

QUERY 1 10 20 30 40  
UniRef90\_M4C8S3 L E L L N D E E N I V E S V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_V7AYS7 L E L L N D E E N I V E K V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_J3N6H6 L E L L N T K E E N I V E K V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_M4DBS3 V M P L T E E N I V E R V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A9NN03 L A L T V E E N I V E E M I L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_W5F471 L K A L N E E N I V E K V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_V5HAZ8 V L R M I K E L I E T E T I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A8J1Q8 M M E L T P E N V E K V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_W7TN1 L L E L L T E N V E E K V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q84LK7 L L E L L N E E N V E E K V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_M2WRR0 L P L L T K E N V E E Q V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A4U303 I V R Q I K E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI00032AA2B2 I V A M I K E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_J3NBT9 L P L T A G N V E F V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_M2N814 A P E D E E M I Q E F L L E R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI000421F940 L A L T E K N V E T V L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q5FSU5 I R R I Q T D L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_M2TM33 I R R I Q T E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_R4XBB3 I R R I Q T E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q21915 I R R I Q T E L L E R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q54MZ7 V V A M I K E L I E T E T I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q10Z21 A L T N E N V E I V L D E L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_M1USB3 L S E A S V E V V L D E L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_H6C6Z3 V V A M I K E L I E T E T I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_F2UGQ9 I R R I Q T E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_I1C8S7 P E E V Q M I K E L L D R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A4S395 L D L N E N V E K A T L D E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_F2I064 I S Q R I E E V L D K I V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A8U0D2 T I E Q I K S E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_S8DYE4 T I E A V K S H L D I L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_R1BPX2 L T E D G I E G V L E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_W9RP67 E K E T A V E A V L D E I L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI000364EB8D D I E Q I V E I I D N K V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_U5D5R8 M E L T P T N V E K V L D D L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_I3TRH1 I R R I Q T E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0004560883 I R R I Q T E L L D R V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
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UniRef90\_T1G718 V I E M I K E L I E S K I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_X0TM87 M R E K V E A A L D K I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003336E92 P A D A D I V D Q I L D R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_F1Z756 I V E A I K E L I E R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_J0ZP39 I V E A I K E L L D R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003EA9544 T K R I K E I I D K V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_X5H552 T V A K I K E V L D Q V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_U7D328 T V E T I K E L L E R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_I4YZ67 V D Q V M S R I K P T V I Q A A H G G R V R L V E A D Q G G V V L L K Q  
UniRef90\_F1PXG7 E R V Q Y V L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003814395 I V D T I K E L L E R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_J2VKL6 I V A Q I K E L I D R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_K9H1V8 M K E Q V K A A L D K I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A8ZR88 M E E D I K K A L D E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003B44BE7 M A M P T R E I E A V L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_W0DB23 R V A A V L D E E V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_D5WTE3 R Q I R D L L E E R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_G2TE71 M R T R V A R V V E N L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_C1A5D9 I V D Q I K E L L E R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_K5YLA5 I V Q M I K E L L E R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_E1ZX96 I V E K Q I T E T I E R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_D5AXS1 I V A M V K E L L D R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_H2XLX4 V A L T V E A V Q A A L E E V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_D8UB60 D Q I K E L L E E V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_U2YIT3 E Q R I K E L L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q08XV4 T V A M I K E L I D R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
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UniRef90\_UPI000372841E M K E K I E E A L K G I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q1Q0K4 T V N K I L E V L D K I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003B7264F E R V R W L D E E I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003B6439A I D R A K V E E V L E K I R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A8V1M7 M L K E N I E R V L E E I K P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_X1RG12 L E E Q V K E N L D Y I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003C7E029 Q M I K E T I D R I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_U2KGT7 T V E V I K E L L T R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_I7LUC6 E K V Q T V L E Q I N P A I A S H G G Q A S L V G V E G Q D V Y L R R  
UniRef90\_G4R81 H D L T P E N K I D N I N D V I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI0003796589 T E E N V K N I I D D I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_B8LLX0 M K E Q V L E I L D K I R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_R5T164 T V A T I K E L I E R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q3A237 T V A T I K E L I E R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_J7QQV5 V V E T T A E A V N A H L D I L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_K4AXG8 I V K E I K D V I D R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_V6J120 L E L T E E N V E T V L D E V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_E1ZBS8 M R E K V E A A L A Q I R P H L Q R D G G G D V E L V A V E D G G V V K V R K  
UniRef90\_C8X2P8 M R E K V E A A L A Q I R P H L Q R D G G G D V E L V A V E D G G V V K V R K  
UniRef90\_C9RCQ0 M R E K V E A A L A Q I R P H L Q R D G G G D V E L V A V E D G G V V K V R K  
UniRef90\_X1AB39 M K E R V E A A L E Q I R P S L Q A D G G G D V E L V E I V E D G G I V R L K  
UniRef90\_UPI000370F3FF I V K E I K D V I D R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_A3UIF4 T V E A V N N H A L E I L R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_UPI00032AC4B8 E E R V G Q A L D R V R R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_D1CAV8 I V A E I K E L L D R I R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R  
UniRef90\_Q9AC07 I V A E I K E L L D R I R P Y Y L I G T A G G G S L E L V E I L D G N V V R I K R

QUERY	50	60	70	80
UniRef90_M4C8S3	L I T G G A C G S C P S S	T M T M T K M G A V A	T T Q K L R R E K I P S S	V A V Q Q L I P D E E
UniRef90_V7AYS7	L L S G G P A A G	V M T V R V A L A	T T Q K L R R E K I P S S	V A V Q Q L I
UniRef90_J3N6H6	L L S G G P A A G	V M T V R V A L A	T T Q K L R R E K I P S S	V A V Q Q L I
UniRef90_M4DBS3	L L Q G G A C G S C P S S	S M T T L K M G I E	S R L R D K I P E I	A M S V E Q F L E A E
UniRef90_A9NN03	L L Q G G A C G S C P S S	S M T T L K M G I E	S R L R D K I P E I	A M S V E Q F L E A E
UniRef90_W5F471	L L K G G P A A G V A A	V R V A V R V A I	E Q K L M E K I P S E	I A V R K Q V L F D M E
UniRef90_V5HAZ8	L L Q G G S C T G C P S S	S T V T L K A G I A	Q N M L Q F Y I P E S	I K D V E E Q V L D E A
UniRef90_A8J1Q8	L L Q G G A C C G S C C P	S T T T M T M G L	K R R L M E K I P E I	L S D V E E Q Q T E E S
UniRef90_W7TNI1	L L Q G G A C C G S C C P	S T T M T M K M G L	K R R L M E K I P E I	L S D V E E Q Q T E E S
UniRef90_Q84LK7	L L T G G A C G S C P S S	A V V T V R V A V	S K K L R E K I P S I	I Q I V Q Q A M P E
UniRef90_M2WRR0	L L E G G A C G S C P S S	T V T L R M G I E	E T R L K E K I P E I	E A V V Q Q A V
UniRef90_A4U303	L L Q G G A C C G S C C P	S S T A T L K H G I	E N M L M H Y I P E I	V V A V V E Q Q A V
UniRef90_UPI00032AA2B2	M Q G G A C C S G C C C P	S S S S V T L K S G I	E N M L M H Y I P E I	V V A V V E Q Q A V
UniRef90_J3NBT9	L L Q G G A C C R T S C C D	S S S T V T L K K M G I	E S R L M E H Y I P E E	D D A A G V E E Q Q A V
UniRef90_M2N814	L L R G G A C C R T S C C D	S S S T V T L K K M G I	E S R L M E H Y I P E E	D D A A G V E E Q Q A V
UniRef90_UPI000421F940	L L Q G G A C G S C P S S	T M T L K M G I E	E R R L R E R I P E E	I S E V V Q Q S V V
UniRef90_Q5FSU5	M Q G G A C C S G C C C P	S S S R A T L K H G I	E N M L R Y Y V P E E	V V A S E V E E Q Q V E D
UniRef90_M2TM33	M Q G G A C C A G C C C P	S S S T A T L K H G I	E N M L R Y Y V P E E	V V A S E V E E Q Q V E D
UniRef90_R4XBB3	L L R G G A C C R T S C C D	S S S T V T L K K M G I	E S M L M H Y I P E E	V V E R V E E Q V V L D P E
UniRef90_Q21915	M Q G G S C C T G C C C P	S S S G V T L K K M G I	E N M L T F Y I P E E	V V K E V T I E V V K D D E
UniRef90_Q54MZ7	L L Q G G T C C S S C C C P	S S S Q A T L K K M G I	E R M L M H W I P S E	V V T G V I A V V P D D E
UniRef90_Q10Z21	L L Q G G A C C S S C C C P	S S S T M T L K M G I	E R K L R E E I P E E	I A E S V E S V M P D E
UniRef90_M1USB3	L L E G G A C C G S C C C P	S S S T M T M K M G I	E K R L R E R I P E E	I I K G V V I A V V M E D
UniRef90_H6C6Z3	L L R G G A C C R T S C C D	S S S T V T L K K M G I	E S M L M H Y I P E E	V V K G V T Q V V M D E E
UniRef90_F2UGQ9	L L S G G A C C E G C C C P	S S S M Y T L K K Q G I	E N M L M H Y I P E E	V V K G V T Q V V M D E E
UniRef90_I1C8S7	L L K G S C C R G C C C P	S S S A T M T L K N G I	E N M L M E H Y I P S E	V V Q A V E E Q V I D E
UniRef90_A4S395	L L T G P C A A K V M T V	R V A V V R V A V	T Q K L R E K I P S I	I Q I V Q Q A V
UniRef90_F2I064	L L K G S C A G C C P S S	T V T L K Q G I E	E R M L K H Y I P E S	V N S V T A V
UniRef90_A8U0D2	M Q G G A C C S G C C P S S	T A T L K M G I E	E N M L R H Y I P E E	V R E V R A
UniRef90_S8DYE4	Y N G	P D S I G I G I	K A I K E K F P D D	I L A N V V
UniRef90_R1BPX2	I	S G S G S T I N S V	R A E I A Q R L K R N F	P S L A N V V
UniRef90_W9R6P7	Y R K G	S G S G S T I N S V	R A E I A Q R L K R N F	P S L A N V V
UniRef90_UPI000364EB8D	M R G G A C C S G C C P S S	T L T L K K G I E	S L L K E Y I P E I	E S V V E E M I D
UniRef90_U5D5R8	L L Q G G A C C S G C C P	S S S A M T L K K M G I	E R R L C E F I P E I	I A S V V Q A V
UniRef90_I3TRH1	M H G A C C S G C C C P	S S S T M T L K K G I	E T M L M H Y I P E E	V V E R Q V V L D Q E
UniRef90_UPI0004560883	L L K G S C C R G C C C P	S S S T V T L K S G I	E R M L M H Y I P E E	V V K G V E E Q V L D Q E
UniRef90_B9RNA2	Y S G	P E S I G S G I	K A I K E K F P E I	I T N V V L V
UniRef90_T1G718	L L Q G G S C T T P S S	S E V T L K R N G I	Q N M L Q F Y I P E E	V L G V V Q V E D E
UniRef90_X0TM87	L L T G G A C C A G C C C P	S S S T L T L K K N G I	E R L K Q I P E E	V K E V V A
UniRef90_UPI0003336E92	L L Q G G A C C A G C C C P	S S S T L T L K K N G I	Q N M L Q F Y I P E E	V L G V V Q V E D E
UniRef90_F1Z756	M Q G G A C C S G C C C P	S S S A T L K K N G I	E A L L K H Y I P E E	V N E V R A
UniRef90_J0ZP39	M R G S C C A G C C C P	S S S T A T L K H G I	E N L R H Y V P E E	V M G V E E A M P
UniRef90_UPI0003EA9544	L L V I G S C C T G C C C P	S S S S V T L K K N G I	Q N M L Q F Y I P E E	V D E V E E Q V Q D E
UniRef90_X5H552	L L Q G G A C C A G C C C P	S S S A V T L K K D G I	E N M L Q Y A I P E E	V K E V V Q Q V
UniRef90_U7D328	L L T G A C C G S C C C P	S S S T M T L K M G I	E K A V K E A I P E E	V K S V E N
UniRef90_I4YZ67	M K G A C C T S G C C C P	S S S T A T L R H G I	Q N L R H F L P D D	V R E V V Q A V
UniRef90_F1PXG7	L L Q G G S C C T S G C C C P	S S S T L T L K K N G I	E N M L R F Y I P E E	V E T A V R E Q V M D D E
UniRef90_UPI0003814395	F G G G C C H G C G M A D V	T L K K Q G I	E K T L R S H F P E I	I T A V R D A T D H A
UniRef90_J2VKL6	M K G A C C S G C C C P	S S S T A T L K H G I	Q N L K H F V P E E	V Q Q V E A T
UniRef90_K9H1V8	M Q G S C C S G C C C P	S S S T M T L K N G I	E N M L R K F V P E E	V R L V E A V
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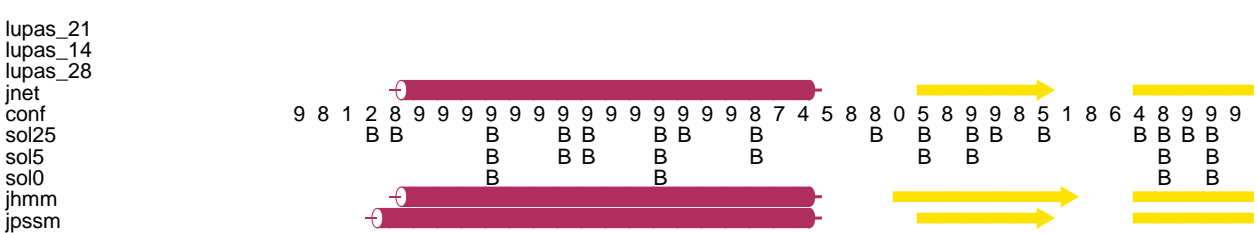
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