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UniRef90_W1IN55 N R A A Q G D I T A P G G A R R L T G D Q T A A L R D S L S D K P A K N I I L F
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UniRef90_UPI0003946466 | L G D G M G I | P T V T | A A R I L K | G Q L E R K | S G E E S L A M D S F P H L A
UniRef90_I3M639 | L G D G M G V | P T V T | A T R I L K | G Q Q K G K | L G P E T P L A M D H F P Y M A
UniRef90_UPI0003B3B0D8 | G D G M G D S E I T | I A R N Y A | E G A G G N F | E G I D A L P L | T G S Y T T Y S
UniRef90_UPI000393D3D3 | L G D G M G V | S T V S | A A R I L R G Q M D G G S | G E E T P L A M D T F P Y V | A
UniRef90_G316D7 | L G D G M G V | S T V T | A T R I L K | G Q L Q G H | L G P E T P L A M D A F P Y T A
UniRef90_Q2MF16 | V G D G M G D S E I T | L A R N Y Q | H G A G G R | L T L D R L P L | T G S L T T H S
UniRef90_E317W1 | L G D G M S I | P T V T | A A R I M D G Q R R G V | D G E S N S L A F E T L P Y V | A
UniRef90_UPI000333B0BA | L G D G M G V | P T V T | A T R I L K | G Q L N G K | P G P E T P L A M D L F P Y L A
UniRef90_V9KD00 | L G D G M G I | P T V T | A A R I L K | G Q L Q N R | T G E E T V L A M E S F P H L G
UniRef90_UPI00027F51D2 | L G D G M G V | S T V T | A A R I L K | R Q K K G K | L G P E T P L A M D H F P Y L A
UniRef90_H2QJL9 | L G D G L G V | P T V T | A T R I L K | G Q K N G K | L G P E T P L A M D R F P Y L A
UniRef90_UPI0004625620 | G D G M G D S E I T | S A R D Y L | Y G A N G R | L P G L D N L Q Y T G S Y T H F S
UniRef90_T2MHU4 | L G D G M G P | S T V T | A A R I L D G Q K K K K G G E E N V L S W E E F D N V | A
UniRef90_G1P9P7 | L G D G M G V | P T V S | A A R I L K A Q M N G K | L G P E T P L A M D K F P Y L A
UniRef90_H2LRU2 | L G D G M G V | T T V S | A A R I L R G Q M E G W S | G E E T V L A M D T F P Y V | A
UniRef90_G3TRJ8 | L G D G M G V | P T V T | A A R I L K G Q L Q G H | L G P E T S L A M D H F P Y L A
UniRef90_Q4RYZ7 | L G D G M G M T Y T | A A R I L K G Q L Q G R | A G E E T V L T M D T F P S V G
UniRef90_UPI0003EAAE97 | L G D G M G V | S T V S | A T R I L K | G Q M E G N S | G E E T V L T M D T F P H L A

| QUERY | 90 | 100 | 110 | 120 |
|------------------------|---|---------------------------|-----------------------------|-----------------------------|
| UniRef90_W1IN55 | L N K K T G K P D Y Y V T | D S A A S A T A W S T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_P35483 | L H K D S G L P D Y Y V T | D P A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_A0A024KAR1 | L L D K D S G K P D Y Y V T | D P A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_KOPPL3 | L D D K K T G K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_J0ZQY7 | L L D K K T H L K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_W1ISM7 | L L N E K T H K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_C5BGJ8 | L D R K K T H K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_M1SC49 | L D D K K T Q K P N Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_K2IXN4 | L L D K A S G K P N Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_T0IED2 | L D R K K T G L P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_E8LJT2 | L L N K K T K K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_G2IKS3 | L L E R E T G K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_Q8VQS3 | L D K K T G K P D Y Y V T | D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI00037C16B1 | L L D K E T K L P D Y Y V T | D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_AOQR75 | L L N K D G S P N Y Y V T | D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI00036B406B | L D K E G K P D Y Y V T | D S A A S G T A W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_S2YWG0 | L L D K E G K P N Y Y V T | D S A A S G T A W S T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_G0HAR9 | L L N K D G S P N Y Y V T | D S A A S G T A W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_D5UN94 | L L N K D T K K P D Y Y V T | D S A A S G T A W S T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI0003825DE8 | L L D K A D G L P D Y Y V T | D S A A S G S G W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_E2XBZ6 | L L N K K T G K P D Y Y V T | D S A A S A T A W S T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI0002486AE2 | L L D K D G K P D Y Y V T | D S A A S G T A W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_A3TR10 | L L T K D G K P D Y Y V T | D S A A S G S G W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_M2QSL0 | L V K N N P S K P D Y Y V T | D S A A S G T G W A T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI00037FF989 | L D Q K T G K P S Y Y V T | D S A A S G S A W S T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_W5WCZ8 | L V D K N P A K P D Y Y V T | D S A A S G T G W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI00045E8EF8 | L V D R V D G L P D Y Y V T | D S A A S G T G W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_UPI00047CBB73 | L V T K D P S K P D Y Y V T | D S A A S G T G W S T G S | K T Y N N G A L I I L L | G G G V V D D V I H K E K D |
| UniRef90_R4Y1R0 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI00045DD1A3 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_M7AX29 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0003C2661B | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000441FBFA | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_F7G4Y2 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_K7NBQ5 | L A K T Y N T N A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_W5M6U5 | L S K T Y N T N A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000388D603 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000273AC8C | L S K T Y N T N A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H2LRU1 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI00046B17F5 | L S K T Y S V D R H V T D S A A T S T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H3A493 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_W5MBG9 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0004798E1B | L Q K N P N L P D Y Y V T D S A A S G T G W A T G R | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_W5UA0G0 | L S K T Y N T N A Q V A D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_K1Q804 | L S K T Y L C N A Q V A D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_G3NL30 | L A K T Y N T N A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_F1SMT7 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_V3ZME0 | L S K T Y N T D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_A1L2L6 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H2MR10 | L S K T Y N T D A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0004464FA | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000413F34F | L Q E S N P K P D Y Y V T D S A A S G T G W A T G N | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H2TBR5 | L S K T Y S V D K Q V A D S A A T A T A Y L L H C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_W5PFB8 | L S K T Y N T N A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI00038EE414 | L S K T Y N T N A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H3B3E8 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0003445974 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000328D313 | L S K V Y S V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000388ACA8 | L A K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_F7E932 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H9GX67 | L A K V Y S V D F Q I P D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0003C18AD2 | L S K T Y Y C V D R Q V P D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_Q45777 | L S K T Y N T N A Q V A D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0003C2A47E | L S K T Y N T D A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_F1QAR9 | L S K T Y Y C V D K Q V A D S A A T A T A Y L L H C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_U3JZ37 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI00032AD777 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0003332682 | L S K T Y S V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_M4A116 | L A K T Y S V D F Q I P D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
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| UniRef90_UPI0003B3B0D8 | L Y K T A G K P D Y Y V T D S A A T G T A W A T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000393D3D3 | L S K T Y S V D K Q V A D S A A T A T A Y L L H C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_G316D7 | L S K T Y S T D M Q I P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_Q2MFI6 | V V K D P G H P E Y V T D S A A G A T A W A T I G A | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_E3I7W1 | L S K T Y T H D S Q V A D S A P T A T A Y L V S G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI000333B0BA | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_V9KD00 | L S K T Y N V D F Q I P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI00027F51D2 | L S K T Y S V D K H V P D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H2QJL9 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0004625620 | L N P E T G K P N Y Y V T D S A A S S T G W N T G T | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_T2MHU4 | L S K T Y N V D A Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_G1P9P7 | L A K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_H2LRU2 | L S K T Y S V D K Q V A D S A A T A T A Y L L H C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_G3TRJ8 | L S K T Y N V D R Q V P D S A A S A T A W T T G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_Q4RYZ7 | L A K T Y S V D F Q I P D S A A T A T A Y L L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |
| UniRef90_UPI0003EAAE97 | L S K T Y S V D M Q V A D S A A S T G T A Y L C G G V | K T Y N N G A L I I L L | G G G V V D D V I H K E K D | |

QUERY UniRef90_W1IN55 UniRef90_P35483 UniRef90_A0A024KAR1 UniRef90_KOPPL3 UniRef90_J0ZQY7 UniRef90_W1ISM7 UniRef90_C5BGJ8 UniRef90_M1SC49 UniRef90_K2IXN4 UniRef90_T0IED2 UniRef90_E8LJT2 UniRef90_G2IKS3 UniRef90_Q8VQS3 UniRef90_UPI00037C16B1 UniRef90_A0QR75 UniRef90_UPI00036B406B UniRef90_S2YWG0 UniRef90_G0HAR9 UniRef90_D5UN94 UniRef90_UPI0003825DE8 UniRef90_E2XBZ6 UniRef90_UPI0002486AE2 UniRef90_A3TR10 UniRef90_M2QSL0 UniRef90_UPI00037FF989 UniRef90_W5WCZ8 UniRef90_UPI00045E8EF8 UniRef90_UPI00047CBB73 UniRef90_R4Y1R0 UniRef90_UPI00045DD1A3 UniRef90_M7AX29 UniRef90_UPI0003C2661B UniRef90_UPI000441FBFA UniRef90_F7G4Y2 UniRef90_K7NBQ5 UniRef90_W5M6U5 UniRef90_UPI000388D603 UniRef90_UPI000273AC8C UniRef90_H2LRU1 UniRef90_UPI00046B17F5 UniRef90_H3A493 UniRef90_W5MBG9 UniRef90_UPI0004798E1B UniRef90_W5UAG0 UniRef90_K1Q804 UniRef90_G3NL30 UniRef90_F1SMT7 UniRef90_V3ZME0 UniRef90_A1L2L6 UniRef90_H2MR10 UniRef90_UPI0004464FA UniRef90_UPI000413F34F UniRef90_H2TBR5 UniRef90_W5PFB8 UniRef90_UPI00038EE414 UniRef90_H3B3E8 UniRef90_UPI0003445974 UniRef90_UPI000328D313 UniRef90_UPI000388ACA8 UniRef90_F7E932 UniRef90_H9GX67 UniRef90_UPI0003C18AD2 UniRef90_Q4S777 UniRef90_UPI0003C2A47E UniRef90_F1QAR9 UniRef90_U3JZ37 UniRef90_UPI00032AD777 UniRef90_UPI0003332682 UniRef90_M4A116 UniRef90_G316D8 UniRef90_UPI00038BF942 UniRef90_Q4S795 UniRef90_UPI0002ED7CDD UniRef90_UPI0003946466 UniRef90_I3M639 UniRef90_UPI0003B3B0D8 UniRef90_UPI000393D3D3 UniRef90_G316D7 UniRef90_Q2MFI6 UniRef90_E3I7W1 UniRef90_UPI000333B0BA UniRef90_V9KD00 UniRef90_UPI00027F51D2 UniRef90_H2QJL9 UniRef90_UPI0004625620 UniRef90_T2MHU4 UniRef90_G1P9P7 UniRef90_H2LRU2 UniRef90_G3TRJ8 UniRef90_Q4RYZ7 UniRef90_UPI0003EAAE97

130 140 150 160

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H H Q Q S I L L E E L L A K K K N G K A T G N I V S T T A E E L V Q Q D D A T P A A S M F A H V I V T T Q G R R K C C C C C C C C
Y P T T L L E E M A R K A A G K A T G N V V S T T A E E L V Q Q D D A T P A A A M F A H V I V S T S G R R K C C C C C C C C
H H P T T L L E E L L A K K A A G K A T G N V V S T T A E E L V Q Q D D A T P A A A L L S N V I V S T S Q R R K C C C C C C C C
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V M S V M Y R A K Q A G K S V G I V T T T T V V Q H H A S P A G T Y A H T V N R N W
H D T L L E L L A R A N G L R T G N V T T T S E I Q Q D A T P A A V Q Q I A H V I V D A R S C
V Y S V L R R A K A Q G K S V G I V T T T S V V Q H H A S P A A A Y A H S V S R S W
V L S V M H Q K A K A G K A V G I V T T T S V V Q H H A S P A A T Y A H T V N R N W
R P T L L E E L L A K R R G F R T G S V T T T S E L Q Q D A T P A A A I S A H V I V L D R S C
V E T T I F E L L A E K A G L T G I V T T T A R I T H H A T P A A A Y A K T A G R D W
V E S V L S R A K K A G K S V G I V T T T R V V Q H H A S P A A T Y A H V I V A G R D W
V E S V L K R S K A A G K S V G I V T T S T R V V Q H H A S P S A N Y A H S V I E R N W
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V I S V M N R A K K A G K S V G I V T T T R V V Q H H A S P A G T Y A H T V N R N W
V P N I M E H A K A R G M K T G N V T T T S E I E D A T P A G A A T H S L N R K C
V L S L A Q Y A E L A G L T G V V T T T R L T H H A T P A T Y A H S A S R N W
V I S V M A R A K K A G K S V G I V T T T R V V Q H H A S P S G T Y A H T V N R E W
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V M S V L S R A K K A G K S V G I V T T T R V V Q H H A S P A G T Y A H T V N R N W
V T S I L K W A K D A G K S V G I V T T T R V V Q H H A T P A A S Y A H S A S R K W
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Y G P S A T S E K 170 G N A L E K G G K G S I T E Q L L V N A R A D V I L L G G G G A
Y G P R E A T S A K K C C C C P T D N A L E E N G G G K G S I T E Q L L V N A R A D V I L L G G G G A
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Y A P P S S T L A K C C C C P A S A L E Q N G G K G S I T T E Q L L L N A R A D D V T L L G G G G A
Y G P P S A T S E K C C C C P G N A L E E K G G G K G S I I T T E Q L L L N A R A D D V T L L G G G G A
Y G P P E D T E K C C C C P E D L R E E R G G R G S I S E E Q I L L D T R A D D V T L L G G G G A
Y G P P V A T S A K K C C C C P E A A L E E N G G L G S I T T E Q L L L N Q T R P D D V T L L G G G G A
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Y S D A N M P P S Q A L K E G C C C A T Q L L S N T D I A T Q Q L L S N D D V I L L G G G G R
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QUERY

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L S K T Y N V D R Q V T P D S A A S G T A Y L C C G V K K T R M D G V I G L S V A H G N E
L S K T Y N V D R D V P D D S A A S G T T T A Y L C C G V K T R M K V I S G V D V I Q A A K E
L N R E T G K P D Y V T D S S A A S G S A L Y S G I K T Y N G G L G I V D N N G K P
L S K T Y S V D F Q V T S D S S A N T A T A F L C S G V K K A N V E T L L G G L D N S R I K H
L S K T Y A V D I T V P D S S A N T A T A Y L C C G V K K A M E G T I G V L S A Q T N H
V N K D G S I N Y V T D S S A A S A T A G W S T G T K T Y N G A I G V D D I F G K P
L A R T Y N V D A Q V G E S S A A S G T A L L C C G V K K A N Y E T I V G G L D I F D A R
L S K T Y N V D Y Q V P D D S A A S G T A T A F M S G V K T R F G L I N V N E N V I Y
F S K T Y C A N D S Q I A D S S A C T A T A Y L C C G V K K A N R G T I I G V M D P A N Q
L A K T Y S H D T Q V T D S S A A S G T A I T T G V K T R N K V I I G V S G A A K P
L S K T Y C V N K Q V P D S S A A S G T A S A Y L C C G I K A N Y L T L L G G V T P N Q N R D
L A K T Y N L D Y Q V P D S S A A S G T A T A Y L C C G V K K T N K G L L V S G V T A K G T
M S K T Y S T N Q Q T A D S S A P T M T A M V T G V K T N D G V L L G V V N Q N V F N
L S K T Y C V N S Q V V A D S S A A S G T A T A Y L M T G V K K G N I E T L L G G L D P A N Q A
L L K T Y N V D R Q V A D S S A A S G T A T A Y L T G V K K G R Y G T L L G G L D V I T K P H
L S K T Y S V D K H V P D S S A A S G T A T A Y L C C G V K K G N F Q T I I G G L L A A R Y A
L A K T Y C A D R Q V P D S S A A S G T A T A Y L C C G V K T N Y N T I I G G L M N D A N E Y A
L S R T Y C T D A Q V A D S S A A S G T A T A Y L T G V K T D T D T I I G G L P A N V E H
S I N K D G S F N Y V T D S S A A S G T A W A T G T K T Y N G A I G V G L K G T P
L S K T Y C V D K Q V P D S S A A S G T A S A Y L T G V K K A N Y E T I I G G L S S A P Q N Q
L S K T Y S I D R T Q V P D S S A A S G T A T A Y L C C G V K K A M Y G T I I G G L S S A Q N Q
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Q E N L L E K A K R A G L K T G N I T T S E V I Q D A T P A V M G A H V T S R S H
V E S I A E W A L A D G R D A G I V T T T T R V I Q H A S P A G V F A K T A N N R N W
V T S V L M H R K K A G K S V G L V V T T T T R V I Q H A S P A G T Y A H A T A N N R D W
V P S L I N W A Q E Q G K S T G L V V T T T T R V I Q H A S P A A L Y A H A T A N N R Y W
L P T I L E L A Q Q N G Y A T G S V T T T A E L T T D A T P A V L A S H A T A N D R S C
V D S V L E R A R A K A G K A V G I V T T T T R V I Q H A S P S G A Y A H S A S D R S W
V T S V L E R A R A K A G K A V G I V T T T T R V I Q H A S P S G T Y A H S A S D R D W
V T S V M N R A K K A G K S V G I V T T T T R V I Q H A S P A G T Y A H T V N R R N W
V T S I L K W A K D A G K S V G I V T T T T R V I Q H A S P A S A Y A H S A S V D R D W
V T S I L K W A K D A G K S V G I V T T T T R V I Q H A S P A G S Y A H C S A S R T W
L T S V L L E A K M A G M S A G I V T T T T R V I N H A T P A A A Y A N S P D R L W
V E S I M K W A Q D A G M W T G I V T T T T R V I N H A T P A A A Y A H S G Y R R Y W
V S T V L E D S H K L G K A V G I V T T T T R V I N H A T P A S A Y A H S A S Y R Y W
V V S M L E L S E A L G L A T G I V T T T A R I T H A T P A A T Y A H T P N R D W
V P S I F T W A Q A A G K S T G L V T T T T R V I T H A T P A A G Y A H V S N R D W
I T T I A K W A Q E A G K S T G F V T T T M R V T H A T P G G L Y A I S A N R D W
V T S V M S R A K K A G K S V G L V T T T T R V I Q H A S P A G T Y A H V V I N R D W
L A T I L E L A E Q N G R A S T G V V T T T A R I T H A T P A G T Y A H T S A N R D W
V T S V N R A K K A G K S V G V V T T T T R V I Q H A S P A G A Y A H T V S A N R W
V P T M A E L A K A A G M K V G N V T T A E I Q D D A T P A A F A V H A L D R A D
L P S I M Q W A Q D A G M W T G I V T T T S K V T H A T P A G S Y A H S G H R D W
V N S L V A L A E E L G M S T G I I T T T A R V T H A T P G A A Y S H C A S R N W
V Y S I A K W A M D A G K S A G V V T T T T R V I T H A S P A G V Y A H T A D R D W
V E N L M E M A K K A G M R T G N V T T T S E I Q D D A T P A A A A T H S V N R Y C
V P S L I N W A Q E Q G K S T G L V T T T T R V I Q D D A T P A A L Y A H A S A S R S W
V L S L A Q Y A E L D G L S T G L V T T T T R L T H A T P S T V Y S S A S S R S W
L K S I A T W A L E D G R D A G L V T T T T R V I T H A S P S G A Y A H I A N R L Y
V Q T I A E L A K A H G L S A G A V T T T R I T H A T P A G T Y A H T A Y R D W
L S S I A A W A M D A G K S A G V V T T T R I T H A T P A G V Y A H T S N R D F
V Y S I L T L A Q K A G L S V G V V T T A R I T H A T P A V T Y A H T P E R E W
L T T L L E L A E Q N G R S T G V V S T A R I T H A T P A A T Y A H T S T R D W
V S S M M W A Q K A G K R T G V I T T N M R V T H A T P A G A Y A N V A Q R N W
V Q S V I K W A Q D A G K A T G F V T T T R V I T H A T P A G L Y A I S A N R D W
V V S V M N R A K K A G K S V G V V T T T R V I Q H A S P A G A Y A H T V N R N W
V D S V L K L A Q D A G K A T G I V T T T T R V I T H A T P A C T Y A H A A S R Y W
V D S V M A W A Q A A N K A T G L V T T T T R I T H A T P A G T Y A H V A N R D W
K T N L I E Q A K N A G L R T G N V S T A E I Q D D A T P A V L G A H V A K R S S
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V F S I A K W A M D A G K S A G V V T T T R I T H A S P A G V Y A H I A E R D W
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I E S L A E T A K L S G R S A G I V T T A G V T D A T P A G A Y G H T P S R Q W
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V S S I L K W S Q Q K G K S V G I V T T T R V I T H A T P A G T Y A H T P K R D W
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L V I T S L E L A E I J A G K A T G I I S T A R I T H A T P A A M Y A K S A D R N W
V Q S V L A W A E R A G K S T G I V T T T Q V T H A T P A A A Y A H T A Y R G W
V F S I M K W A M D A G K A A G L V T T T R V I T H A S P S G V Y A H T A D R E W
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L V I T S L E L A A M A G L S T G V V S T A R I T H A T P A A T Y A H S P E R N W
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T E S I A Q W A Q R A G K S T G I V T T T V T H A S P S G N Y A H V A N R N W
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V Q S V A E L A K K L K G L S A G V V T T A G I T D D A T P A G A Y G H T P Y R N W
V T S V I N R A K K A G K S V G V V T T T R V I Q D D A T P A G A Y A H T V N R D W
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UniRef90_I2JLU3 L A K T Y N V D S Q T P D S S A G T M T A I V S G L K T D A G V L G G V Q S G S G E R
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K A

A

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UniRef90_M2SDB6 V E T I A E E F H R T G G L I G L V V S T T A F I T A D D A T P A A L V S H T R L R N Q
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| UniRef90_R7Z322 | G S A V K P L L L G L L A D T D I P Y E I D R R F | | | |
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| UniRef90_R9BY25 | S S K T L G I F S V S N M A W L D R N | | V Y K K N L N K P K T A P D G | |
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UniRef90_UPI0003826D0C | I G D G L G P A Y R Q V A E Y F L Q D Q N K S N E K L V M N Q F P V I A G
UniRef90_A3JHB5 | I G D G M G P Q Q I G L L A Y A K Q A P N S T D G N T A F D R I A A N G R M G
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UniRef90_UPI000287AA62 | I P D G M S V E A L T T A R W M T K D K K F V M D D F A T G
UniRef90_G2WUJ31 | I G D G M T T N M I T A A R L L G H K S I N G K Y Q T K L A L D S F P V L G
UniRef90_A0A011UST0 | I A D G L S V A H R T A A R I M S K G M T E G K A N G R L N M D E I D R M A
UniRef90_UPI00039ED664 | I G D G M G W N T L N A A R I T A K G F N P E N G M P N N L E I E S G Y G G M A
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UniRef90_W9WUV0 | V S D G M G P T S L S M T R S W R Q Y S S G L P Y D D V L I L D K H H I G
UniRef90_Q0FP44 | V A D G N G V G T N Y A T R V F A G Q Q E G K L G E E H V L L P Y E T P D Y H A A
UniRef90_K7FSD7 | I G D G M G I S T V S A A R I Y K G Q L E G G P G E D S R L A M E T F P Y V A
UniRef90_L8FV71 | V S D G M G P A S L S L T R S F R Q Y E G K L A I D D I L Q L D K H L I G Q S
UniRef90_S8ASX3 | V G D G M T T N M I T A A R L L I A H K S I N G K Y M S K M A M D K F P V L G
UniRef90_A1SXY0 | I G D G M G P G Q M G L L E E Y A R K A P H S I Y N G R D T A L K T M D N G V
UniRef90_H1V858 | V P D G Y G P A S Q T M A R D Y L I E N G N P R A P V S I Q L A A D K M V L G
UniRef90_G8YPQ2 | V T D G M G P A S L S L A R S F R Q T R D N L D I G D I L L E I D K H L I G
UniRef90_C7P9S2 | I G D G M G L A Q L Y A G F T G N H G Q L N L Q M K N I G
UniRef90_U1YJK7 | Q G D G L G L S H R E L V R L A T V G K D G Q L A M D S L E H A G W T T D S
UniRef90_E4RTR0 | V S D G M S T G T L H M A N L Y C E R T L G R S S H W I Q L Y K D R K A S R G
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UniRef90_R5K1U1 | I G D G M G V N Q V N G A E M Y L A E Q E G R I G V K P L L F T T F P A G T
UniRef90_H1YIW9 | L G D G M G L S Q L Y A T Y S A N R G Q L N I F Q M L N A G
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UniRef90_A0A034W6A2 | L G D G M S I P T L T A G R V Y L G G E E K Q Y S F E R F P Y V G
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UniRef90_F4HCE3 | L G D G L S V A H R T G A R L L S K G V T E G K A N S L L A M D T L P V I T G
UniRef90_F2NGD9 | I M D G G C G D E Q L T L A R W Y K G S P L A L D A I R V I G A
UniRef90_G2HCU7 | I G D G M G M A Q R N A A E L Y L A A Q K G D A T P G L V K L N M S Q L P V I Q G
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UniRef90_U5BMN8 | V T D G M G P T S L S L T R S F R Q Y A H D L A I D D L L T L D K H L I G
UniRef90_S6EB88 | A Y D G M G W T S D Y A I A Q F Y A R R V L G K P L A L E R F L A T G V I S G
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UniRef90_R6F2L2 | V G D G M T T N M I T A A R L T A H K S I N G K Y Q T K L Q L D K F P V L G
UniRef90_Q5BAD7 | L G D G M G V S T V T A G R L I A H K S I N G K Y T G E E L E M D K L P Y S A
UniRef90_C3XQ68 | V S D G M G P A S L S M S R S F A E Y I T G E K D Y I L P L D K H L I G
UniRef90_T1GXH7 | V S D G M G P T S L S L T R S W R Q Y V D S L P I D D L L V L D K H L I G
UniRef90_S9R470 | V G D G M T T N M I T A A R L T A H Q S I N G K Y M S K M Q L D K F P V L G
UniRef90_H6BZ09 | I G D G M A H A H T T L A E F Y T Q F E N K E E V T H S D R L T M H Q L D V H G
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UniRef90_E4RKL9 | I P D G G C S Q S V E T L A R W Y S G K P L E L D N M V T G
UniRef90_M3HQ62 | I G D G M G V N Q V N G T E M Y L A E Q E G R I G V T P L L F F T Q F P A V G
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F T S I A E M A K K L G M K T G L V V T T R I L N D D A T P A S F Y A H S Q P T R R S N D
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V P S I L N W A Q E Q G K S T G L V T T T R V E T H A T P A A L Y A H A A S V N R R N Y
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L G T V L E A A K A R G M V T G M I V T C R V L D H A T P A S F A S H V I D R D S N
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Y P S L S D F F H R D K G M P V G L V L T L G N V A D A T P T A F Y A H S V E I R D N
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D P F L P E I F R A Q H N G I V I V T A F F L A D A T P A G A M T S Y H T R L
T T S I L L E H A H A R R G K S V G I V A T A R V T H A T P A G T Y A H T A N R A W
V S S V A Q W A I D A G K S A G L V T T T R V T H A S P A G T Y A H T A H R D W
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D P T I V E I F R R R G V G V G I V S T A F L A D A T P A G L A A H T S K R G E
L E T V L E A A N K E G M A T G L I S T A R I T D A T P A G A F G A N V L D R S M
V G A I G E A L K L Q G A V G I V V T T S V G D A T P S V W V J A H A E S R S S
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I Q S V A E K A K K A G K K V G L V T T S V S V D H A T P A A F Y A H Q P N R S M
V K S V M H Y A K L G K M R T G L A V T S Q I V I H A T P A A Y J A H A S D R G S
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I Q N V A Q F A Q E T G R A A G T V S D V P F G H A T P A S W G A H V A S R S A
L P T L M D A A R M A G I S T G T V F T C E L T T H A T P A T F L S H A Y T R D N
T D G I V E G A L Q K G I A V G F V T T T R I L T H A T P G A L Y A K G T R E I
V E T I V E L L R I W G S A I G I V S T A F L A D A T P I A L T Y G H T R T R G H
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L T T V L E A A K K Q G K S T G L V V T T C E F P D H A T P A D C S A H S Y N R G K
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L A S V L E A A R L M G K S T G L V A T A T I T D A T P A D F I A H V P R R K L
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Y E T I A E K L K Q K D Y K I G L V L S T V N L N H A T P A A F Y A H Q A Y S S
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M E Y I S E Y L H R T Q G K S G I V T T A D V F D H A T P A A N A V H T S N R G S
V Y S I A T W A K R D K G C R V G A T S V S V D H A T P A A F Y A H A A G R S S
K Q T V L E Q A R D M G Y A V G L V T T A R M T H A T P A S F A S H V P S R D E
C G T I L E A A K L Q G Y L T G M V V T T R I T D A T P A A F S S H V D F R W Y
L Y S V A V K A K N A G K K V G I T T S V S V D H A T P A A F Y A H Q P N R S M
V A S I L E A A H L E G F K T G L V V T S R V T H A T P A G Y C A H V M N R S L
L G T V L E A A K A R G M V T G M I V T C R V T H A T P A S F A T H V I D R D S
V R N L T E R A Q E T G R A S G V V A D V P F S H A T P A S F V J A H N E D R N A
L T S I M D W A Q K E N K R T G I V T T T R I T H A T P A A T Y A R I Y H R D W
L Q S I V E T L S Q A D F S T G I I T T D K I T G A T P A S F Y A K Q I D R S Q
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V S A N A Q Q A V E N T Q N S V K A K N V I L L
K S S V F A G F G S L F L P S V A Q G Q A S E A F A R K K A K N I I Y M
R N G K V K N V I F V
H S G P K M N V I L M
T P N F K S D N R D K P I K N I I L M
W Y K Q A A A A I D A S L K L Q P R I H E A K N L I I F
A N W L V R D L P E K R R A K N V V L E
A A Q A Y L S T L S Q N V Y S T S T R H A V Y Q P T F E S D P V K N I I L L
P K N I I L L
Q K K P K Y I F L F
P K N I I V M
S S N S K V A K N V V L M
K P V K N I I L M
A K N I M V F
A R N F T Y I
A R A A D V Q D V K P T K N V I L E
P L P E H P A K N V I L L
A D K K Q T K V P K N I I F I
Q P K R N I I L L
E K T A K Y V F L F
A A V L A L T M A S S L T G C G T T G S S T T P A T A V K N V I L V
K A R N L I V M
D A K A A H R H K P Q A K K A K Y V I L L
N I I F L
S L S L P I Y S K G P K Y I F F F
G V M T G L A G A L M A Q A Q S A Q A N R P Y L P V R A R N L I F L
V Q A Q Q A K Y V F Y F
K K P K Y V F L F
P K Y V F F F
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P A P E E P K Q I I L V
R P V K N V I V M
A K D A A T S S T V A Q K Q K A K Y V F F F
K P E P I R Q V I L M
A G V E N G Y Y G K K P K Y V F Y F
A A C M V T S C T F A Q A Q N I F E V
T A S R K A P K Y I F L F
N S R Q G N V I F I
A S T M V Q A E E Q K P N I I Y I
P Q F W R Q A Q E T L K R A L T Q K L N T N V A K N V I L F
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P K Y V F F F
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A A E V Q S L S T T G S T V K A P K Y V F L F
A P K N I I Y M
D A Q P Q N I I L M
T A E A P K A K Y V F F F
K P V K N L I V L
G A E G T K E Q S T Q T M Q G F G S S E R P K Y V F M E
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A K N I I V M
G R A E E E N P A F W N Q Q A A E A K A T L K I Q P M N Y Q A K N L I L F
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N V I F F
N N P S Q R A V K Y M F L F
P I Q N V I L L
A K D A K Y V F F F
S Q G P K N I I Y M
E I K V Q Y G S K K S Y T V Q Y H V V E P K K P K K A K N V I L F
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K N V I L
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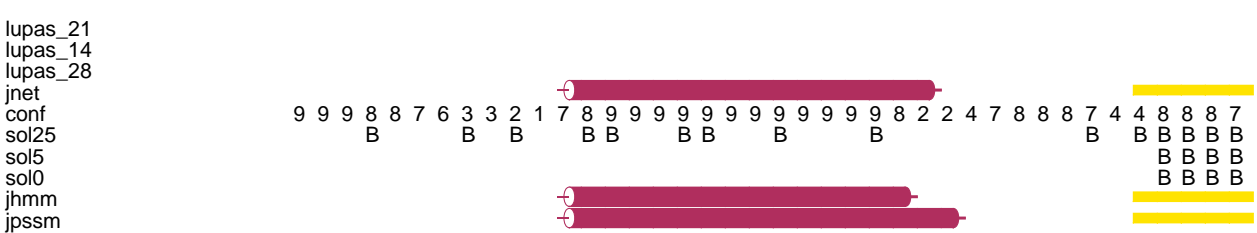
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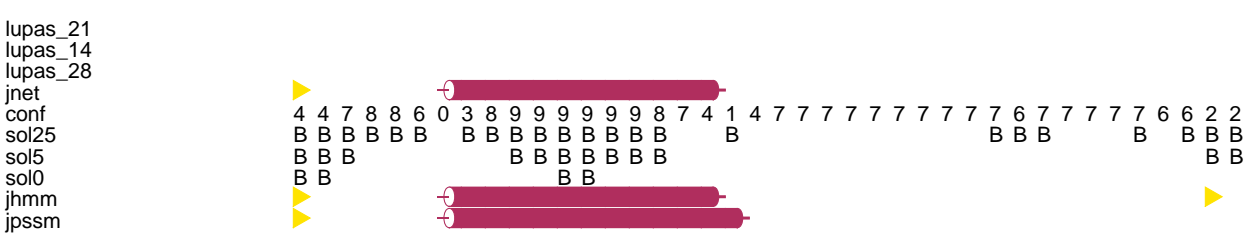
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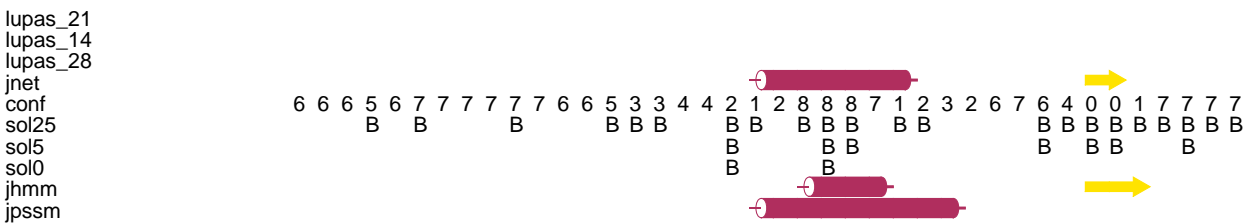
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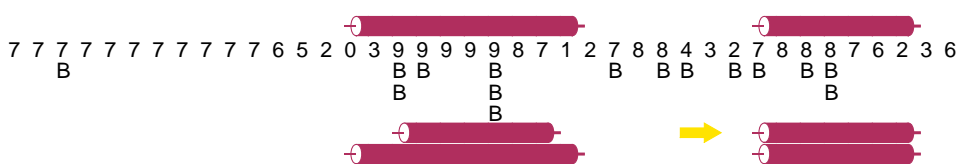
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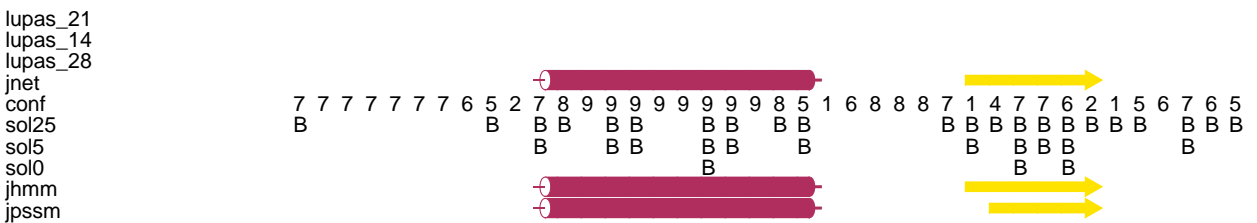
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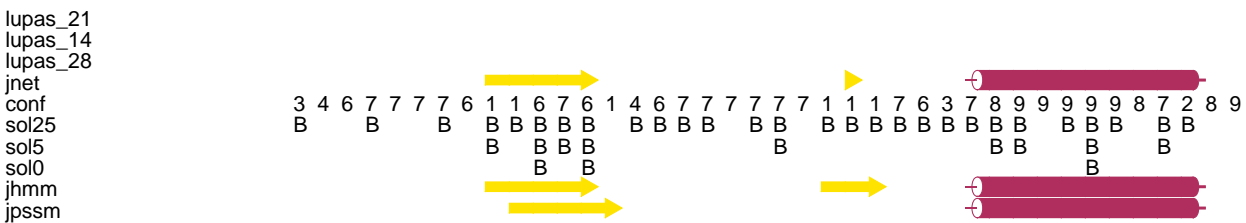
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