

QUERY	1	10	20	30	40																																								
UniRef90_K1Z6U5	V	D	F	A	D	V	R	T	T	L	E	E	G	G	L	S	I	G	M	G	E	R	G	D	E	K	A	D	I	V	E	K	A	V	T	S	S	P	P						
UniRef90_A0A017T039	L	D	F	A	D	V	K	T	S	V	M	S	N	M	G	R	A	L	M	G	T	G	S	A	K	N	Q	R	R	A	R	L	A	A	E	M	A	V	S	S	S	P	P		
UniRef90_Q2LR53	L	D	F	A	D	V	K	T	S	V	M	S	N	M	G	R	A	L	M	G	T	G	S	A	K	N	Q	R	R	A	R	L	A	A	E	M	A	V	S	S	S	P	P		
UniRef90_G6EZT4	L	D	F	A	D	I	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	N	P	P
UniRef90_V8AAR6	L	D	F	A	D	I	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	N	P	P
UniRef90_K7ZC09	L	D	F	A	D	I	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	N	P	P
UniRef90_UPI00036269F9	L	D	F	A	D	V	R	T	V	M	S	D	M	G	R	A	M	M	G	T	G	E	A	A	T	E	G	D	R	R	A	L	D	A	A	E	A	A	I	S	S	N	P	P	
UniRef90_A0A023D7E2	L	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	N	P	P
UniRef90_R7I8N5	L	D	F	A	D	V	K	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	N	P	P
UniRef90_I4CCP3	L	D	F	A	D	V	R	T	V	M	Q	E	K	G	I	A	L	M	G	T	G	S	A	I	G	E	G	R	V	E	E	A	T	R	M	A	I	N	S	P	P	P			
UniRef90_M1P895	V	D	F	A	D	V	R	S	V	M	A	D	A	G	S	A	L	M	G	T	G	S	A	R	D	G	E	D	R	V	M	V	D	A	A	E	K	R	A	I	N	S	P	P	
UniRef90_UPI000367CBB5	L	D	F	A	D	V	R	T	V	M	N	E	M	G	K	A	M	M	G	T	G	E	A	R	D	G	E	D	R	R	A	V	D	A	A	E	R	A	I	A	N	P	P		
UniRef90_D8JQS2	L	D	F	A	D	V	R	T	V	M	S	N	M	G	S	A	M	M	G	T	G	E	A	T	G	E	R	R	A	V	L	A	A	E	E	A	I	A	N	P	P				
UniRef90_R4LEN8	L	D	F	A	D	V	K	T	S	V	M	S	G	A	G	S	A	L	M	G	T	G	S	A	R	S	G	E	D	R	R	A	V	E	A	E	E	K	A	I	S	S	P	P	
UniRef90_A7HH77	L	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	P	P	
UniRef90_B0T821	L	D	F	A	D	V	R	T	V	M	T	E	M	G	K	A	M	M	G	T	G	E	S	T	G	E	D	R	A	L	M	A	A	Q	N	A	I	A	N	P	P				
UniRef90_K4LEM3	L	D	F	A	D	V	K	T	S	V	M	A	E	T	G	S	A	L	M	G	T	G	S	A	R	G	E	N	R	A	V	Q	A	A	R	K	A	I	S	S	P	P			
UniRef90_W5W187	L	D	F	A	D	V	K	T	S	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	I	R	A	A	E	Q	S	K	A	I	S	S	P	P
UniRef90_M2U2Q6	L	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	A	E	G	E	N	R	A	I	R	A	A	N	K	A	I	V	S	N	P	P			
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UniRef90_UPI000367CBB5	L	D	F	A	D	V	K	T	S	V	M	E	E	M	G	K	A	M	M	G	T	G	E	A	E	G	E	N	R	A	R	E	A	A	E	R	A	I	A	N	P	P			
UniRef90_X5DSW1	V	D	F	A	D	V	R	S	V	M	T	D	A	G	S	A	L	M	G	T	G	S	R	T	G	D	D	R	A	R	K	A	T	E	L	A	I	N	S	P	P				
UniRef90_U2NN86	L	D	F	A	D	V	R	A	V	M	L	D	K	G	L	A	H	M	G	T	G	T	G	T	G	D	D	R	A	Q	D	A	A	K	Q	A	I	N	S	P	P				
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UniRef90_UPI00036DB4E1	L	D	F	A	D	V	K	T	S	V	M	S	N	A	G	S	A	L	M	G	T	G	S	A	R	G	E	N	R	A	V	A	A	A	E	M	A	I	S	S	P	P			
UniRef90_G9PWY5	V	D	F	A	D	V	K	T	S	V	M	S	N	A	G	S	A	L	M	G	T	G	S	A	R	G	E	N	R	A	A	T	A	A	F	N	A	I	N	S	P	P			
UniRef90_UPI00036EEA26	V	D	F	A	D	V	K	T	S	V	M	S	N	A	G	S	A	L	M	G	T	G	S	A	R	G	E	N	R	A	A	T	A	A	F	N	A	I	N	S	P	P			
UniRef90_T0MI75	L	D	F	A	D	V	K	T	S	V	M	S	E	M	G	D	A	L	M	G	T	G	E	S	G	S	G	E	N	K	A	V	D	A	A	E	Q	S	K	A	I	A	S	P	P
UniRef90_UPI000379C231	L	D	F	A	D	V	R	A	V	M	T	E	M	G	K	A	M	M	G	T	G	E	A	S	G	E	D	R	A	M	D	A	A	E	A	A	I	A	S	N	P	P			
UniRef90_H0A504	L	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	V	K	A	A	E	A	A	I	S	S	N	P	P		
UniRef90_UPI00046AD057	L	D	F	A	D	V	K	T	V	M	S	D	Q	G	S	A	L	M	G	T	G	T	A	N	G	E	N	R	I	T	D	A	T	N	K	A	I	S	S	P	P				
UniRef90_Q1YSC6	V	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	A	S	G	E	D	R	A	I	I	A	A	E	S	A	I	K	C	P	P				
UniRef90_C7JCK1	L	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	V	E	A	A	E	Q	S	K	A	I	S	S	P	P	
UniRef90_F2NG66	L	D	F	A	D	V	R	T	V	M	S	E	M	G	K	A	M	M	G	T	G	E	V	E	E	G	E	N	R	A	V	E	A	A	E	Q	S	K	A	I	S	S	P	P	
UniRef90_P73456	L	D	F	A	D	V	R	A	V	M	A	D	A	G	S	A	L	M	G	T	G	S	A	R	D	G	E	D	R	A	K	E	A	A	T	A	A	I	S	S	P	P			
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UniRef90_S6BAH2	L	D	F	A	D	V	R	T	V	M	S	E	M	G	V	A	M	M	G	T	G	R	A	S	S	G	E	D	R	A	R	E	A	A	E	L	A	I	R	S	P	P			
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UniRef90_X0TUM6	V	D	F	A	D	V	R	T	V	M	S	S	N	R	G	A	L	M	G	T	G	E	A	T	G	E	N	R	A	V	E	A	A	Q	Q	A	I	C	T	S	S	P	P		
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L L E D V D L R G A R G V L L V N I V T A G G F D L S L G E F S E V G A V I E E F A S
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L L E D E I S L N G A K G V L L N I T T G G Y D M T L L F E L D E A A S H I R E V V D
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L L E D V S I E S A K A V L L Y N I T A S M D I S T V S D E I A E I G D T I A D A P
L L E A T S M D G A Q G V L L L N I T S G G S D L G L F F E I N A A A E L V A D A H
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90 100 110 120

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P E A N I I F W G S A F N P E L E G R I R V S V V A T G I D A D V K P G A A A P V
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D A K V F F G T V E D P D A T D E M R I T T V I A T G F F E S A S Q R G M P V
N E V N V I F G S V I N E N L K D E I V T T V I A T G F F D E T N K Q G M Q Q A K
Y G T D L I W G N C F D E S L G D S I S V T T V I A T G F F E N K R K R I E K E E P
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UniRef90_K9TYZ2	V	D	F	A	D	V	K	T	I	M	S	N	A	G	S	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
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UniRef90_A1AU55	L	D	F	A	D	V	E	T	I	M	S	V	R	G	M	A	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P			
UniRef90_G4KYV2	L	D	F	A	D	V	T	T	I	M	K	D	A	G	T	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_F5L907	L	D	F	A	D	V	K	T	I	M	T	E	K	G	S	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_R9GR27	V	D	F	K	D	V	R	T	I	M	N	N	S	G	V	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_U1PV14	L	D	F	A	D	V	K	T	I	M	K	D	A	G	T	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_H0E908	L	D	F	A	D	V	R	T	I	M	H	D	A	G	T	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_UPI000475E89D	V	D	F	A	D	V	R	T	I	M	S	N	R	G	M	A	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P			
UniRef90_I3VVN7	V	D	F	A	D	V	K	T	I	M	M	E	T	G	L	A	H	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_I7KHJ6	L	D	F	A	D	V	K	T	I	M	M	A	N	K	G	D	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P	
UniRef90_N6WG63	L	D	F	N	D	V	K	S	V	M	K	D	A	G	S	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_D3F1L1	L	D	F	A	D	V	R	T	I	M	H	N	A	G	T	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
UniRef90_UPI00020DA1A6	L	D	F	A	D	V	K	T	I	M	Q	D	A	G	P	A	L	M	M	G	G	L	G	V	L	A	S	M	T	E	N	R	A	E	A	A	E	K	A	I	S	S	S	S	P	P	P	P		
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L L L E F T S I V D G G A T H G G V L L M S I V A T T G G G S N D L S G L L F F E V V A N E A A S Q I L V V S E E A A S D
L L L E E K S I D E G G A Q G G V L L M N I V A T T G G G M N L S G L L F F E V V I Q Q E A A A D V A T E R C A A S D
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P E A R L I W G A S V D P D L G D V I R T M V I I T G V A S T Q I L G K P Q S E
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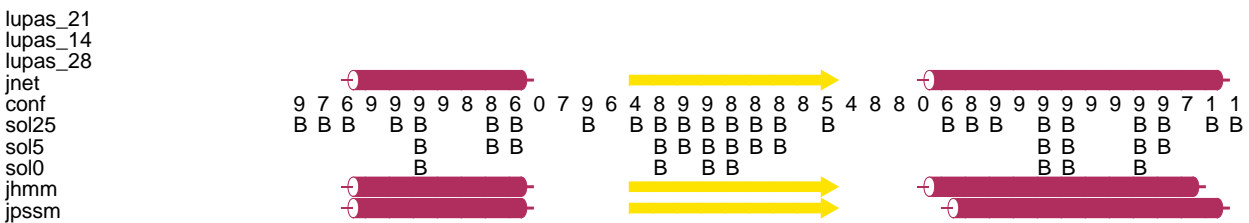
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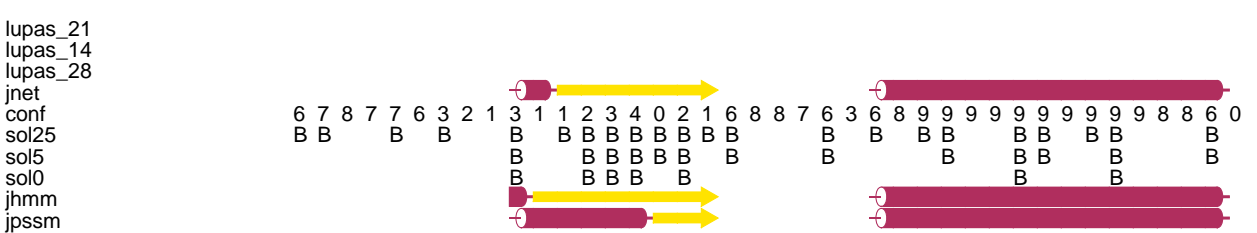
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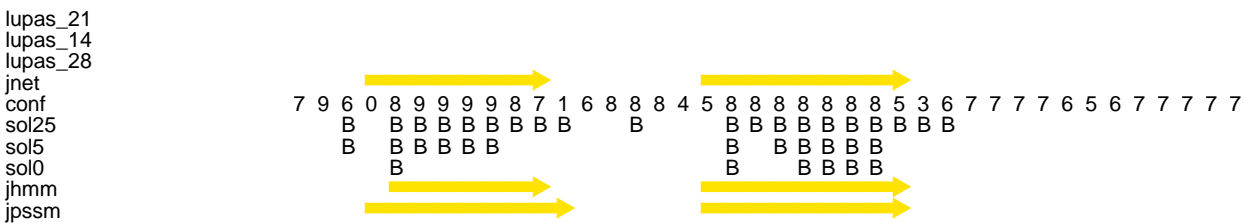
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