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QUERY	130	140	150	160
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UniRef90_N6W2M1	G T D G S V	A F L F S K Q G L I S Y	G P E T D E D A T L M E A A L	E A G A E D V
UniRef90_S7V9H7	G E N G C V	A W M F D K K G Y I N I E K A	V T D E E T L M E V A L	D A G A E D V
UniRef90_D5XEHO	G E S G G C V	A W M F E N K G L I T L N K E	E M D G D D L M L L V L	D A G A E D M
UniRef90_UPI000479AAE3	G S T G S V	L H M F S K K G V I S L A	K D A A S E D D Q L M N I V L	E A G G E D L
UniRef90_UPI00039FE639	G T D G S V	A Y L F T R Q G Q I S Y A A	G I D E D A L M E A A L	E A G A D D V
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QUERY
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V R E D D K F V I Y T Q P P E D L L E A V R K K G L L D A G G V I E V E E A K S L D L T P T
U n i R e f 9 0 _ E 8 T 2 I 2 V E E E D D G Y F Q I V Y T A P P E A D F S D S V R Q D E L L E E A G G Y E V J A F A E E S A E S E M V P Q N
U n i R e f 9 0 _ M 1 P K I 4 E E I E E G G Y T V Y T A P P A D L L H S V V L A L E E A A G G L K P E E S A E E M T M I L P E T
U n i R e f 9 0 _ D 5 E E L 6 V N E G E R E F I A V Y T A P P A D L L H S V V L A L E E A A G G L K P E E S A E E M T M I L P E T
U n i R e f 9 0 _ B 7 J 3 G 0 I T D D D E E F F E I R T A P P N K E L Y S T V K E N L A L E E A A G G L K P E E S A E E M T M I L P E T
U n i R e f 9 0 _ C 0 Q T 6 2 V H E G D S F E V L T D P P N D F F A S V R D A L A L A E A Q G G F F E F E E S A E E V T M I P Q Q
U n i R e f 9 0 _ A 0 L 4 W 1 K D E G E S Y E V L T E P N E F F T A V R D A L A L A E A Q G G F F E F E E S A E E V T M I P Q Q
U n i R e f 9 0 _ Q 1 J W 7 3 U n i R e f 9 0 _ U 2 Z N E 4 E M G E D G A L V S T S F N D F F A S V R D A L A L A E A Q G G F F E F E E S A E E V T M I P Q Q
U n i R e f 9 0 _ S 3 J T Y 4 Q T E G G G I I T V T T D P P A D F F A S V R D A L A L A E A Q G G F F E F E E S A E E V T M I P Q Q
U n i R e f 9 0 _ U P I 0 0 0 2 5 5 6 A 6 B V T N D D G I I D V F T T A F V D F F I A S V S E A L L T E A A G Y K A E E S A E E V V M L P S S
U n i R e f 9 0 _ A 0 A 0 2 3 X 2 B 8 V R E E D D H F R V D T T A P D Q F F E A V R R D G L E E A A G L T P E E D A N L V S M E P Q Q S
U n i R e f 9 0 _ Q 6 0 9 L 3 V V I N E D D G V D V L T T A P D Q F F E A V R R D A L A L A E E A A G L T P E E S A E E I S M V P S A
U n i R e f 9 0 _ U P I 0 0 0 3 9 C 3 7 6 1 Q E N N G Y F D I V T D Y T Q F F Q A E V L G N M K A A G Y S Y E E A E E I D M I P E
U n i R e f 9 0 _ K 0 N 3 2 5 R E E T N S F I T T E P A A F D D V K K T A L E D A G A G G K A E E M A E E I T M L P Q Q
U n i R e f 9 0 _ B 5 E A H 0 T D E D E Q Y E V L T D P P A A F F H A V K K T A L E D A G A G G F K A E E M A E E I T M L P Q Q
U n i R e f 9 0 _ B 5 Z H 3 5 E S T D E D A G H E V T C P V E S F F A V R D A L L E E T R F G E P S S A K F D W R P G S
U n i R e f 9 0 _ I 7 L H Q 2 S S E E D A Y E I T T S E A S D F S K V R R T A L Q E N N G I K L A S A E E V S M I P S T
U n i R e f 9 0 _ S 3 X X E 6 N D E G E V F E I T T S E A S D F S K V R R T A L Q E N N G I K L A S A E E V S M I P S T
U n i R e f 9 0 _ Q 0 A 5 Q 5 V H D D D S L E V L T T P E D D Y R P V R D A L V J A A G L E P A E S A S D V T M R P D
U n i R e f 9 0 _ I 1 X E Q 6 V T N D D G S V D V F T S P E D D Y S A V R K T A L D T A G L D Y E S A E E V T M H P P S
U n i R e f 9 0 _ D 2 S 9 I 5 R D Q G D G V F E V V C G E P T D L V A V R T A L Q D A G I D Y V D S A D A G F V P S
U n i R e f 9 0 _ B 9 J R Y 6 T S D E D G H T I I C C G F E D M N E V S K A L E A T L G E A E S V K A T W K P Q Q
U n i R e f 9 0 _ U P I 0 0 0 3 7 1 E A B 9 Q S D D G G G H V I T C C A F E D L I G E D V S T A L Q D A L G E A T S V K A V W R P Q Q
U n i R e f 9 0 _ A 9 D 1 5 1 T S S E D E H H V I T C C A F E D L I G E D V S T A L Q D A L G E A T S V K A V W R P Q Q
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U n i R e f 9 0 _ K 5 B 8 N 1 R D L G D S F F Q I T C E P G D L V A V R R T A L Q D A G I D Y D S N A S A G F E J A K
U n i R e f 9 0 _ I 6 Y T Y 9 Q T E D D F F E V V T T L E S F F P V R R A L V D K G L Q V I E N A S L V T F S A A
U n i R e f 9 0 _ G 2 F I L 8 V T N D D G I I D V M T S P D D F S D V K D A M I J A A G F F E P D N A E L V T F S A A
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U n i R e f 9 0 _ C 6 H Z F 5 R L D D D V F E V T T A P E D F F A V V J D A M R A A G G L V L P Y A E E V T M I P S K
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UniRef90_R6QK53 G T P G S V T F M F D R K G V I V I E K E D V D E D Q L M E D A L E A G A S D F
UniRef90_R6UIZ3 G Q P G C V S F M F S Q K G V L I D R E E A D D K V M E D A L E C G A E V
UniRef90_I3ECY3 G E S G S V S Y M F D R K G Y L V I D R E E I D E D E M L L Q A I E A G A E E M
UniRef90_UPI0003823DF0 G T N G S V Q F N Y E R V G Y L S Y P L T A G S A D A V L E A A I E A G A D D V
UniRef90_I3BTE2 G A T G S V A G W M F K K I G V M N F A P G I D E E K L M E A A L E A G A E D I
UniRef90_R7PS36 G A T G S V G W M F K K G T I I I D K K A E E D N V L M L I A L E A G A E D V
UniRef90_E3GP39 G T S G C V S F M F T K K G R I M I E K S D V D E D E L M M V A L D A G A E D M
UniRef90_UPI0003B36101 G E S G C V S W M F E R K G Y L V I D R E S M D E E E C M L I A L E Y G A D D V
UniRef90_C0W1Q5 A D P G S V A Y L F T R K G V I E V P K D G V D E D T I F M T V L D A G A E E V
UniRef90_H1G0X6 G T D G S V A Y L F E K T G I L S Y P A G S D E E E R V M E A A L E A G A H D V
UniRef90_Q65GN7 G E T G C V S Y M F D R K G Y I A T E R E D I D E E F M L E V I D A G A E E L
UniRef90_UPI0003B30607 G E P G S V A Y L F D R K G V V V D D G E K H G E D D L M V A V E A G A D D I
UniRef90_UPI00040143EF G T D G S V A F Q F R E L G V L S Y P A G S D E D D G I T E A A I M A G A E D V
UniRef90_B6INM1 G E T N S V S F M F N R I G Q V V Y P A S V A D A D T V L E A A I E A G A D D V
UniRef90_X0S6E5 G E N G C V A W M F D K R G Y F I F E K A K V N E D T I V D L A L E A E A E D V
UniRef90_UPI00036D39C1 G T D G S V A Y L F Q N K G V I R F A P G L D D E T V M E A A L E G G A E D V
UniRef90_U7V8U0 G T D G A V S W M F Q R K G E I V I A E G V D A D E L M M A A L E A G A E D V
UniRef90_E6UDD5 G N S G C V S Y L F S D V G T V V I E N N G A D D K I L M D D V F E A G A D D F
UniRef90_A1WZ62 G T D N S V A Y L F Q E R G V L V F A P G T D S D Q V L E V A L E A G A D D L
UniRef90_UPI0002882D47 G S T G C V Q R M F Q S K G E I V I E K D S I D E D D L M L A L D A G A E D F
UniRef90_F5XJF6 A D V G S T Q R M F S R K G V V V V P K K T I D E D D L L E A T L D A D P E E V
UniRef90_Q07H94 G E T G S V A F M F D H T G L I E Y D A G V A S A D D V L D A A I E A G A D D V
UniRef90_Q838A9 G E T G S V N Y M F D R K G Y L V T K R E D I E D D D M L E V V L E A G G E D I
UniRef90_UPI00037A2244 G E R G C V S W L F D R K G W M I E K G S I D E D E L F M I A L D S G A D D L
UniRef90_D2RLD7 G E S G C V G W M F K K G V F T V E K E G A S E D E V L E V A L D A G A E D M
UniRef90_R7KB42 G A T G C V S Y M F K K G L I V I D K T T I S E D E L M L T A L D L G A E D I
UniRef90_W4VIK6 G E N G C V S F M F D R K G Y I V I D Q T E E A D E D T M M L E A I E A G A E E M
UniRef90_UPI0004295188 G D P G S V A Y Q F E R K G V V V L K K N D M E E D D V L M A V L E A G A E E V
UniRef90_Q0F941 A E T G A V S F M F E R K G L V V Y G A E A G N V D D A M F E H A I D A G A E D V
UniRef90_D1Y1P0 G T A G S V A W N F E R K G S V T I Y E G A V D D E D Q L M E D A I D A G A E D V
UniRef90_F6DN42 G E S G C V N W M F K E K G I L I L D R S K M S E D D L M L A A L E A G A E D I
UniRef90_I9BHQ4 G E S G C V S W M F D K K G L F I I E K M T I D E E E L M M L S L E A G A D D F
UniRef90_R5FIH6 G K T G C V S Y M F S K K G V I V D K D T I G E D E E L M D I A L D A G A E D M
UniRef90_K8ZAG7 G E S G S V A Y Q F D R K G Y I A I E R E G L D E D E M L E K V L D A G A E D L
UniRef90_F7YXP0 A D L G A V S W L F E R K G V I T V P S Q A N V E E L M M L A I D A G A E D I
UniRef90_D8JSE4 G S T G S V S H M F N H I G E I T Y K P E T G S A E A V L D A A I E A G A D D V
UniRef90_A5EXG2 G T S G S V A F Q F K E Q G V L F F E N V D D E D A L M E A A L N A G A E D I
UniRef90_UPI000421374C G E N G C V S F M F N R K G Q L I E R T E T I E E E E L T L E A I E A G A E D F
UniRef90_B7K817 G E T G C V S W M F D R K G V V L L E G K V E E E V L L D A S V E G G A D T Y
UniRef90_J9ZAV0 G E N G C V S W M F D Q K G M I S L E W P G A T E D K A M E L A L E T G A D E F
UniRef90_UPI000370CC7B A G A G S V S W L F Q R K G I L H I D A G K A S F D R V F E V A L E A L A D D V
UniRef90_A0PZU0 G A N G C V S Y M F Q R K G Q L V I E K D E I D E D E L M M Q A L E A G A E D F
UniRef90_F4A2A7 G E T G C V M W M F D R K G V L V V D R D D I D E D D M L M I A L E A G A E D L
UniRef90_U1LED8 A D P G S V A Y N F T R K G V V V S I E K D G V D D S T L E A V L D A G A E E V
UniRef90_B1ZSR1 A T T G A V S F Q F L H A G Q F L I P G A Q I S E D A L M E V A L D A G A D D V
UniRef90_B8EIB7 A E T G A V S F M F D H I G R I E F P A K V G S E E A M L E A A I E A G A E D V
UniRef90_B0S1S1 G Q N G S V S F M F Q R K G L L T D A D S L D E E E V M M D S L D A G A E D F
UniRef90_R5AHD0 G A S G C V G W M F D K K G L I V I E R T A M D E D E V M M T A L D A G A E D F
UniRef90_G7WCQ7 G E T G S V G W M F E D K G Q L R I L R E G L T E D D L M M M A L E A G A E D F
UniRef90_Q08W67 G T E G A V G W M F H K K G V T V K P G L T E D Q V M E K A I E A G A E D V
UniRef90_Q3ABX7 G E A G S V Q W M F E K K G Y I T I P K E D I N E E E I L L L V L D A G A E D L
UniRef90_A0ZGY9 G E T G C V S W M F D Q K G V C V V S G V E D E D Q L L E A S L E G G A E F Y
UniRef90_D8F3Q5 G E P G C V A W L F E Q R G L I V L E K D Q V D E D Q L I D L A L E A G A E D V
UniRef90_UPI0003FDAEC0 G T P G C V S F M F D E K G Q I I V D K E E M S A D D L M M E V L D A G A D D F
UniRef90_UPI0003B799E9 A G A G S V A W I F E K K G L F V V A T S V I S E D K L M D I V L S A G A E D L
UniRef90_K8EST3 G E T G S V S Y M F D R K G Y L A I E R R D V D E D T M L M N V L E A G G E D M
UniRef90_R7B0P8 G E T P G C V S F M F D D K G L I V I S K E D M D A D T L M M I A L D A G A D D F
UniRef90_UPI0003626C67 A E S G A V S Y M F S R K G I V I T V T K G E L S E D D V L M A V L D A G A E E V

		170		180		190		200																																									
UniRef90_UPI000363F946	S	V	E	D	E	E	V	E	V	L	T	S	P	E	A	F	A	A	V	Q	E	K	L	E	A	E	K	V	T	L	L	S	A	Q	L	G	L	F	P	D									
UniRef90_UPI0002D96431	V	L	S	G	D	E	F	E	I	L	S	D	P	T	D	L	R	N	E	V	A	T	A	L	D	A	A	G	L	D	Y	E	S	D	T	E	F	V	P	T	D								
UniRef90_U2Z0P9	E	S	D	E	G	H	F	W	E	I	C	A	D	D	T	D	L	N	E	V	A	T	A	L	D	A	A	G	L	D	Y	E	S	D	T	E	F	V	P	T	D								
UniRef90_UPI0003F7CE61	K	D	E	G	E	T	F	W	E	I	H	S	C	A	P	E	S	E	Y	V	A	V	Q	R	D	A	L	A	E	A	G	M	T	Y	E	S	E	S	A	K	L	V	P	K	S				
UniRef90_UPI00036CF794	I	D	E	G	E	M	L	S	V	H	C	A	P	E	S	E	Y	V	A	V	Q	R	D	A	L	A	E	A	G	M	T	Y	E	S	E	S	A	K	L	V	P	K	S						
UniRef90_UPI000366D3EA	E	S	G	E	G	G	F	E	I	T	T	A	P	E	S	E	Y	V	A	V	Q	R	D	A	L	A	E	A	R	F	G	D	P	T	E	S	A	K	L	V	P	K	S						
UniRef90_B1C6Q4	D	V	S	G	D	G	F	E	I	T	T	A	P	E	S	E	Y	V	A	V	Q	R	D	A	L	A	E	A	R	F	G	D	P	T	E	S	A	K	L	V	P	K	S						
UniRef90_F8B308	N	D	L	G	D	A	F	E	V	V	S	E	A	F	E	D	L	N	A	V	V	A	T	D	A	G	L	T	V	A	S	A	D	L	E	S	W	L	P	S	S	S							
UniRef90_UPI00036891A5	Q	D	A	N	D	D	G	I	D	V	S	T	E	F	E	D	F	L	V	A	V	K	R	T	A	M	S	Q	D	A	G	L	N	D	P	G	D	S	A	E	S	Q	T	F	M	L	P	A	S
UniRef90_D6ZHF9	E	D	A	G	E	I	F	V	I	E	T	E	P	S	N	F	L	I	G	V	Q	D	A	L	R	D	A	G	L	E	V	E	N	A	E	I	D	N	I	P	S	D	A	S					
UniRef90_D0LZE8	R	D	D	E	E	V	W	T	V	D	T	E	P	S	N	F	L	I	G	V	Q	D	A	L	R	D	A	G	L	E	V	E	N	A	E	I	D	N	I	P	S	D	A	S					
UniRef90_K2JZC4	V	S	Y	D	D	G	L	D	V	F	T	T	A	P	E	S	D	F	G	N	V	K	D	G	L	E	A	A	G	L	H	A	S	H	A	E	V	E	V	E	K	V	P	A	D	A	S		
UniRef90_F0RZ25	T	T	N	D	G	V	I	E	V	I	T	T	A	P	E	S	D	F	G	N	V	K	D	G	L	E	A	A	G	L	H	A	S	H	A	E	V	E	K	V	P	A	D	A	S				
UniRef90_UPI0003B4D04F	R	E	D	G	D	V	F	V	V	E	T	A	V	G	D	F	L	S	V	K	E	E	L	E	S	K	G	Y	T	F	D	Y	A	E	I	T	M	K	P	S	S	S	S						
UniRef90_K1WWW51	R	D	Q	N	D	T	E	W	E	V	T	T	D	P	L	N	F	F	G	A	V	K	K	A	L	D	D	A	G	L	S	V	N	A	E	R	V	T	G	L	T	V	P	K	S	S			
UniRef90_Q6LT52	E	T	N	D	D	G	L	D	V	T	T	P	S	E	D	F	F	G	A	V	K	K	A	L	D	D	A	G	L	S	V	N	A	E	R	V	T	G	L	T	V	P	K	S	S				
UniRef90_D5SQ04	T	A	D	A	G	G	F	S	V	I	C	P	P	E	T	F	T	P	V	G	E	A	L	E	K	A	G	L	P	M	E	E	S	A	E	I	T	M	L	P	Q	A	A	A	A				
UniRef90_DOKY59	Q	V	G	E	D	D	G	V	E	V	I	T	T	P	E	D	A	L	Q	E	I	K	R	D	A	L	K	V	A	G	F	S	P	Q	E	F	K	L	A	M	R	A	P	A	A	A			
UniRef90_I3TIZ8	E	S	D	D	E	T	H	V	Y	T	Q	P	P	E	D	L	Q	E	R	V	R	E	A	L	E	K	A	G	V	P	V	E	D	A	E	L	R	M	V	P	K	A	A	A	A				
UniRef90_E6SIW4	K	Q	E	E	G	A	F	V	V	Y	T	Q	P	P	E	D	L	H	R	V	R	E	A	L	E	K	A	G	V	P	V	E	D	A	E	L	R	M	V	P	K	A	A	A	A				
UniRef90_D1KBR2	I	T	N	D	D	G	L	D	V	T	T	T	A	P	E	S	D	F	F	G	N	V	K	D	G	L	E	A	A	G	L	H	A	S	H	A	E	V	E	K	V	P	A	D	A	S			
UniRef90_UPI00034AD638	E	E	D	T	P	G	A	I	E	V	Y	T	T	P	E	N	L	E	R	A	S	N	T	L	L	S	D	A	A	G	L	H	A	S	H	A	E	V	E	K	V	P	A	D	A	S			
UniRef90_K5Z1Y9	V	S	D	E	D	G	H	E	V	Q	A	A	V	E	N	F	F	A	V	R	D	A	L	A	Q	T	F	G	D	P	A	E	A	S	G	I	E	W	Q	P	N	D	A	S	S				
UniRef90_Q1QWG1	V	T	Q	D	D	G	T	L	E	V	I	T	S	P	E	R	F	F	G	A	V	K	K	D	L	S	E	A	D	L	E	P	V	A	S	D	V	L	G	L	Y	P	D	A	S				
UniRef90_M1Z3C6	S	S	D	D	D	G	Y	E	I	T	T	S	P	E	R	F	F	N	E	I	V	R	D	S	L	S	E	V	G	Y	E	F	A	V	A	E	S	D	V	L	G	L	Y	P	D	A	S		
UniRef90_R5E3B1	V	T	E	E	D	G	I	E	V	I	T	C	D	P	P	A	F	E	A	L	H	K	A	F	T	D	K	G	W	E	P	E	V	A	E	L	V	T	W	K	S	D	E	A	S				
UniRef90_S9ZHE0	L	S	H	D	D	G	I	E	V	I	T	G	P	N	E	F	T	A	V	K	K	A	L	L	E	Q	A	A	G	F	S	A	E	N	F	G	E	V	T	M	R	P	S	S	S				
UniRef90_D7BNP7	T	N	E	G	D	V	F	E	V	L	S	E	P	N	D	V	V	E	V	R	K	K	A	L	L	E	Q	A	A	E	G	L	D	B	N	P	7	7	7	7	7	7	7	7	7	7	7		
UniRef90_UPI0004039913	A	F	E	E	D	Y	V	T	V	Y	C	A	M	E	D	F	G	A	M	Q	K	K	V	Q	E	A	L	K	L	L	E	V	E	N	A	E	L	Q	R	I	P	N	T	A	S				
UniRef90_B4U7S7	E	S	T	E	D	M	F	I	Y	T	N	P	S	K	N	D	V	Y	T	I	K	D	L	L	A	S	K	G	F	T	I	S	E	A	K	T	S	L	I	P	T	K	A	A	A				
UniRef90_B0K951	S	A	E	E	D	E	F	E	I	V	T	N	P	S	K	N	D	V	Y	T	I	K	D	L	L	A	S	K	G	F	T	I	S	E	A	K	T	S	L	I	P	T	K	A	A	A			
UniRef90_R6MZA1	E	V	E	D	G	V	A	E	I	V	T	A	P	S	D	M	G	A	V	R	D	A	L	E	K	A	G	Y	K	I	S	S	A	E	V	S	M	V	P	K	A	A	A	A	A				
UniRef90_UPI0003488F88	T	D	D	E	G	G	F	E	V	L	C	A	V	H	D	V	A	N	E	V	K	D	A	L	E	T	A	G	F	F	A	E	V	A	E	S	V	L	M	K	P	A	A	A	A	A			
UniRef90_D2Z3E6	E	N	D	G	G	F	V	Y	T	D	P	S	V	V	V	D	E	V	K	D	G	L	E	S	K	G	F	A	I	D	E	A	E	S	Q	L	V	P	K	A	A	A	A	A	A				
UniRef90_R6QK53	T	D	E	E	D	I	F	E	I	R	T	E	P	N	D	V	G	A	V	R	D	E	L	E	G	K	G	Y	H	I	L	S	S	E	A	A	Y	I	P	Q	A	A	A	A	A				
UniRef90_R6UIZ3	E	A	E	D	D	L	F	T	E	I	Y	T	E	P	A	D	F	S	A	V	K	N	E	A	L	T	N	M	G	Y	T	F	A	S	A	E	I	E	M	V	P	Q	A	A	A	A			
UniRef90_I3ECY3	E	T	S	D	D	E	A	F	I	Y	T	D	P	D	Q	F	M	E	V	K	E	N	L	E	K	A	G	F	T	F	E	E	A	E	I	E	M	V	P	Q	A	A	A	A	A				
UniRef90_UPI0003823DF0	V	T	N	D	E	E	H	A	I	Y	C	G	P	D	M	L	G	E	V	R	T	A	L	E	A	A	L	G	E	A	Q	T	A	R	I	D	W	K	A	L	A	A	A	A					
UniRef90_I3BTE2	Q	M	D	D	D	G	A	E	I	T	T	A	P	E	D	F	F	A	V	K	D	A	L	T	J	A	A	G	F	T	P	D	L	D	S	E	V	T	M	R	A	D	A	A	A				
UniRef90_R7PS36	I	T	E	G	D	T	F	Q	V	I	T	S	P	E	D	F	L	T	V	K	S	E	A	L	T	J	A	A	G	F	T	P	D	L	D	S	E	V	T	M	R	A	D	A	A				
UniRef90_E3GP39	E	T	S	D	E	G	Y	E	I	S	T	T	P	E	D	F	A	A	V	M	D	A	L	R	D	N	G	L	E	V	L	S	G	E	V	A	M	I	P	S	S	S	S	S	S				
UniRef90_UPI0003B36101	E	A	T	D	E	K	T	F	E	I	T	T	S	E	A	D	F	E	V	K	R	T	A	L	E	E	A	G	A	V	F	T	T	A	E	A	V	T	F	V	P	A	A	A	A	A			
UniRef90_C0W1Q5	T	D	E	G	K	F	E	V	I	T	S	E	A	T	D	L	V	K	V	R	T	A	L	V	E	A	G	I	E	Y	D	S	A	E	A	S	F	V	P	A	A	A	A	A	A				
UniRef90_H1G0X6	V	S	D	D	G	A	I	D	V	L	T	S	P	E	D	Y	D	A	V	R	D	A	M	T	E	V	G	L	K	P	E	R	S	E	V	T	M	R	A	A	A	A	A	A					
UniRef90_Q65GN7	E	T	S	E	E	L	F	E	I	Y	T	E	P	E	Q	F	E	V	K	K	L	E	R	G	Y	K	L	A	T	S	E	Q	T	I	M	V	P	Q	A	A	A	A	A						
UniRef90_UPI0003B30607	E	E	D	D	G	T	F	E	I	Y	T	E	P	E	T	A	L	T	A	V	R	E	A	L	D	A	A	G	I	E	Y	S	A	Q	Q	V	Y	R	P	T	K	A	A	A	A				
UniRef90_UPI00040143EF	V	V	D	D	D	G	I	E	V	L	T	T	P	Q	S	Y	A	E	V	H	N	A	M	V	E	A	G	F	E	P	E	D	S	E	V	T	Q	Y	A	D	A	A	A	A					
UniRef90_B6INM1	Q	S	D	E	G	H	Y	I	S	T	A	V	D	S	L	G	E	V	R	D	A	L	E	T	R	F	G	P	P	E	S	A	K	L	T	W	Q	P	K	A	A	A	A	A					
UniRef90_X0S6E5	K	S	D	N	E	N	I	E	V	I	T	A	P	E	D	Y	Q	K	F	S	N	L	I	K	E	Q	N	I	D	C	L	L	S	E	V	T	L	I	P	K	A	A	A	A					
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UniRef90_UPI00036CF794 N L V P V D D K E T G Q A S V L K L L M D F A L E E D L D D D V V Q Q A V F V N A N A F E V P D D L
UniRef90_UPI000366D3EA T T A P V D D E E Q A A S V L K L L I D A L E E D L D D D V V Q Q A V F V N A N A F E V P D D L
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UniRef90_D6ZHF9	L A Q
UniRef90_D0LZE8	Y E R
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UniRef90_A0ZGY9	L E
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UniRef90_UPI0003B799E9	M
UniRef90_K8EST3	
UniRef90_R7B0P8	
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A N P T L Q D A L T K A K A S S V P N D N I E R A R K R G S G E E G G A N W E T E
S N P Q L R L M M D K A R S A N M P K D N I K R A I T D K A S G A N G A D Y E E
T N L R L R V A M D K A R A A N M P R D N I D K A I A K G A G E L L E A G E F V E
T N S K L R L A I D K A L A Q N M T R D T I D R A I K R G S G E D A N N H M E E
T N A A L R L A V D K A K S N N M P N E N I E R A I K K A A G A N L E G E N Y E E E
T N S K L R D L I Q K A K A N N V P N D N I D R T I K K A L G A S D V T A Y E E
M N A G L R H A I E K A K A S A N M P N D N I S R A I K K A T G D L D G V T Y D E E
A N P R L R L A M D K A T D A N M P K D N I Q R A I D K G T G N L E G V E Y V E
G N P A L E L A V S K A K K S S V P N D N I D R A I K R G A G T G A S I D Y T E E
N N S R L R D V I A K A K A N N M P N D T I E R G I K K A A G D A S V N Y E E E
D N P R L R A A V D K A L G A N M K R D T V E K A I A R G A G G T D G G E N Y D E E
A N P R L R A T L K A R Q N S M P K D N I E R A I K K G T G G E L L E G V T Y E E E
D N P R L R A A M D K A L G A N M K D T I D K A V A R G A G N A D G E N Y E E E
T N A S L R L V V D K A K A D N M P N D N I D R A I K K A T G T L D G A S F E E E
S N F R L R L A I E K A R A N N M P N E N I Q R A I D R G L G K S N E A A L Y E E
S N P R L R T A V A T A K A E N M P A D N I K R A I Q R G T G E L L P G V I Y E E
L N P R L R T A V D K A L T A N M T K D T I E R A I K R G S G A D G G A E M H E
L N A K L R D V I A K A K A S N M A L D T I M R A I K K G A G E L L E Q G V N F E E
M N P R L R A A I N A K A Q S M P K D N I A R A I D K A S K E G G D N Y E E E
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	90	100	110	120
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UniRef90_G5GGZ1	N T Y E E G Y G P S G G V A I V L L E T L T	D N K R N R T A A Q E E L L	R S A F A K G C G G N V	
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UniRef90_U2QUZ0	I M Y E E A Y G P A G G V A I L I E C L T	D N K R N R A V A Q N L	R T A V T R N G G A T M	
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UniRef90_K2D5N4	V S Y E E G Y A P N G G I A V I I E C V T	D N K R N R T V A E I	R H L L T R N G G N M	
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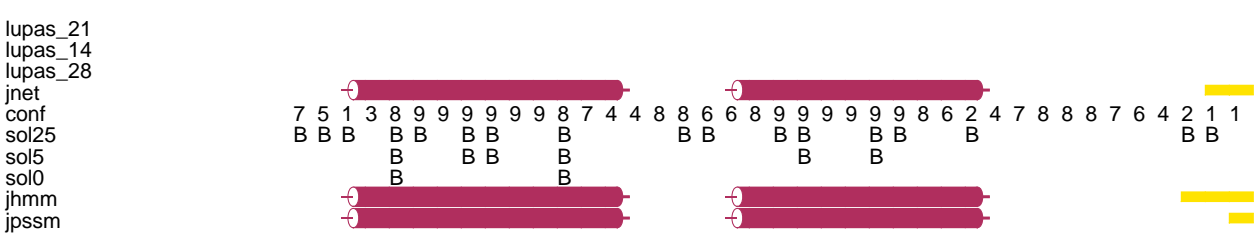
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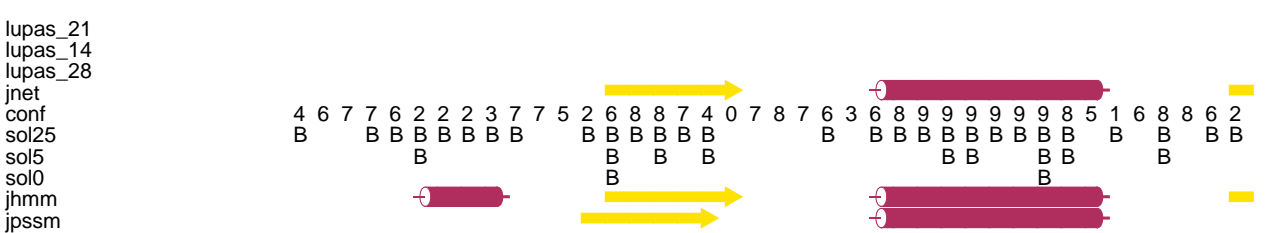
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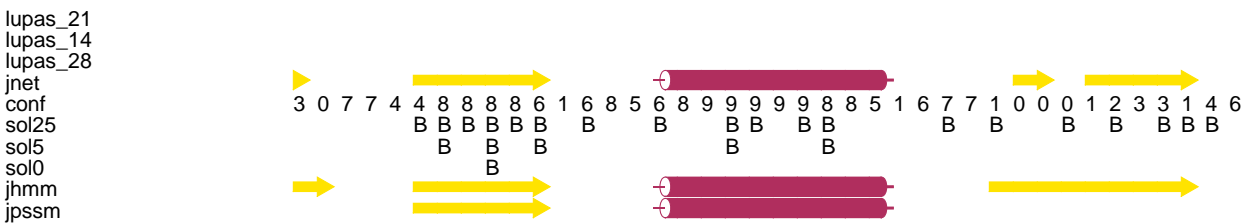
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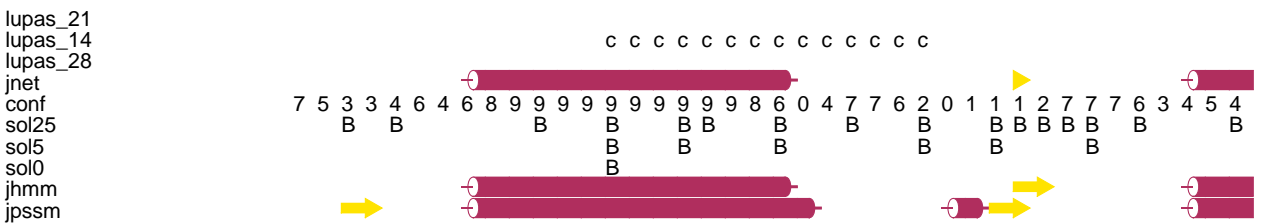
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