

| QUERY | 1 | 10 | 20 | 30 | 40 |
|------------------------|---------|-----------|-----------|-----------|-----------|
| UniRef90_D8UDE2 | V S W I | S W F C G | L R L R G | N E F F F | V V D E E |
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| UniRef90_I0Z1T6 | S W I | G W F C C | L K G N E | F F F C | E E E D D |
| UniRef90_K7VQG8 | T S W I | S W F C T | L R L R G | N E F F C | E E I D D |
| UniRef90_A9P2P6 | S W I | S W F C G | L K G N E | F F F I | D E E D Y |
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| UniRef90_M5BRL5 | S W V | S W F L S | L K G N E | F F C Y | E E V D E |
| UniRef90_UPI000329268F | V S W I | S W F C G | L K G N E | F F F Y | V D E D Y |
| UniRef90_UPI0004560A26 | S W V | T W F L S | L K G N E | F F Y F | E E V D E |
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| UniRef90_A0A016TJX0 | V S W I | T W F C G | L R L R G | N E F F F | V D E E Y |
| UniRef90_C1FE39 | S W I | S W F C S | L K G N E | F F F F | V D E E Y |
| UniRef90_D2VQK6 | L S W I | S W F L S | L K G N E | F F H Y | E E V D E |
| UniRef90_W7TCU1 | S W V | S W Y V S | L K G N E | F F M C | E E V D E |
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| UniRef90_M5GF74 | L T W I | A W F L P | G H E Y | F F V A | E I P E E |
| UniRef90_G4T897 | S W I | S W F L S | N K G N E | F F C Y | E E V D E |
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| UniRef90_W2RQX0 | S W I | Q F T | S R G N E | F F F C | E E V D E |
| UniRef90_U4KVU8 | S W I | W R D V A | T R G H | Y F C C | E E V D E |
| UniRef90_H9JEJ5 | V S W I | A W F C T | L R L R G | N E F F C | E E V D E |
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| UniRef90_U1GUF3 | S W I | S S F C S | L I G H | Y F A E | V S E D F |
| UniRef90_W1QDQ1 | S W I | D W F L G | S R G N E | F F F C | E E V D D |
| UniRef90_P38930 | S W I | D L F L G | S R G H | Y F F C | E E V D D |
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| UniRef90_R9AS10 | S W I | W F C S | L R L R G | N E F F C | E E V D E |
| UniRef90_R7S9K3 | L T W I | N W F T | S Y P G | H H E Y | F F C E |
| UniRef90_B6K5F6 | M S W I | T W F C S | R A G H | Y F F V | E I K P E |
| UniRef90_S2J0H9 | L S W I | S W F C C | S K K H | R Y F T | E V E E S |
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| UniRef90_J9EAG5 | S W L | L S F C D | R P G N E | F F F C | E E V D E |
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| UniRef90_M2R2F8 | S W I | A S F C G | L L G H | Y F A E | V S E D F |
| UniRef90_B4LKI5 | S W I | N W F V N | L Q A N | E F L C | R V P Y E |

QUERY UniRef90_D8UDE2 UniRef90_D8LMG2 UniRef90_L8HBK4 UniRef90_A0A015JUG6 UniRef90_M1UT51 UniRef90_F8PX93 UniRef90_I1HAY4 UniRef90_Q59HV8 UniRef90_F0YHG6 UniRef90_UPI000456194C UniRef90_I0Z1T6 UniRef90_K7VQG8 UniRef90_A9P2P6 UniRef90_S7QI68 UniRef90_M5BRL5 UniRef90_UPI000329268F UniRef90_UPI0004560A26 UniRef90_W1P960 UniRef90_R9AHC5 UniRef90_M0T685 UniRef90_A0A016TJX0 UniRef90_C1FE39 UniRef90_D2VQK6 UniRef90_W7TCU1 UniRef90_UPI0004412FE1 UniRef90_U5H8X2 UniRef90_M5X613 UniRef90_E1Z9I7 UniRef90_A0A024G645 UniRef90_G7E1B5 UniRef90_D8SA44 UniRef90_G7DUZ8 UniRef90_M5GF74 UniRef90_G4T897 UniRef90_E9C3I0 UniRef90_A0A022PQ53 UniRef90_A0A059LJ62 UniRef90_C1L5E7 UniRef90_F1LAZ1 UniRef90_B8CEY5 UniRef90_B3MFT0 UniRef90_A9S7H2 UniRef90_S9W782 UniRef90_A4HQ25 UniRef90_B6JXK0 UniRef90_M7NR17 UniRef90_M2W7H7 UniRef90_S2JFL3 UniRef90_C4JT44 UniRef90_W2RQX0 UniRef90_U4KVU8 UniRef90_H9JEJ5 UniRef90_G1WZK2 UniRef90_U5HAT2 UniRef90_D5GEB9 UniRef90_F9WWY5 UniRef90_R1ETE5 UniRef90_M2R8M3 UniRef90_B4J7B7 UniRef90_B4MNQ3 UniRef90_U6PU54 UniRef90_B4GI17 UniRef90_B8LUF6 UniRef90_M4E9K7 UniRef90_A0A024JPM9 UniRef90_A4RSN9 UniRef90_UPI0003EE3A83 UniRef90_M4E9Q9 UniRef90_K0KFC4 UniRef90_B3NQG8 UniRef90_M8C7Q4 UniRef90_E1GLQ9 UniRef90_U1GUF3 UniRef90_W1QDQ1 UniRef90_P38930 UniRef90_F4NRL3 UniRef90_R9AS10 UniRef90_R7S9K3 UniRef90_B6K5F6 UniRef90_S2J0H9 UniRef90_F2UT55 UniRef90_S9ULY0 UniRef90_K8END9 UniRef90_A7TLU6 UniRef90_G8BR09 UniRef90_K4DRG5 UniRef90_W6L824 UniRef90_J9EAG5 UniRef90_T0S4R1 UniRef90_M2R2F8 UniRef90_B4LKI5

R E Y A L D M I L L D L N E P P H E E Q Q Q H L L L I E E S A A A E M L Y G G L I H A R Y I L V T N A R R R
E Y A L D M I L L D V E M S D E E E Q Q Q Q L L V S S A A A E M L Y G G L I H A R Y I L L T T T R R R
D Y A L D M I L L D V A E S D E E E Q Q Q Q S I V S S A A A E M L Y G G L I H A R Y I L L T T T R R R
K E A L E M I L L D V I E P S E E E E Q Q V Q D R E I L R D V M N A R F L Y G G L I H A R Y I L L T T T R R R
S Q A L E L I T T D N L D D E E Q Q Q N E L R D V Q A S A A E M L Y G G L I H A R Y I L L T T T R R R
D H A L D L I L L D L E P V Q E E Q Q N E L T I E A S A A D M L F G G L I H A R Y I L L T T T K
R E A L D M I L L D V I E P M T P E E Q Q N E D L V E S A S A E M L Y G G L I H A R Y I L L T T T N R R
D Y A L D M I L L D V I E P P E E E Q Q S E L V E S S A A E M L Y G G L I H A R Y I L L T T T R R R
K E A L E M I L L D V I E P P E E E Q Q S E L V E S S A A E M L Y G G L I H A R Y I L L T T T R R R
D Y A L D L I L L D A D S S D E E H H L V I E S S A A E T L Y G G L I H A R Y I L L T T T S R K
U N I R E F 9 0 _ K 7 V Q G 8 D Y A L D L I L L D A D S S D E E R K N E F F I E S S A A E T L Y G G L I H A R Y I L L T T T S R K
D Y A L D M I L L D N D S S E E E Q Q N E M V I E S A A E L L Y G G L I H L R Y I L L T T T S K
K E A M E M V L L D V I E P D E E D D V S I V E S A S A E L L Y G G L V H Q R Y I L L T T T Q R
Q U I R E F 9 0 _ M 5 B R L 5 R Q A L D M I L L D D V D D E D E L R S S V I E V A S A A R L L Y G G L I H A R Y I L L T T T S R R
U N I R E F 9 0 _ U P I 0 0 0 3 2 9 2 6 8 F R Q A L D M I L L D L I E P D P N E Q S R D L I V I E Q A A A E M L Y G G L I H A R Y I L L T T T R R R
U N I R E F 9 0 _ U P I 0 0 0 4 5 6 0 A 2 6 P Q A L D L I L L E D D D E D E S E R H Q N V I E A Q A A R L L Y G G L V H A R Y I L L T T T S R K
U N I R E F 9 0 _ W 1 P 9 6 0 S Q A L E L I T T D N E V D G E E H H N E I V E S A A A E L L Y G G L I H A R Y I L L T T T S R K
U N I R E F 9 0 _ R 9 A H C 5 S Q A L E L I T T D N E D D E D E Q R S D A I V E S A A A R Y L Y G G L I H A R Y I L L T T T S R R
U N I R E F 9 0 _ M 0 T 6 8 5 D Y A L D V I L L D N D S S G T E N T H S Q V I E S A A A E Q L Y G G L I H A R Y I L L T T T S R R
U N I R E F 9 0 _ A 0 A 0 1 6 T J X 0 R Q A L D M I L L D M E D N P G E I T D L V I E S A A A E M L Y G G L I H A R Y I L L T T T N R R
U N I R E F 9 0 _ C 1 F E 3 9 D Y A L D L I L L D V I E S P N D D H E L V I E S A A A E M L Y G G L I H A R Y I L L T T T R R R
U N I R E F 9 0 _ D 2 V Q K 6 D Y A L D M I L L D V I E S P M E Q Q H L V I E S S A A A D T L Y G G L I H A R Y I L L T T T N R R
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U N I R E F 9 0 _ U P I 0 0 0 4 4 1 2 F E 1 K E A M E M V L L D V I E P E P D V V S I V I E Q S A A E V L Y G G L V H Q R Y I L L T T T R A R
U N I R E F 9 0 _ U 5 H 8 X 2 S A A L E L I T T D E D D E D E H R N Q L I E L A A R H L Y G G L I H A R Y I L L T T T S R K
U N I R E F 9 0 _ M 5 X 6 1 3 D Y A L D L I L L D V E S D E D E Q N N E V I E E A A A E M L Y G G L I H A R Y I L L T T T N S K
U N I R E F 9 0 _ E 1 Z 9 I 7 D Y A L D L I L L D S E S L Q N E Q Q E F V I E E A A A E L L Y G G L I H A R Y I L L T T T S R K
U N I R E F 9 0 _ A 0 A 0 2 4 G 6 4 5 E Y A L D L I L L D E E N P N E Q Q E M V I E S A A A E M L Y G G L I H A R Y I L L T T T S R R
U N I R E F 9 0 _ G 7 E 1 B 5 A Q A L D L I T T D E E Q N D N E M R E A I V E T S A A R H L Y G G L I H A R Y I L L T T T S R R
U N I R E F 9 0 _ D 8 S A 4 4 E Y A L D L I L L D V I E S P T E E Q N E I V I E S A A E M L Y G G L I H V R Y I L L T T T S K
U N I R E F 9 0 _ G 7 D U Z 8 Q E A L E M V L L D V I E P E E S D V S I V I E S A A E L L Y G G L I H Q R Y I L L T T R Q R
U N I R E F 9 0 _ M 5 G F 7 4 K E A L E M V L L D V I E P E D S H K I I I E T S A A E L V Y G G L V H Q R Y I L L T T T R Q R
U N I R E F 9 0 _ G 4 T 8 9 7 T H A L D L I T T D N E F E E E H R G G I I E L S A A R F L Y G G L I H A R Y I L L T T T R R R
U N I R E F 9 0 _ E 9 C 3 I 0 R Q A L D M I L L D V I E M S E E E Q Q S A I D S S A A E M L Y G G L I H A R Y I L L T T T N R R
U N I R E F 9 0 _ A 0 A 0 2 2 P Q 5 3 D Y A L D M I L L D V I E S S E E E Q Q N E L V I E N A A A E M L Y G G L I H A R Y I L L T T T K
U N I R E F 9 0 _ A 0 A 0 5 9 L J 6 2 E Y A L D T I L L D S E T T E E Q Q T L V I E N A A A E A L Y G G L I H A R Y I L L T T S Q R S
U N I R E F 9 0 _ C 1 L 5 E 7 H D A L D L I L L D L Y E S D P C E E D E H D I I E K A A A E M L Y G G L I H A R Y I L L T T D S R
U N I R E F 9 0 _ F 1 L A Z 1 R H A L D M I L L D V I E P G P D E D E M D I I E Q A A A E M L Y G G L I H A R Y I L L T T T R R R
U N I R E F 9 0 _ B 8 C E Y 5 D Y A L D M V L L D V I E M P M E D S E I V I E S A A A E M L Y G G L I H A R Y I L L T T T N R R
U N I R E F 9 0 _ B 3 M F T 0 T Q A L D L I L L D P E F D P C W D D M L S M D S Q S A A E Q L Y G G M I H A R Y I L L T T P R R
U N I R E F 9 0 _ A 9 S 7 H 2 D Y A L D L I L L D V I G S P S D D N L T D E Q Q A A E M L Y G G L I H V R Y I L L T T S K
U N I R E F 9 0 _ S 9 W 7 8 2 H Y A L E L I L L D T G S L D S D R L T D E Q S A A E T L Y G G L I H T R F I L L T T S R R
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U N I R E F 9 0 _ B 6 J X K 0 V H A L D L I L L D V I D P D E L Q D E V I E T S A A R H L Y G G L I H A R Y I L L T T A R Q
U N I R E F 9 0 _ M 7 N R 1 7 N Y A I E M V T D V F D H D V N R N E Q V I E K S A A Q H L Y G G L I H A R Y I L L T T A R R
U N I R E F 9 0 _ M 2 W 7 H 7 E H A V D M I L L D F E L D E R Q Q E L V I E V A A A E T L Y G G L I H A R Y I L L T T A R R
U N I R E F 9 0 _ S 2 J F L 3 Y E A L D M I T T D N L D D E K V R Q I I E K S A A R H L Y G G M I H A R Y I L L T T A R R
U N I R E F 9 0 _ C 4 J T 4 4 K E A L E M I L L D V I E P E D E Y D S E I I E T S A A E L L Y G G L I H Q R Y I L L T T S R R
U N I R E F 9 0 _ W 2 R Q X 0 Q Y A L D L I L L D V I D C F D D M R E T L I E K S A A R H L Y G G L V H A R Y I L L T T T R R R
U N I R E F 9 0 _ U 4 K V U 8 Q Y A L D L I T T D V F D F D C N D D D I R E Q S A R Q L Y G G L V H A R Y I L L T T T R R R
U N I R E F 9 0 _ H 9 J E J 5 R E A L D M I L L D L E P D P N E S D L V I E Q A S A E L L Y G G L I H A R Y I L L T T T R R R
U N I R E F 9 0 _ G 1 W Z K 2 Q Y A L D L V L L D V I E C N D D M R E Q I I E K S A A R H L Y G G L V H A R Y I L L T T T R R R
U N I R E F 9 0 _ U 5 H A T 2 K E A M E M V L L D V I E A E E D D V S I V I E S S A A E L L Y G G L I H Q R Y I L L T T R Q R
U N I R E F 9 0 _ D 5 G E B 9 K E A L E M I L L D V I E P E D D S D I V I E S S A A E L L Y G G L I H Q R F I L L T T S R R
U N I R E F 9 0 _ F 9 W W Y 5 Q Y A L D L V L L D V I E V D D D M R E Q I I E K S A A R H L Y G G L V H A R Y I L L T T V R R
U N I R E F 9 0 _ R 1 E T E 5 E H A L D L I L L D V I D A P P R E Q Q S I I E A A A E L L Y G G L I H A R Y I L L T T P R R
U N I R E F 9 0 _ M 2 R 8 M 3 K E A M E M V L L D V I E P G P D V S I V I E A S A A E L L Y G G L V H Q R F I L L T T R A R
U N I R E F 9 0 _ B 4 J 7 B 7 R R A L E V I L L D L S D A P P P E A E L E Q S A A E K L F G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ B 4 M N Q 3 R C A L E V I L L D L N S D D P P P E A E L E A S A A E K L Y G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ U 6 P U 5 4 R E A L D K I L L D L E S D D S G D D E V E R L A E K L Y G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ B 4 G I 1 7 R C A L E V I L L D L N S D N K T D A D A V I E A S A A E K L Y G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ B 8 L U F 6 K E A L E M I L L D V I D E K V T D L S M I E S S A A E L L Y G G L I H Q R Y I L L T T S R P
U N I R E F 9 0 _ M 4 E 9 K 7 D Y A L D L I L L D V I D C T H G E R F L V I E S A A E M L Y G G M I H A R Y I L L T T S Q R
U N I R E F 9 0 _ A 0 A 0 2 4 J P M 9 S Q A L E L I T T D S F E D N E D R E K L E K S A A R H L Y G G L V H A R Y I L L T T S R R
U N I R E F 9 0 _ A 4 R S N 9 D Y A L D T I L L D V I E R G H S Q Q E L V I E S A A E M L Y G G L I H A R Y I L L T T Q R R
U N I R E F 9 0 _ U P I 0 0 0 3 E E 3 A 8 3 U N I R E F 9 0 _ M 4 E 9 Q 9 D N A L D V I L L D D E D S S H H G E R M I I E S A A E M L Y G G L I H A R Y I L L T A R K
U N I R E F 9 0 _ K 0 K F C 4 P Q V I L L D V I L L D D E E F T D N E Q Q E L D I A D A R E Q L Y G G M I H A R Y I L L V S P R K
U N I R E F 9 0 _ B 3 N Q K 8 S E T L D V V L L D D E E F T D N E W D D G L L I A D A R E Q L Y G G M I H A R Y I L L V S P R K
U N I R E F 9 0 _ M 8 C 7 Q 4 E Y A L D L I L L D V I E S S H E Q Q N E L I E S A A E M L Y G G L I H V R Y I L L T T S K S
U N I R E F 9 0 _ E 1 G L Q 9 E R A L D L I L L G L V S S G S R S N A E E R E S A A R T L Y G G L I H A R Y I L L M T S D S
U N I R E F 9 0 _ U 1 G U F 3 K D A L E M I L L D V I E P S E S S D A S V I E S S A A E L L Y G G L I H A R F I L L T S R Q P
U N I R E F 9 0 _ W 1 Q D Q 1 S L L V D L L D D R T Q I I E S E N R A R L E S D N A K F L Y A G L I H A R Y I L L T T S R Q
U N I R E F 9 0 _ P 3 8 9 3 0 S Y V V Q Y I V D D L D D S I L L E N A R M L E S D S D S K L Y G G L I H A R Y I L L T T K
U N I R E F 9 0 _ F 4 N R L 3 S Q A F E L I L L E D E L D P A M W D E V I E K S A A R H L Y G G L I H A R F I L L T T N R
U N I R E F 9 0 _ R 9 A S 1 0 K E A L E M I L L D V I E P E P D V S I V I E H S A A E M L Y G G L I H A R F I L L T R V
U N I R E F 9 0 _ R 7 S 9 K 3 K E A L E M V L L D V I E P E E D S S K I V I E S S A A E L L Y G G L V H Q R F I L L T T K A
U N I R E F 9 0 _ B 6 K 5 F 6 R E A L E L I L L D R L P T E T L E H I G E T S A A Q V L Y G G L I H Q R F I L L T T R T
U N I R E F 9 0 _ S 2 J 0 H 9 K E T L E V I L L D L F E P D D D A M Y N R V I E P A A A E L L Y G G L I H Q R Y I L L T T K M
U N I R E F 9 0 _ F 2 U T 5 5 R H A L D M I L L D L F E H E D E Q M Q D V I E Q A A A E V L Y G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ S 9 U L Y 0 H Y A L E L I L L D V I D A H C E Q Q Q R L V I E S S A A E T L Y G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ K 8 E N D 9 D Y A L D M I L L D L E S P N Q H A N E L V I E S A A E L L Y G G L I H A R Y I L L S S S K
U N I R E F 9 0 _ A 7 T L U 6 S M V I Q Y I V D E L D E N A I A M S E I D S K K T Y G G M I H A R Y I L L T T S K
U N I R E F 9 0 _ G 8 B R 0 9 T Q V I Q Y I I D E L D E P T K L E Q L I E A D A R K V Y G G L V H A R Y I L L T T K
U N I R E F 9 0 _ K 4 D R G 5 H Y A L D L I L L D L E T Q N E Q Q R L L V I E S S A A E T L Y G G L I H A R F I L L T T Q R
U N I R E F 9 0 _ W 6 L 8 2 4 N Y A L D I L L D M E M L E E Q R R L V I E S S A A E T L Y G G L I H A R F I L L T T N R R
U N I R E F 9 0 _ J 9 E A G 5 E Y A L E L I L L G L D P D E D Q S M I G E Q V T Q T L Y G G L I H A R Y I L L T D G
U N I R E F 9 0 _ T 0 S 4 R 1 Q D A L N I L L D L T D I P Y D E D V I S C A V I E L L Y G G L I H A R Y I L L T S H
U N I R E F 9 0 _ M 2 R 2 F 8 K E A L E M I L L D V I E P E D L S I V I E S S A A E L L Y G G L I H Q R Y I L L T S R P
U N I R E F 9 0 _ B 4 L K I 5 Q D T L D A I L L D S E F N F E D G E T H P E K A E Q L Y G G L I H A R Y I L L T R R

QUERY UniRef90_D8UDE2 UniRef90_D8LMG2 UniRef90_L8HBK4 UniRef90_A0A015JUG6 UniRef90_M1UT51 UniRef90_F8PX93 UniRef90_I1HAY4 UniRef90_Q59HV8 UniRef90_F0YHG6 UniRef90_UPI000456194C UniRef90_I0Z1T6 UniRef90_K7VQG8 UniRef90_A9P2P6 UniRef90_S7QI68 UniRef90_M5BRL5 UniRef90_UPI000329268F UniRef90_UPI0004560A26 UniRef90_W1P960 UniRef90_R9AHC5 UniRef90_MOT685 UniRef90_A0A016TJX0 UniRef90_C1FE39 UniRef90_D2VQK6 UniRef90_W7TCU1 UniRef90_UPI0004412FE1 UniRef90_U5H8X2 UniRef90_M5X613 UniRef90_E1Z917 UniRef90_A0A024G645 UniRef90_G7E1B5 UniRef90_D8SA44 UniRef90_G7DUZ8 UniRef90_M5GF74 UniRef90_G4T897 UniRef90_E9C310 UniRef90_A0A022PQ53 UniRef90_A0A059LJ62 UniRef90_C1L5E7 UniRef90_F1LAZ1 UniRef90_B8CEY5 UniRef90_B3MFT0 UniRef90_A9S7H2 UniRef90_S9W782 UniRef90_A4HQ25 UniRef90_B6JXK0 UniRef90_M7NR17 UniRef90_M2W7H7 UniRef90_S2JFL3 UniRef90_C4JT44 UniRef90_W2RQX0 UniRef90_U4KVU8 UniRef90_H9JEJ5 UniRef90_G1WZK2 UniRef90_U5HAT2 UniRef90_D5GEB9 UniRef90_F9WVWY5 UniRef90_R1ETE5 UniRef90_M2R8M3 UniRef90_B4J7B7 UniRef90_B4MNNQ3 UniRef90_U6PU54 UniRef90_B4GI17 UniRef90_B8LUF6 UniRef90_M4E9K7 UniRef90_A0A024JPM9 UniRef90_A4RSN9 UniRef90_UPI0003EE3A83 UniRef90_M4E9Q9 UniRef90_B0KFC4 UniRef90_B3NQQK8 UniRef90_M8C7Q4 UniRef90_E1GLQ9 UniRef90_U1GUF3 UniRef90_W1QDQ1 UniRef90_P38930 UniRef90_F4NRL3 UniRef90_R9AS10 UniRef90_R7S9K3 UniRef90_B6K5F6 UniRef90_S2J0H9 UniRef90_F2UT55 UniRef90_S9ULY0 UniRef90_K8END9 UniRef90_A7TLU6 UniRef90_G8BR09 UniRef90_K4DRG5 UniRef90_W6L824 UniRef90_J9EAG5 UniRef90_T0S4R1 UniRef90_M2R2F8 UniRef90_B4LKI5

90 100 110 120

G L A Q M L E K Y Q Q G D F F G Y R R C P R R V Y Y C E N G Q Q P M L P P V G G T S D D V V G G R R E A S T
G L A C M L E K F K N Q Y E F F G R R R V Y Y E E N G Q Q Q A N A V V L P P A V G G T S D D V V G G R R E A S T
G L Q S M V D D K Y N A N M H F G G H C P R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L L H D M L E K Y N N V D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A K M L E K F K R N V D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A A M L E K F K N C D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S Q M L D K Y Q S G S F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q Q M V E K Y E A G H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M G A M Y E K Y K A C E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A A M L E K F K N R D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L N A M L E K Y K R V D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q A M A D K Y E N A T F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S K M L E K Y K A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I A Q M L E K Y Q Q G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A K M L E K Y K R A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A A M H E K Y K R V D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A K M L D K H K R A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L N A M H E K Y K K A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I G Q M V E K Y R D H D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M V A M L E K Y K Q C H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A L M E E K Y R Q S V H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L H A M N E K Y K S S L F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q A M A E K Y D N S Q Q F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S K M L D K Y K K G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S A M L E K Y R N Y D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S A M M E K F K S C D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M A A M L E K Y R N V E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L N K M V D K Y K K A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M A A M L D K Y K N V D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S Q M L G K Y E Q A H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q S M H E K Y Q T S L F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L V K M L E K F K K A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I L Q M L E K Y R N G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A A M L E K Y K N A E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A V M A E K Y K N G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M C L M A S K W Q Q G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A Q M V E K W Q N G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M H A M Y E K Y R S A S F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G V D N M L L K Y E R G E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M N A G L Q K C K T V D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L K L M E E K L L N G D F F G T S R R V V F F C C Q Q Q Q Q P V V L P P V V G G Q Q S D D V V V R R E S S S S
G L K L M E E K Y V Q G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Y K M L E K F V K C C D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q K M L E K Y K Y D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q L M L E K F N R A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L M K M L D K Y K R A E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I Q Q M L E K Y E R Q D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A K M V D K Y K K Y D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q K M L E K Y K K C D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I S Q M L D K F Q S G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q Q M L E K Y K K C D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q Q M Y A K F D S H H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I Q M M Y D K Y L A N H F F G F R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A K M M E K Y K Q G V F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A G M L D K F K H H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q A M V D K Y E A G I F F G T S R R V V H H C C Q Q Q Q Q P V V V L P P V V G G Q Q S D D V V G G R R E A S T
G I D M M L E K Y Q K S V F F G T S R R V V F C C Q Q Q Q Q P V V L P P V V G G Q Q S D D V V G G R R E A S T
G I E L M L D K F N K G V F F G T S R R V V F C C Q Q Q Q Q P V V L P P V V G G Q Q S D D V V G G R R E A S T
G L S M M L Q K W K D G D F F G T S R R V V L Y E H P L L P P M G G T S D D V V G G R R E A S T
G I D L M L E K F Y K G H V F F G T S R R V V N Y G C C K V L P P V V G G R T D T P P G G Q E T
G I Q Q M L E K Y E V H H F F G R R R V V N D C C R Q Q P C Q P P V V G G Q Q S D D V V G G R R E A S T
G L A S M L D K Y K N Y A F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M T L M L E K Y R N C H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I T L M L E K Y K N H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A Q M L E K Y Q Q G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G F L S M L N K Y N K S E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L T K M L E K Y K N A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G V E D M R L K Y E R G D F F G S R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A A M L D K Y K N Y D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I N Q M L E K Y K N A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I Q Q M L E K Y E L G H F F G H C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L N K M M E K Y K N A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q K M Y A K Y K A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L S K M L E K F K A C E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q Q M V E K Y E N G H H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L A A M A D K Y E Q G H F F G A C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L H M M A E K Y T V G H F F G C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G M L Q M Y D K Y E S G E F F G K N D D G C H L P P C C Q Q Q Q S D D V V G G R R E A S T
G L Q K M L D K Y L S G D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L K M M E D K F A N C D F F G T S R R V V F C C Q Q Q Q Q P V V V L P P V V G G Q Q S D D V V G G R R E A S T
G M I S M L E K F K Q S H F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q K M A G K Y K N S D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L Q S M L E K Y K D A D F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L K L M E E K F A E G E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G L K L M E E K F V Q C E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I D Q M M I K W R N G D F F G F R R F Y E K Q Q N L L P V V G G Q Q S D D V V G G R R E A S T
G L D A M L K K Y R E A E F F G R R R V V Y Y C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
G I Q Q M A E K Y E Q H F F G T C C Q Q Q Q Q P T A V V V L P P A V G G T S D D V V G G R R E A S T
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GL A Q M M E K Y E L G H F F G G T C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL I Q M M L D K Y H R G D F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL N D M C L K Y H R G D F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL M A M L D K Y K N F D F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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GL S Q M L D K W T N G D F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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GL O V M Y E K Y E L S N H F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL D T M L Q K Y R E G D F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL L Q A M A E K Y E Q A H F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL T K M M E K Y K L A H F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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GL H Q M A E K Y S M G L F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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GL S Q M S E K Y E L S H F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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GL Q Q M Y E K Y I A S H F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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GL A Q M N A K Y E N A G V F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
GL L H M H E K Y K R A E F F G G V C C C C P R R V V F Y C C C C Q G Q A K V L P P V I V G G L L S T D D T P P G G Q E E M T
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G L Q A M A G K Y E K A V F F G T C C C C L R V V H E G M Y L L P I I G G R Y D Q V V G I E T
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| | | 130 | | | | | | | | 140 | | | | | | | | 150 | | | | | | | | 160 | | | | | | | | | | | | | | | | | |
|------------------------|---|-----|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UniRef90_J4CCG9 | A | K | I | F | C | P | S | C | N | E | T | Y | H | P | K | T | S | R | L | G | L | I | D | G | A | Y | F | G | T | F | A | H | L | F | L | M | V | | | | | | |
| UniRef90_H9B9H0 | V | K | L | F | C | A | R | C | Q | N | E | L | Y | H | P | R | S | S | Y | L | N | N | I | D | G | A | F | F | G | S | V | A | S | L | F | F | M | A | Y | P | | | |
| UniRef90_W7UC60 | V | R | V | F | C | P | R | C | Q | Q | L | I | Y | T | P | S | Q | S | R | L | R | R | Q | M | E | G | A | F | I | G | T | T | F | P | H | L | F | L | M | T | F | E | K |
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| UniRef90_S2JRM5 | V | R | L | Y | C | P | S | C | M | D | L | I | Y | C | P | P | N | P | L | F | Q | N | I | D | G | S | H | F | G | T | T | F | A | H | L | M | F | E | T | Y | S | | |
| UniRef90_A7ART0 | T | K | I | F | C | P | R | C | N | D | V | I | Y | H | P | K | N | S | R | L | S | L | I | D | G | A | Y | F | G | T | T | F | A | H | L | F | L | M | V | H | D | | |
| UniRef90_Q0UM57 | V | K | L | F | C | P | R | C | D | V | V | I | Y | T | P | A | H | E | R | T | E | N | I | V | D | G | A | F | F | G | T | T | F | A | S | L | F | F | M | T | F | D | |
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| UniRef90_D8RIB3 | V | R | F | F | C | P | R | C | E | D | V | F | D | P | I | A | V | Q | H | R | S | V | I | D | G | A | Y | F | G | P | T | F | A | H | L | L | L | L | T | H | P | | |
| UniRef90_E8Z6B9 | V | K | L | F | C | P | K | C | S | D | I | F | Y | P | R | L | R | R | H | S | N | I | D | G | A | Y | F | G | T | T | F | P | H | L | L | L | Q | T | Y | P | | | |
| UniRef90_B4GXV0 | V | Y | T | M | V | P | K | C | N | E | V | Y | H | P | K | N | S | R | L | G | Y | I | D | D | G | A | F | Y | G | T | T | F | A | H | L | F | L | M | V | N | E | | |
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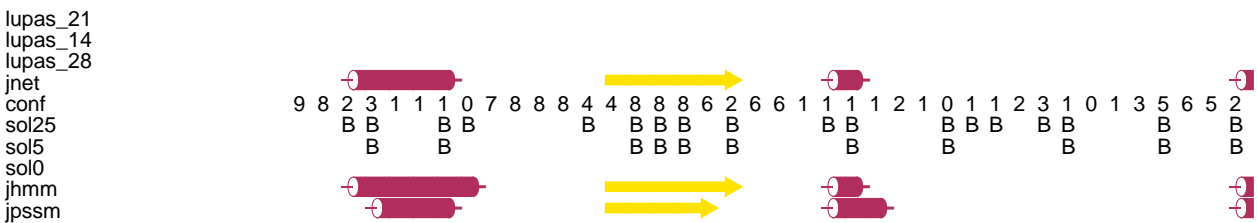
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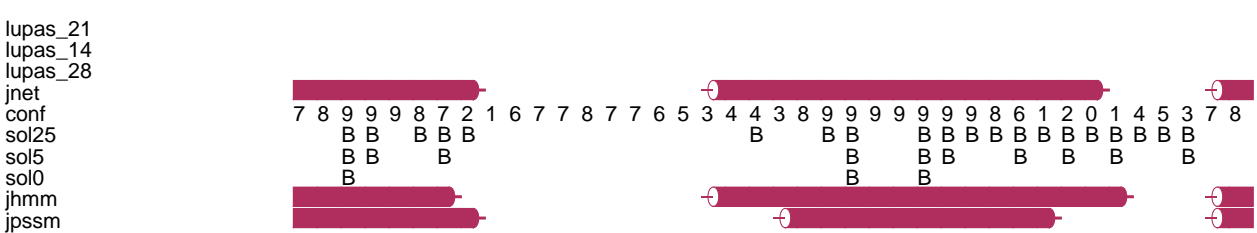
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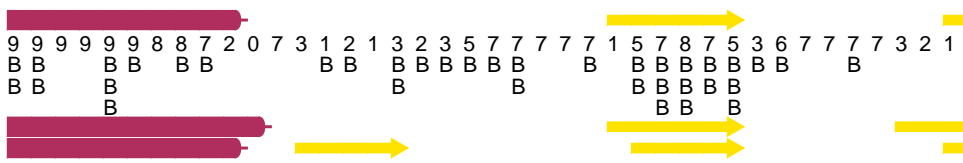
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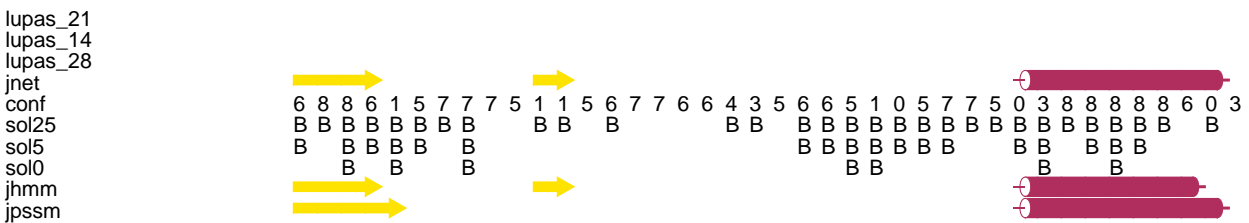
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