jpssm	