

QUERY 1 10 20 30 40
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UniRef90_UPI0003603E5A MK F A L M V N E G P P Y T H H E A S V S A Y Q F T R A A A L V D A G H H E I V I F F R V F F F Y
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UniRef90_I1X4G9 M I F S I L L V Y T G A P Y S S Q A A D S A L R Y C K S L L K L E H H Q I H I F F R V F F F Y
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UniRef90_F0LNF7 L T Y T L L V N G S V Y G T Q S A R N A Y L F A K A V I E K G H H T L T S V F F F Y
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UniRef90_S6GGD1 M I F S I L L V Y A S N S Q Q S E Q T A L R F A R S L L E Q Q G H H T H R V F F F Y
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UniRef90_UPI0002D9CA8B L T Y T L I V N G S V Y G S Q S A K N A Y L F A C A L I E K G H H R L V S V F F F Y
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UniRef90_D2U3M5 L T Y C L L V T G P A Y G T Q Q A T N A W R F A N A L I M E G H H I L K S V F F F Y
UniRef90_U3A7W2 L S Y T L L V N G S P L Y G T Q S A R S A Y Q F A C A L L A K G H H S L L T R V F F F Y
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UniRef90_UPI000464A74B MK F S L A I Y A A P F N G S Q S A S A L N F A Q A L L R Q G H H D I K S V F F F Y
UniRef90_B6XGV5 L T Y C L L V T G P T Y G T S Q S A S A Y Q F A N A L L E E G H H I L K C I F F F Y
UniRef90_D0ZFX0 L S Y S L V N G P A Y G T Q A A S A Y Q F A L A L L A A G H H T L H S V F F F Y
UniRef90_Q9I0N3 MK F A I A L F N D P P Y S P A A R R A L R F S E A A L A G G H H E I V R L F F F Y
UniRef90_A0KWX0 K F I Q V N A S P A Y G T S A S V N A L R F T S E A A L Q S G H H E I V S V F F F Y
UniRef90_UPI00047DF894 MK Y A V Q V N A S P Y A S N A G L N A Y R F I Q A A L A A E H H Q I L S V F F F Y
UniRef90_UPI0003496B02 M Q F T L L V T G P A Y G S T Q A S S A W L F A K A L I A A G H H T L S S V F F F Y
UniRef90_Q2SJ25 MK Y T I V Y G A P F S Q A P Y S A C Q F A K A V L A R G H H S I S Y R I F F F Y
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UniRef90_K8W9B5 L T Y C L L V T G P A Y G T Q Q A S A Y Q F A N A L L E E G H H S L K T L F F F Y
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UniRef90_R8B223 T F T L V I T G A P P Y S S Q A P E T A L G F A Q A A L A R A G H H I D R V F F F Y
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UniRef90_I2JTT1 L S F A L L V S G Q P C T D Q S S L T A L R F C Q A A L D S G H H Q I Y T R V F F F Y
UniRef90_U3HAT3 MK F A I A L F A P A H A P S S R R A L R F A E A V L D G G H H E I T R L F F F Y
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QUERY	90	100	110	120
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UniRef90_UPI0002558F7D	A A V R R R G I L L D D E G E E A K R Y E K K G G N L	A K R F F E L I S S G L G G Q Q L L V I E A A I		
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UniRef90_I1X4V0	A A Q R R R G I L V D D E G E E M E R R N G K D A D N I	A A G G F R I I S S G L G G Q Q L L V I E A A I		
UniRef90_Q4JN30	A A Q R R R G M V D D E G E E M E R R N G K D A D N I	A D K F F R I I S S G L G G Q Q L L V I E A A I		
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UniRef90_A1AXC7	A A L R R R G M L V D D E S E A S K N G I D G N S L	H P A F F R I I S S G L G G Q Q L L V I E A A I		
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UniRef90_B3PEU0	A A L R R R G I V L D D E S E E A K R Y R K H N H N L	A E G G F S L S S G L G G Q Q L L V I E A A I		
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UniRef90_R9VR76	A A L R R R G I V D D A D E A Q R L A L P G A N L	Q A E G G F S L T T S G L G G Q Q L L V I E A A I		
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UniRef90_A8FV71	A A L R R R G I L S Q N E A K E N Q R K H W N M E E	P F E M G G L G G Q Q L L V I E A A I		
UniRef90_A0YGR4	S A L K R R G I L D D T T D E A Q R Y E K D S A A N L	A D E F F I L S S G L G G Q Q L L V I E A A I		
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UniRef90_G4F6L8	A A L R R R G I M N D E S E A S R Y E K S G H N L	S P P F T L S S G L G G Q Q L L V I E A A I		
UniRef90_R41K6	A A L R R R G V T N E S E S R K Q G L S E T N L	S P P F T L S S G L G G Q Q L L V I E A A I		
UniRef90_S2LIL1	A G L R R R G I L D D E R E A A R H G K Q G H S	E A P F F E L T S S G L G G Q Q L L V I E A A I		
UniRef90_T0YXL3	A S L R R R G I K A E I L D D E S E A S K N G I D G N S L	A D P G F H I L S S G L G G Q Q L L V I E A A I		
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UniRef90_Q3SG20	A A L R R R G I K D E L L D D E S E A S K N G I D G N S L	A P G G F R I I S S G L G G Q Q L L V I E A A I		
UniRef90_V5BZ44	A A Q R R R G I L L Y A D D E A Q R R G K Q D D D L	A H G G F R I I G G L G G Q Q L L V I E A A I		
UniRef90_A0A014NRL7	A A L R R R G V T D D Q H E A E Q L G L P A D N L	G H G F Q L T T G L G G Q Q L L V I E A A I		
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UniRef90_F7SRN7	A A L R R R G V M S D E A E A S K R H G R V N F N L	A A P F E L T S G L G G Q Q L L V I E A A I		
UniRef90_H5V382	A A L R R R G V T D N E Q A S Q L N L P A A N L	A H G F T L S S G L G G Q Q L L V I E A A I		
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UniRef90_UPI0002EFF4FC	A A L R R R G I V S D E S E S K Q H G L D S D N L	A S R F N Q S S G L G G Q Q L L V I E A A I		
UniRef90_F3KDP4	A G L R R R G I L L D D E V Q Q R Y E K P S N N L	S D S F T L S S G L G G Q Q L L V I E A A I		
UniRef90_B4EYW2	A A L R R R G V L D D E Q Q A K E Q G L L S S N M A T	K F E L L S S G L G G Q Q L L V I E A A I		
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UniRef90_U5A4K3	A A L R R R G V V S S E S E Q Q H Q L S G S N L	A S G F T Q T G L G G Q Q L L V I E A A I		
UniRef90_F0LNF7	A A L R R R G I L L S S E E A H R H G R Q Q G S A N L	A Y E P W Q L T S G L G G Q Q L L V I E A A I		
UniRef90_N2JMW0	A A L R R R G I L M D M D E Q A E R H G K G C S V E	A P P F Q L T T G L G G Q Q L L V I E A A I		
UniRef90_W1NCP5	A A Q R R R G I L C R D E E A E R Q G K R D D D L	A A G F R I I G G L G G Q Q L L V I E A A I		
UniRef90_UPI00045EBCAE	A A L R R R G I L I D D E R E A R R H G K A G Y A V E	S P F E L T T G L G G Q Q L L V I E A A I		
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UniRef90_W5YQJ2	S A L R R R G I V D Q S E Q Q R Y E L P A S N L	A A P F T I A G G L G G Q Q L L V I E A A I		
UniRef90_I1X5A5	A A L R R R G I K E Q V L D D E S E A S K N G I D G N S L	A Q D G F R I I S S G L G G Q Q L L V I E A A I		
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UniRef90_UPI000382ED2D	A A N K R R G I L V N A S E A E R N A L T Q D N L	D A P A F E I T S G L G G Q Q L L V I E A A I		
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QUERY Q A D R L V V F G D
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UniRef90_U3U770 L R Y V L L V T E P A Y G S Q Q L A R T A Y Q F A C A A I K A G H H Q V L V S K V F F F Y

UniRef90_UPI000472A06F M I F A L N V L A P P Y A A P S S G G A L T L R F A Q A A I H S G H H Q V L N R I F F F Y

UniRef90_E1VK26 M K F A I S L F S A Y G H A P S S R R A L L R F A Q A V L A G G H H S V I R R I F F F Y

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UniRef90_E0WU68 M N Y T L L V T G A A Y G T Q N A S S A F L F C K S L I K T N H H R I L S V F F F Y

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UniRef90_J7U706 M K F A I A L F S P P H A P S S R R A L L R F A E A V L A A G H H E I N R R L F F F Y

UniRef90_C1DKY2 M K F A I A L F S P P S A P S S R R A L L R F A E A A L A Q D D H H I V R L F F F Y

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UniRef90_S6EG24 M I F S L A I Y S S L S A Q S Q D S A Y Q F A H A L L S Q G H H Q L Y R V F F F Y

UniRef90_UPI00035EAE18 L H Y A L L V M G A P Y S S R Q A P H S A L R F A Q A L H A H G H H I D D R V F F F Y

UniRef90_UPI0004702E3B S F T L L V T G A P Y S S Q A P Q T A L S F A K A T V A A G H H I D D R V F F F Y

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UniRef90_B4S967 S F T L V I T G A P Y S S Q A P Q T A L H F A R A A L D A G H H S I T H V F F F Y

UniRef90_N6WRK2 M D Y L I S V K S P A Y G S S Q G A Y S A Y Q F A Q A L L Q A G H H R I T R Q I F F F Y

UniRef90_F9Q9G5 M R Y T L L V T G A P A Y G S S A S A L L F A K K L E K Q D L K N I F F F Y

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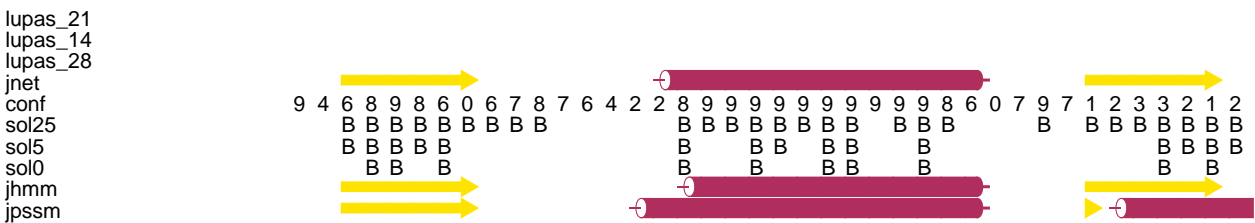
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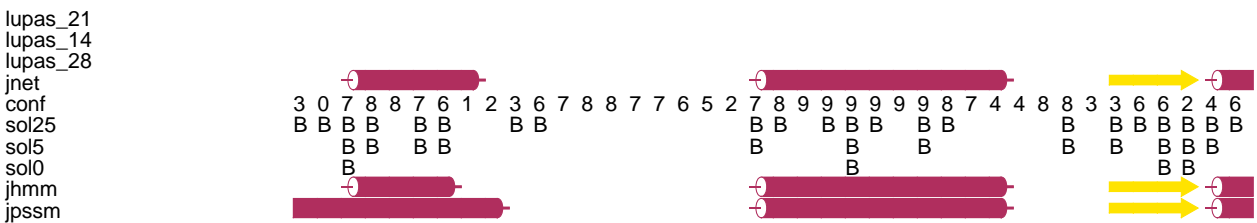

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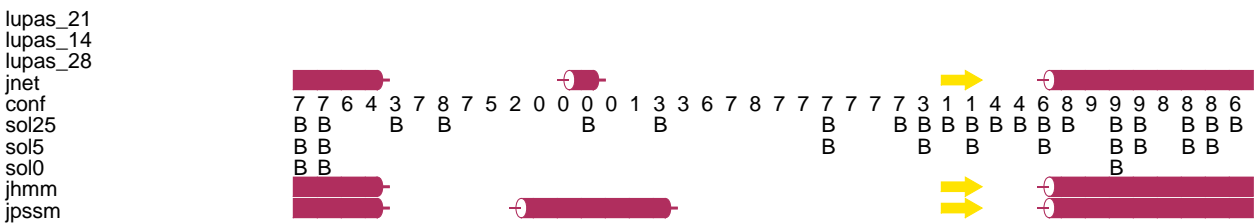
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UniRef90_E8R5K8	C	A	H	A	A	G																																																	
UniRef90_Q21LM9	C	A	E	P	H	E	L	D	A	Q	E	Q	S	L	L	R	R	L	Q	K																																			
UniRef90_K1WAA8	C	A	E	A	A	G	I	T																																															
UniRef90_R6BRL0	C	L	K	F	F	G	I																																																
UniRef90_UPI000375D438	C	L	I	H	Q	G	I	Q	L	D	D	V	Q	P	E	Y	E																																						



UniRef90_X8J8B0 A V S K V I T
 UniRef90_K0NJ74 D A
 UniRef90_Q27411
 UniRef90_E1VK25
 UniRef90_UPI0003B7AEB8 D
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 UniRef90_R6BRL0 L A D K V I T
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