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| QUERY | 50 | 60 | 70 | 80 |
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| UniRef90_UPI000362A27E | M A E L Y E N E V | G P Q L G A K V V | A R A W T D P E F K A R L | L L D D D A S A A C C A |
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| UniRef90_UPI000379D1C4 | M I E Q Y E T R I V | G P H V G A A V V | A R A W S D P A F K A R L | L L A D A N A A I H E |
| UniRef90_A3U2F6 | L I E T Y E T E I | G P R N G A Q V V | A R A W T D P A F A Q A L | L R D D D A T A A I H |
| UniRef90_F4CK13 | V V N A F E N D M | G P M N G A K V V | A R A W T E P P A D F K E W L | L R D D D A T S A I I G E |
| UniRef90_H2JTK8 | M V E T L E H R | P A L G S A L V | A R A W T D P A F K E R L | L L A D D G T A A I E |
| UniRef90_D8NXQ2 | I V E R Y Q T K I | G P H I G A R V I | A R A W V D P E F K T A L | L L A D A T A I A |
| UniRef90_U9W2Q8 | I L L G H F E T K M | G P F N G A K L V | A R A W V D P A F K E R L | L L A D C C N A A C Q E |
| UniRef90_W6SJ23 | V L E Y F D S K M | G P F N G A K L V | A K A W V D P P D F K E L | L L I N D C C N A A C C E |
| UniRef90_UPI000372F80F | L V D R Y E H H I | G P Q I G A G L I | S R A W S D P A F K A Q L | V N N T D G L L S |
| UniRef90_A6FP14 | Q I D R M D A R | S P A N G A A V V | A R A W V D P D F R A R L | L L A D A G A A S R L |
| UniRef90_UPI00047CD4D2 | L I I D T Y A H R V | G P Q E G A R V V | A R A W A D P P A F R E A L | L L D D A D P V L D |
| UniRef90_Q7SID2 | M A E I Y E N E V | G P H L G A K V V | V K A W T D P E F K K R L | L L A D D G T E A C K |
| UniRef90_G6A068 | L I I D T Y Q N K I | G P Q I G A A V V | A R A W C D P E G F R A R L | V N T D D A L L D |
| UniRef90_I4W7C5 | Q I E V L D S R | T P A L G A K I V | A R A W L D P D F K A R L | L L K N G R A G C E |
| UniRef90_Q1ATN4 | Q I E Y M D S R | S P A N G A R L V | A R A W V D P E F R R R L | L L A D T K A A A L |
| UniRef90_A0A011RU02 | Q I E V L D S R | T P A L G A K I V | A R A W V D P G F R A R L | L L A N G R T A C E |
| UniRef90_C6B7E8 | L I L D F F E T K M | G P F N G A K I V | A R A W L D P P A F K D R L | V A N T P A I A |
| UniRef90_P21219 | V V S Y Y E N E I | G P M G G A K V V | A K S W V D P E Y R K W L | L E E D A T A A M A |
| UniRef90_S9QNS7 | Q I D A M D A R | S P A N G A A V V | A R A W T D P D F K K R L | L E N G S D A A V R |
| UniRef90_I2QIL3 | I M A F A T E M | G P F N G A K L V | A K A W V D P P A F K K L | L L A E D A T M A V E |
| UniRef90_UPI0001FFE07 | L I I E T Y Q H R V | G P R N G A H V V | A R A W T D P G F A G R L | L A E D A T S A V A |
| UniRef90_UPI0003B5A749 | V I S Y F E T E M | G P F N G A K L V | A K A W V D P E F K K R L | V T L V T P A I A |
| UniRef90_S3HDK9 | Q I E V L D S R | N P A L G A K V V | A R A W T D P E F K S R L | L L E N G R T A C E |
| UniRef90_L8LZ30 | V L N Y F E T E M | G P F N G A K I V | A K A W S D P E F K A K L | L L E D C N A A I S |
| UniRef90_H0E0N5 | V A S T Y E H D V | G P L R N G A R V V | A R A W T D P A F R A R L | L L E D G T A A M A |
| UniRef90_B1G4Y1 | F T K L M E H D | W P L N G A R V V | A R A W V D P A Y R K L | L L E D G T A A C A |
| UniRef90_A4ELE5 | Q I I D T M D A R | N P S H G A A V V | A R A W T D P D F R D D L | L L Q D A S A A T R |
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| UniRef90_B9NVT2 | W V E A Y S E H I | G P M R G A Q V V | A R A W T D P A F R E R L | L L A N G A E A I K |
| UniRef90_UPI0001FFE15D | F V R T Y E Q D V | G P L N G A T V V | A R A W T D P D Y R E W L | L L R D G T A A I A |
| UniRef90_L9XGK5 | A L S A Y E R D I | G P Q N G A R V V | A R A W T D P E F K R L | L L A D G E A A L D |
| UniRef90_H6MWW1 | L W K T F E E D F | T P R K G A E L V | A R A W T D P P E F R E L | L L A D G T A A V G |
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| UniRef90_UPI0003B66E27 | SLLGYTGRVQQGG | DMVVVV | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_UPI0002003DC8 | SLLGYTGRVQQGG | DMVVL | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_B2TAG5 | SLLGYTGRVQQGG | HMI V L | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_U4V214 | SDLGYTGRVQQGG | HMVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_UPI0003714A85 | SMDYTGRVQQGG | HMVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_UPI00036CFA55 | SLLGYTGRVQQGG | HMVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_X6DDX8 | SLLGYTGRVQQGG | HMQAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
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| UniRef90_F2IWF0 | SLLGYTGRVQQGG | HMVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_UPI000478430D | SLLGYTGRVQQGG | HLLVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
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| UniRef90_BOULZ6 | ELGIGGRVQQGG | HMVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
| UniRef90_W6JZZ0 | SMGYFGRVQQGG | HLLVAV | ENTDTTAVHNNM | VVVVTTLLSSCY |
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UniRef90_C6ARM1 P P V W Y K A P A Y R S R A V V I D P R R G V L L A D F F G L V D L L P E E T K E I E I R V W D S S
UniRef90_F2IWF0 P P V W Y K S P A Y R S R A V V R D P R R G V L L A D F F G L V D L L P E E T K I E I R V W D S S
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UniRef90_A0A023UXA2 P P A W Y K S A P Y R R V V I D P R S G V L L A E F F G L V D L L G E E R E I E I R V W D S S
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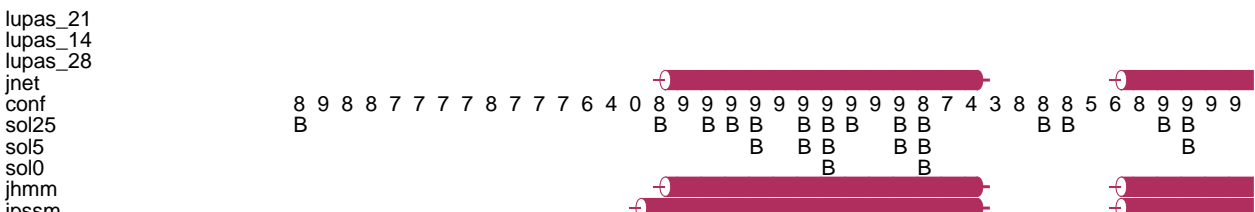
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UniRef90_F3JI91          P Y Q P W C E A L V Q T L T R R G V V R S D E L H A
UniRef90_A5FXG0          A A L E A K G I T N A A E L D A
UniRef90_Q83W02          D A L A A A L V E N G V V T R G E L R D
UniRef90_A9V2C1          A R V L A K L E A Q G I L N E A L L Q E
UniRef90_X8CW24          R K V I A M P E L N A
UniRef90_UPI000474FB58    V D H T T E N A A P A Q A P V I S D R A W A L F R A L D G K G L V P A G Y V I E G
UniRef90_F0Y7M8          L P P I K E R V L A L K Q L L I E K K L I Q E Q A I Q G
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UniRef90_F2U4X2          H P R P G S A V H E A L R R L A V A K G L V S A S Q L R Q
UniRef90_K0PZ22          P R P G E A V Y A A L R D L L I R K E L I S A T E V R E

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|------------------------|---|-----|---|-----|---|-----|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 130 | | 140 | | 150 | | 160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UniRef90_D8JOB2 | P | P | E | W | Y | K | G | F | E | F | R | A | R | L | V | R | E | G | R | T | V | L | A | E | E | G | T | E | V | L | P | K | D | E | T | E | V | K | V | W | D | T | | |
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| UniRef90_AA051UJD3 | P | P | A | W | Y | K | S | P | Q | A | Y | R | S | R | V | V | E | G | R | A | V | L | L | A | E | E | G | T | E | L | V | L | P | D | T | T | Q | R | I | V | W | D | S | |
| UniRef90_M9R6F8 | P | P | D | W | Y | K | S | R | A | Y | R | S | R | V | R | E | P | R | S | R | V | L | L | A | E | E | F | G | V | T | E | L | P | G | T | T | R | I | V | W | D | S | | |
| UniRef90_P13448 | P | P | T | W | Y | K | S | F | E | Y | R | A | R | V | V | R | E | P | R | K | V | V | L | S | E | E | M | G | T | E | L | A | S | D | I | E | I | R | V | Y | D | T | | |
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| UniRef90_S6NZ42 | S | P | E | W | Y | K | G | F | E | F | R | A | R | L | V | R | E | G | R | T | V | L | L | R | E | E | L | G | T | E | L | P | E | E | M | T | E | I | K | V | W | D | T | |
| UniRef90_D6TIN9 | S | P | S | W | Y | R | S | V | N | Y | R | R | R | L | V | R | W | P | R | E | V | L | L | S | E | E | F | G | L | Y | L | P | P | E | V | E | I | R | V | H | D | S | | |
| UniRef90_C7DEE9 | A | P | D | W | Y | K | S | R | E | Y | R | S | R | T | V | K | E | P | R | A | V | L | L | S | E | E | F | G | V | V | L | P | D | H | I | Q | V | R | V | H | D | S | | |
| UniRef90_UPI00046966BC | P | P | D | W | Y | K | S | P | Y | R | S | R | A | V | R | E | P | R | A | V | L | L | S | E | E | F | G | T | R | I | P | D | H | I | Q | V | R | V | N | D | S | | | |
| UniRef90_Q5X5V1 | A | P | A | W | Y | E | R | P | N | Y | R | R | R | L | V | R | W | P | R | Q | V | L | L | A | E | E | F | G | T | I | P | P | D | V | E | V | R | V | H | D | S | | | |
| UniRef90_A8LN78 | P | P | D | W | Y | K | S | R | A | Y | R | S | R | T | V | K | D | P | R | G | V | L | L | A | E | E | F | G | T | E | L | P | R | G | M | T | E | I | R | V | H | D | S | |
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| UniRef90_UPI000382084C | P | P | N | W | Y | K | S | E | A | Y | R | S | R | M | V | A | E | P | R | T | V | L | L | A | E | E | L | G | L | A | L | D | E | S | T | E | I | R | V | W | D | S | | |
| UniRef90_H8INP6 | S | P | E | W | Y | R | T | P | N | Y | R | R | R | L | V | R | W | P | R | Q | V | L | L | A | E | E | F | G | L | I | L | P | E | D | V | E | I | R | V | E | D | S | | |
| UniRef90_K0V7D5 | S | P | E | W | Y | R | T | P | N | Y | R | R | R | L | V | R | W | P | R | Q | V | L | L | G | E | E | F | G | L | F | L | P | D | D | V | E | I | R | V | E | D | S | | |
| UniRef90_G8RHK0 | P | P | Y | W | Y | K | D | P | V | F | R | A | R | A | A | R | E | P | R | K | V | L | L | G | E | E | F | G | V | D | L | P | A | E | T | E | I | K | V | W | D | S | | |
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| UniRef90_D2SH15 | S | P | A | W | Y | K | S | E | A | Y | R | S | R | V | V | R | D | P | R | G | V | L | L | A | E | E | F | G | L | D | L | P | P | T | T | R | I | S | V | W | D | A | | |
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| UniRef90_UPI00036DA408 | S | P | E | W | Y | R | T | P | N | Y | R | R | R | L | V | R | W | P | R | Q | V | L | L | S | E | E | F | G | M | Q | L | P | E | D | V | E | I | R | V | A | D | S | | |
| UniRef90_J9PBS0 | A | P | D | W | Y | K | E | L | E | Y | R | A | R | L | V | R | Q | A | R | T | V | L | L | K | E | E | I | G | L | D | S | L | P | E | S | I | D | I | R | V | W | D | T | |
| UniRef90_L0IRA9 | P | P | Y | W | Y | K | D | P | T | F | R | S | R | A | R | A | R | E | P | R | K | V | L | L | A | E | E | F | G | V | D | L | P | A | D | D | T | E | I | K | V | W | D | S |
| UniRef90_L9W9G4 | P | P | T | W | Y | K | T | P | E | Y | R | S | R | A | V | K | D | P | R | K | V | L | L | R | E | F | G | T | D | L | E | D | D | T | E | L | H | V | H | D | S | | | |
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| UniRef90_G2MIV9 | P | P | T | W | Y | K | S | P | A | Y | R | S | R | V | V | K | E | P | R | A | V | L | L | R | E | E | F | G | T | D | L | L | E | D | D | V | A | I | E | V | W | D | S | |
| UniRef90_J2JVQ9 | S | P | S | W | Y | K | S | E | A | Y | R | S | R | V | V | R | E | P | R | A | V | L | L | A | E | E | F | G | L | V | L | P | S | D | D | T | A | I | T | V | W | D | S | |
| UniRef90_V4YG18 | P | P | D | W | Y | K | E | L | E | Y | R | A | R | I | V | R | E | S | R | T | V | L | L | K | E | E | M | G | L | D | L | P | S | D | D | V | E | I | R | V | W | D | T | |
| UniRef90_D5BMD0 | P | P | E | W | Y | K | S | A | A | F | R | S | R | I | V | Q | E | P | K | D | V | L | L | L | E | E | F | G | L | D | L | N | E | T | T | K | I | R | V | Y | D | S | | |
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| UniRef90_F3J191 | P | R | D | W | Y | K | S | A | T | Y | R | A | R | A | V | R | E | P | R | R | L | L | L | A | D | W | G | H | V | L | P | E | Q | V | R | I | R | V | V | D | S | | | |
| UniRef90_A5FXG0</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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