

QUERY 1 10 20 30 40
UniRef90_UPI0003C12D07 G S R R A S V G S H R F K V Y N Y M S P T F C D H C G S L L W G L V K Q G G L K C C
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UniRef90_E9FT35 T N P H R F E K Y N F S S P T S D Y C S T I L W G L V K T T G G M R C C C
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UniRef90_U4UQ62 P H T F V V H N Y T K P T I C Q Y C K R L L V G L F R Q Q G G L Q C C C
UniRef90_W4YPT8 P H T F I A T F F G Q P T F C S V C K D F V W G L F N K Q Q G G Y K C C C
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UniRef90_UPI0004627CE8 P H T F A V I H S Y T R P T I C Q Y C K R L L K G L F R Q Q G G M Q C C C
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UniRef90_A0A023F5U6 V Y N V K G H K F I P R F F K Q P T F C S H C K D F I W G F G K Q Q G G F Q C C C
UniRef90_L5L1Y4 M L W G L V Y R Q Q G G L K C C C
UniRef90_H2LVM7 G D K T R A Q V P H T F Y I H S Y T K P T M C Q Y C H R L L K G L F R Q Q G G M Q C C C
UniRef90_G3NLA1 P H N F K V H T F R G P H W C E H C A S F M W G L F M A Q Q G G V K C C C
UniRef90_V4BYH1 P H T F I V H N Y T R P T V C H Q C K K L L R G L F R Q Q G G M Q C C C
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UniRef90_E9G2E3 Q I L R P H Q L N V H S Y K S P A F D F C G E M L F G L V R Q Q G G L K C C C
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UniRef90_F6X9B1 N E V Y Q V F K H D F V E T T Y F H P T F C E E C E K L W G L V K Q Q G G W K C C C
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UniRef90_H3BA09 A K V H N V K F H E F I A T F F P Q P T F C S V C H E F V W G L N K Q Q G G Y Q C C C
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UniRef90_T2MCX4 R P H M L Y V H S Y K S P T F C D H C A V M L F G L V R Q Q G G L K C C C
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UniRef90_A9UXQ2 P H R F K V K T Y K S P A F C D H C G S L L W G L Y N Q Q G G M Q C C C
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UniRef90_UPI000274173B H S F H E V T L R K P T F C D S C N G F L W G V T S Q Q G G Y R C C C
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UniRef90_Q86TR8 A S E Q Q E P K A H Q F S I K S F S S P T Q C S H C T S L M V G L I R Q Q G G Y A C C C
UniRef90_T2MEP3 I H Q I G G H K F M A T Y L R Q F T F C S H C K E F I W G V I K Q Q G G Y Q C C C
UniRef90_B4GU47 P H R F K P H T F M S P T F C D H C G S L M G G F F I Q Q G G L K C C C
UniRef90_Q3UU96 K T H Q F V K S F T A P T K C H Q C T S L M V G L I R Q Q G G L S C C C
UniRef90_O96997 A R V V E V K G H K F V L T Y F K T F T F C G H C G R F L W G V G P Q Q G Y Q C C C

| | 50 | | | | | | | | | | | | | 60 | | | | | | | | | | | | |
|------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|--|
| QUERY | E | D | C | G | M | N | V | H | H | K | C | R | E | K | V | A | N | L | C | E | F | L | V | T | D | |
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| UniRef90_E9C2I2 | E | A | C | K | L | N | V | H | K | R | C | Q | D | K | V | P | H | T | C | G | | | | | | |
| UniRef90_G4T6B9 | K | S | C | G | L | S | V | H | A | R | C | E | M | K | I | P | A | E | C | T | G | T | | | | |
| UniRef90_E9FT35 | S | D | C | G | Y | N | C | H | E | K | C | L | D | L | V | P | K | H | C | S | | | | | | |
| UniRef90_G6CUC3 | Q | V | C | S | F | V | V | H | K | R | C | H | E | Y | V | T | F | T | C | P | G | | | | | |
| UniRef90_U4UQ62 | K | D | C | N | Y | N | V | H | K | K | C | L | E | K | V | P | K | D | C | T | G | | | | | |
| UniRef90_W4YPT8 | K | D | C | K | F | N | C | H | K | R | C | A | D | K | V | P | K | D | C | | | | | | | |
| UniRef90_Q5PU49 | R | Q | C | N | A | A | L | H | K | K | C | L | D | K | L | I | G | R | C | T | G | T | A | A | N | |
| UniRef90_UPI0004627CE8 | K | E | | | | | | | | | | | | | | | | | | | | | | | | |
| UniRef90_W9YI25 | T | D | C | G | F | T | C | H | S | K | C | H | M | K | V | P | A | D | C | P | G | E | Q | T | | |
| UniRef90_E9CD88 | K | D | C | G | F | N | C | H | E | K | C | V | M | Q | V | P | S | N | C | R | G | D | | | | |
| UniRef90_W5LG39 | K | D | C | K | F | N | C | H | K | R | C | A | S | K | V | P | R | D | C | L | G | E | V | | | |
| UniRef90_A0A023F5U6 | Q | V | C | S | F | V | V | H | K | R | C | H | E | Y | V | S | F | T | C | P | G | | | | | |
| UniRef90_L5L1Y4 | E | G | C | G | L | N | Y | H | K | R | C | A | F | K | I | P | R | N | C | S | G | V | | | | |
| UniRef90_H2LVM7 | S | D | C | R | F | N | C | H | R | R | C | V | P | L | V | P | R | D | C | P | G | | | | | |
| UniRef90_G3NLA1 | A | D | C | G | L | N | V | H | K | Q | C | S | S | L | V | P | N | D | C | K | | | | | | |
| UniRef90_V4BYH1 | K | D | C | K | F | N | C | H | K | R | C | M | P | L | V | P | N | D | C | A | G | | | | | |
| UniRef90_S7PUQ0 | R | L | C | G | L | S | V | H | S | K | C | E | L | K | V | P | A | E | C | T | G | | | | | |
| UniRef90_UPI0001A64132 | K | A | C | L | F | T | V | H | K | R | C | Y | Q | L | V | T | F | Q | C | P | G | A | D | T | | |
| UniRef90_UPI0003DEB7E7 | D | | | G | T | N | R | L | R | R | D | R | P | T | I | K | L | R | C | Q | | | | | | |
| UniRef90_C4JD83 | R | D | C | G | Y | T | C | H | N | K | C | E | M | K | V | A | P | E | C | P | | | | | | |
| UniRef90_A0A034VFN7 | E | W | C | G | M | T | T | H | G | G | C | R | T | Y | L | T | T | E | C | | | | | | | |
| UniRef90_Q22744 | E | H | C | N | Y | T | C | H | A | R | C | R | D | L | V | T | L | D | C | | | | | | | |
| UniRef90_E9G2E3 | E | F | C | G | L | S | F | H | K | R | C | V | Y | K | I | P | N | N | C | S | | | | | | |
| UniRef90_B6K6X9 | K | R | C | N | Y | H | C | H | A | R | C | E | M | K | V | P | P | E | C | G | | | | | | |
| UniRef90_P05130-2 | S | A | C | D | M | N | V | H | A | R | C | K | E | N | V | P | S | L | C | G | C | D | H | T | E | |
| UniRef90_R7UE68 | K | D | C | K | F | N | C | H | K | K | C | A | A | Q | V | A | K | D | C | R | G | | | | | |
| UniRef90_I1G4K3 | G | V | C | G | V | N | C | H | S | R | C | Q | P | N | I | P | N | L | C | G | | | | | | |
| UniRef90_W5QFM5 | K | D | C | G | M | N | C | H | K | Q | C | K | D | L | V | V | F | E | C | K | K | R | A | K | N | |
| UniRef90_C3XR77 | K | D | C | K | F | N | V | H | K | K | C | A | P | K | L | V | P | K | D | C | T | G | E | V | A | |
| UniRef90_H2RKX0 | K | V | C | K | M | N | V | H | R | R | C | E | K | N | V | A | P | N | C | G | V | D | A | | | |
| UniRef90_U4UJ07 | M | D | C | G | Y | S | C | H | E | K | C | S | E | G | V | P | N | N | C | T | | | | | | |
| UniRef90_E1FTD7 | Q | T | C | T | V | V | V | H | K | R | C | H | E | G | I | W | K | | | | | | | | | |
| UniRef90_UPI00046D63B6 | E | V | C | N | F | V | V | H | E | R | C | L | K | T | V | V | S | P | C | S | S | I | S | A | N | |
| UniRef90_U5Q0T5 | E | V | C | S | M | N | I | H | R | R | C | E | G | N | V | A | N | N | C | G | | | | | | |
| UniRef90_S8FJ62 | K | A | C | G | V | S | V | H | A | K | C | E | L | K | V | A | A | D | C | A | G | | | | | |
| UniRef90_U6IN71 | E | K | C | D | M | N | V | H | I | K | C | K | A | M | V | P | G | L | C | G | V | D | H | T | E | |
| UniRef90_F6X9B1 | K | G | C | G | L | N | C | H | K | H | C | K | E | R | I | V | Q | E | C | | | | | | | |
| UniRef90_U5Q0I7 | S | C | D | M | N | V | H | K | R | C | E | E | S | V | P | N | L | C | G | C | D | H | T | E | | |
| UniRef90_T1G776 | E | S | C | E | M | I | V | H | K | R | C | E | G | N | V | P | P | L | C | G | L | D | N | T | E | |
| UniRef90_W5NGI0 | E | V | C | N | F | S | C | H | V | T | C | A | D | K | A | P | A | V | C | P | | | | | | |
| UniRef90_H9KIC1 | E | I | C | E | Y | F | A | H | T | E | C | Q | D | F | A | V | A | D | C | K | E | N | A | T | | |
| UniRef90_B4HZ47 | Q | V | C | T | L | V | V | H | K | K | C | H | L | S | V | V | S | K | C | P | G | M | | | | |
| UniRef90_R7UCD0 | Q | V | C | S | A | A | V | H | K | R | C | H | D | R | V | L | G | K | C | P | G | S | A | K | E | |
| UniRef90_H3BA09 | R | Q | C | N | A | A | I | H | K | K | C | K | D | K | V | I | A | K | C | T | G | S | A | V | N | |
| UniRef90_K7JHC5 | G | N | C | T | L | N | V | H | R | Q | C | V | R | I | V | E | E | N | C | P | G | | | | | |
| UniRef90_G6DT20 | E | G | C | G | L | N | Y | H | K | R | C | A | V | K | V | P | S | N | C | Q | S | S | A | S | | |
| UniRef90_A7S4Z5 | K | D | C | K | F | N | C | H | R | K | C | A | E | K | A | P | K | N | C | L | G | D | V | | | |
| UniRef90_V4B417 | E | V | C | N | F | V | V | H | D | R | C | L | R | T | V | V | S | P | C | S | C | I | A | | | |
| UniRef90_G3W2Q1 | F | G | C | E | M | N | V | H | R | R | C | V | R | S | V | P | S | L | C | G | V | D | H | T | E | |
| UniRef90_F7EG69 | D | E | C | A | M | N | V | H | H | K | C | Q | N | K | V | A | N | L | C | G | | | | | | |
| UniRef90_H3AH89 | K | D | C | G | V | N | C | H | K | Q | C | K | D | L | L | V | L | A | C | | | | | | | |
| UniRef90_A0A034W9K4 | T | Q | C | N | M | N | V | H | K | R | C | Q | K | N | V | A | N | T | C | G | | | | | | |
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T V C N F V C H E R C L S S L T V D C T H L L S E
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K A C K L N V H K R C A A N I S N S C G
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N A H N F H E T T Y K R P T F E T C G F L W G V I K Q G G Y H C
P H R F E G T T N L G A N W C C H C G Y M L P V G K K N A R K C C
K G H D F Q A L G H T H L A W C D L C S G E F I W G V Y K Q S L R C C
A H P H R F R L D S A T P T H C D A C S G V L W G P V K A G L R C C
P H R F E P I T N L G A N W C C H C G Y M L P L G S R G A K K C C
R G H R F Q P A G F A T H T W C D L C C G D F I W G V V R K G L Q C C
G S H V W R L R H F T K P T Y C N A C S L V G W G G K Q G L S C C
S L R A N P K S H S F K M R S F T V P T K M R C T A L M V G L L R Q G Y A C C
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H G F I N Y Q V S I V Q S D Q C S S Y I W G M E K A Y M C C
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| | | 50 | 60 |
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| UniRef90_C9J3V9 | A D C | G L N V H K Q C | S K M V P N D C K |
| UniRef90_A0A034VTX6 | T D C | K L N I H R P C | S K V L D E N C P G |
| UniRef90_B4L4X9 | K D C | T M C C H K K C | I A K C A T V C G |
| UniRef90_UPI0001A62D15 | E I C | E Y Y S H Y E C | L D F V A A D C K |
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| UniRef90_A0A034VP17 | R D C | N L I C H K Q C | H I R A P Q A C P |
| UniRef90_F0Z9W5 | L D C | N F S S H S H C | T A F V T V H C N R T N E D |
| UniRef90_F6R5E6 | D A C | G Y F C H S T C | A |
| UniRef90_UPI0003F1727D | E V C | E L H V H P D C | V P F A C S D C R H C H Q D |
| UniRef90_L5L311 | K A C | K M S I H H K C | M D L A P Q R C |
| UniRef90_T1PQM6 | R I C | K L N A H G D C | A S Q L P |
| UniRef90_W7TGJ4 | E R C | G L D A H R E C | Q L Q I Q R P C R G L A S |
| UniRef90_P34125 | S E C | R Y I A H G H C | Q T K V P L N C |
| UniRef90_U6D170 | T R C | G V G A H K E C | L E V T P P C K |
| UniRef90_M3ZEF4 | S A C | K F V C H K K C | L D K I I T D C S |
| UniRef90_H3F901 | R D C | K M V C H K S C | H Y K T D T F C T |
| UniRef90_T2MCJ2 | E V C | R F K S H K S C | A S N A P R S C K W T |
| UniRef90_L5LAS8 | E A C | S M N V H R R C | E A K V P S L C G V D H T |
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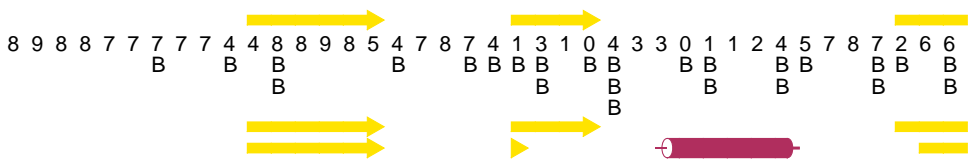
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