

| QUERY | 1 | 10 | 20 | 30 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UniRef90_D6Y7D8 | M | H | N | Y | V | I | D | A | F | A | S | V | P | L | E | G | N | P | V | A | V | F | F | D | A | D | V | P | A | Q | M | Q | R | L | A | R | E | E | | | | | | |
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| UniRef90_UPI00031D31BA | M | H | N | Y | V | V | D | A | F | A | R | R | P | L | E | G | N | P | V | A | V | F | F | D | A | D | V | P | A | Q | M | Q | R | L | A | R | E | E | | | | | | |
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| UniRef90_UPI00046755F6 | D | F | H | Q | V | | D | A | F | T | N | V | S | F | G | G | N | P | A | M | V | Y | R | L | D | A | E | N | L | S | E | E | L | M | Q | K | I | A | K | E | E | | | |
| UniRef90_A3IAK2 | E | F | Y | Y | V | | D | A | F | T | T | E | T | F | G | G | N | P | A | G | V | I | P | N | A | E | N | L | S | E | E | L | M | Q | K | I | A | K | E | E | | | | |
| UniRef90_F6ERN0 | M | P | F | W | L | | D | A | F | T | S | R | Q | F | G | G | N | P | A | A | V | V | L | M | D | Q | K | Y | E | S | D | A | E | W | M | Q | A | I | A | K | E | E | | |
| UniRef90_D1C9F9 | Y | S | F | V | Q | V | D | A | F | T | S | R | Q | F | G | G | N | P | A | A | V | V | L | M | D | Q | K | Y | E | S | D | A | E | W | M | Q | A | I | A | K | E | E | | |
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| UniRef90_UPI000360E1C8 | M | R | A | F | K | Q | V | D | A | F | T | K | T | P | F | G | G | N | P | V | A | V | I | L | E | G | D | G | L | T | T | T | Q | M | Q | I | A | A | K | E | E | | | |
| UniRef90_C5AHF6 | D | Y | I | V | V | | D | A | F | T | R | T | P | L | E | G | N | P | V | A | V | F | L | V | D | V | P | L | P | A | E | E | R | M | Q | R | I | A | A | K | E | E | | |
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| UniRef90_UPI00031E26E8 | D | I | Y | Q | V | | D | A | F | S | Q | H | P | F | G | G | N | P | A | A | V | C | P | L | E | T | E | W | L | S | D | E | T | Q | L | Q | D | I | A | A | K | E | E | |
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| UniRef90_T2J6X0 | K | V | F | H | Y | | D | A | F | S | N | K | P | N | M | G | N | P | A | G | L | V | I | D | A | E | G | L | T | D | D | E | M | Q | L | I | A | A | K | K | E | | | |
| UniRef90_UPI00030B5AB2 | P | I | Y | Q | I | | D | A | F | T | T | R | L | F | S | G | N | P | A | A | V | V | P | L | K | E | A | W | L | T | D | D | E | Q | M | Q | N | I | A | A | K | E | E | |
| UniRef90_UPI00038218F6 | D | L | Y | Q | V | | D | A | F | A | S | K | P | F | E | G | N | P | A | A | V | C | P | L | E | A | W | L | D | D | A | L | L | Q | A | I | A | A | K | E | E | | | |
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| UniRef90_UPI000367B98F | R | R | Y | L | T | V | D | A | F | T | D | R | P | F | G | G | N | P | L | G | V | V | F | D | A | D | Q | G | L | T | D | D | Q | M | Q | A | I | A | A | K | E | E | | |
| UniRef90_UPI00046422BD | Q | M | Y | Q | V | | D | A | F | A | G | K | L | F | G | G | N | P | A | A | V | C | P | L | T | H | W | L | D | D | E | L | M | Q | S | I | A | A | K | E | E | | | |
| UniRef90_UPI0003A99A7F | M | R | K | Y | T | L | V | D | A | F | T | N | A | V | F | G | G | N | P | A | A | V | F | K | D | A | E | K | L | S | S | E | E | R | M | Q | A | I | A | A | K | E | E | |
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| UniRef90_UPI000464ACE3 | Q | Y | S | V | V | | D | A | F | T | D | T | A | F | K | G | N | P | A | A | V | C | I | L | E | E | E | R | D | E | E | W | L | Q | A | I | A | A | K | E | E | | | |
| UniRef90_A0A059CPQ0 | R | V | Y | H | V | | D | A | F | T | T | E | K | F | G | G | N | P | A | A | V | V | L | D | G | S | F | L | T | E | D | D | M | Q | S | I | A | A | K | E | E | | | |
| UniRef90_A0A059N845 | R | V | Y | H | V | | D | A | F | T | T | E | K | F | G | G | N | P | A | A | V | V | L | D | G | S | F | L | T | E | D | D | M | Q | S | I | A | A | K | E | E | | | |
| UniRef90_F8FRF3 | M | R | Q | Y | V | V | | D | A | F | T | Q | N | P | F | G | G | N | P | A | A | V | P | D | A | E | D | L | T | L | T | Q | M | Q | K | I | A | A | K | E | E | | | |
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| UniRef90_B5Y011 | T | E | Y | Q | V | | D | A | F | S | K | G | P | F | T | G | N | P | A | A | V | C | L | D | E | T | W | P | E | D | S | V | L | Q | H | I | A | A | K | E | E | | | |
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| UniRef90_I0GSC7 | Y | R | V | Y | Q | V | | D | S | F | T | R | E | R | F | H | G | N | P | A | G | V | V | P | N | A | D | G | L | T | D | E | Q | M | Q | H | I | A | A | K | E | E | | |
| UniRef90_UPI0004264AB0 | E | I | F | Q | V | | D | A | F | S | A | E | P | F | G | G | N | P | A | A | V | I | P | L | D | H | W | L | P | D | A | V | L | Q | R | I | A | A | K | E | E | | | |
| UniRef90_V6JBP5 | R | V | F | T | V | | D | S | F | T | D | K | P | F | R | G | N | P | A | A | V | C</ | | | | | | | | | | | | | | | | | | | | | | |

QUERY M N L S E S T F V L K P R N G G D A R I F T P V N E L L P F A G A P L L G T A
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| QUERY | 90 | 100 | 110 | 120 |
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| UniRef90_UPI00047A3717 | WVLLGTYKADQVLE | ETNVLGLIPLVKKWIK | ENQLIRVSA | MTQ |
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| UniRef90_F6ERN0 | HVLLAGETSGLPGLRFF | TRSGEIVVVT | NTDGRY | WMD |
| UniRef90_D1C9F9 | YVLLATPA GATEFALFE | TRSGVPLVVRTLE | GD PNA | PTF |
| UniRef90_G9E8E9 | WVLFNVLGDSS EILQ | FQTRSGPLLVK | REDDE | LD |
| UniRef90_W1P9Y7 | HVLLFGFVDT EIKFF | HTRSGILTA | KKARD | GGSP |
| UniRef90_D7AZE2 | HVLLSEGLGVPGPYR | TRSGVLTVT | ERDGR | MW |
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| UniRef90_I4Y2H9 | WVLLFEQLNPSLRF | FSGLRVR | RDGE | |
| UniRef90_UPI000360E1C8 | HVLLLEQDRE GVVV | QESAGLITVT | VDS | SEGE |
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| UniRef90_A0A023C5E7 | WVLLALADA | PDLRF | FATRS | SGEL |
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L G L P E T A F L V P E A G N H I R R W F T T P K I E I S L C C G G H A T T L A T A
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L D A P E T T F V V L D L D R R G A T V R R Y F T T P P T Q E E L E F C C G H A T T L A L G
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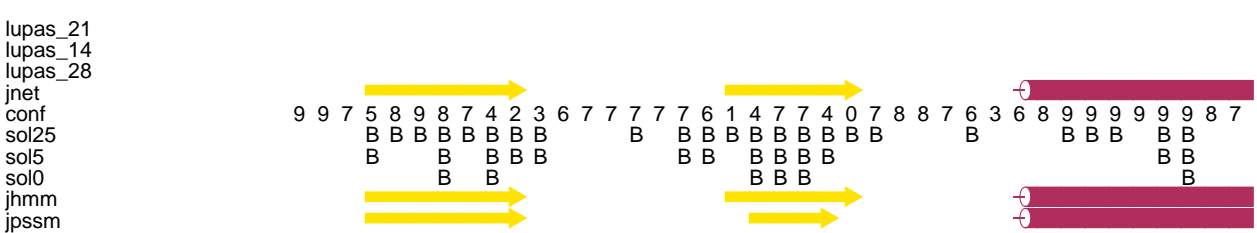
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