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50 60 70 80

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

QUERY	F	G	N	L	V	G	G	F	S	A	K	R	C	D	E	A	I	P	L	D	A	V	P	A	D	D	V	V	P	V	C	R	A	I	L	E						
UniRef90_K9W3W4	I	G	F	N	V	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_K9QCR8	E	D	F	N	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E		
UniRef90_UPI000411B2C9	F	G	F	N	V	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_K9SR84	I	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_U5QCJ9	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_K9ZCU3	F	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_Q8DJ79	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_B8HKN7	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_K9R715	L	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_K1W439	L	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_B4WQ12	L	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_UPI0004675E8C	F	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_K9YKU1	L	L	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_UPI00020015DC	M	G	F	N	V	W	I	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_LOA775	V	G	F	D	V	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_UPI00037ED9FE	V	G	F	K	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_B2JEU5	E	V	A	S	I	L	A	G	G	G	L	G	R	T	P	I	I	G	A	I	I	K	Q	D	L	P	W	K	H	I	L	L	T	Y	L	C	E	A	I	L	E	
UniRef90_S5R484	K	I	G	F	C	V	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_A0A016QM33	V	G	F	D	V	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_N6Z514	L	L	G	F	R	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_UPI0003648013	P	G	F	D	L	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_D9SHJ0	E	W	Y	Q	V	S	I	G	G	A	Q	G	N	D	S	I	G	K	V	I	G	R	S	F	S	F	G	Q	I	P	E	V	L	A	R	L	L	T	A	R		
UniRef90_M1FEG9	D	W	Y	Q	I	S	L	G	G	S	S	K	E	D	A	R	L	G	K	I	L	G	R	S	F	V	P	A	S	D	V	A	L	T	V	E	K	L	A	R		
UniRef90_I0K948	R	G	F	K	V	L	L	A	G	G	L	G	A	D	Q	P	F	L	A	Q	T	A	T	E	F	I	E	E	R	V	I	P	F	I	E	A	V	I	R	L		
UniRef90_D7DHFQ3	V	A	I	K	V	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_W0VB03	E	W	Y	Q	V	S	I	G	G	S	Q	G	N	D	S	I	G	K	V	I	G	R	S	F	S	F	G	Q	I	P	E	V	L	A	R	L	L	T	A	R		
UniRef90_G1Y428	V	G	F	E	V	S	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_Q33DM5	F	G	F	N	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_UPI0004695469	L	E	F	Y	Q	V	S	L	G	G	R	S	D	D	N	A	T	I	G	K	I	L	G	R	S	F	N	A	S	D	M	V	P	N	V	I	D	K	L	L	E	
UniRef90_E1ZNI9	V	G	F	N	V	E	L	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_UPI00035D617D	I	G	F	T	V	F	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_UPI000255A392	P	L	L	R	V	M	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_CON262	E	W	Y	Q	V	T	I	G	G	K	Q	G	E	D	A	R	L	G	K	V	I	G	R	S	F	P	S	F	K	A	D	V	P	Q	V	I	D	K	L	L	E	
UniRef90_C5BJB5	E	F	Y	Q	V	Q	L	G	G	N	S	S	N	N	A	S	L	G	A	V	L	G	P	S	F	S	R	A	D	M	P	D	V	I	R	K	L	L	E			
UniRef90_N2JK77	L	L	G	F	R	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_UPI00046FF9F6	M	G	F	G	V	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_UPI0003A85FC0	L	K	L	R	V	M	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_Q2CJ09	E	N	Y	Q	I	T	L	G	G	D	G	T	E	T	A	S	L	G	E	R	A	P	G	F	P	A	E	G	M	V	D	V	A	J	I	E	S	L	L	E		
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UniRef90_S9ZRJ0	E	L	G	F	R	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_K2LRQ7	V	G	F	E	V	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_H6SQK0	E	A	Y	Q	I	T	L	G	G	A	A	G	N	T	P	A	S	L	A	R	P	L	G	P	A	V	E	A	V	V	E	D	A	I	H	T	L	I	V	D		
UniRef90_D3NT46	E	Y	Y	Q	I	T	L	G	G	D	P	T	T	T	A	S	L	G	R	P	L	G	P	A	V	E	A	V	V	E	D	A	I	H	T	L	I	V	D			
UniRef90_R7QAL9	V	G	F	N	V	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_A0A024KD46	E	L	Y	Q	I	T	L	G	G	D	A	T	E	N	A	S	V	G	K	I	L	G	P	G	F	E	A	E	K	V	D	A	I	H	T	L	I	V	D			
UniRef90_N1V1R0	P	G	Y	D	L	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_UPI00036AB0FA	Q	V	L	A	N	V	I	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_UPI00037EEFFB	V	G	F	E	V	L	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E	
UniRef90_Q0I637	L	L	G	F	G	V	W	I	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_V6IWE8	L	L	G	F	H	V	K	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V	C	R	A	I	L	E
UniRef90_S2L9C8	E	Y	Y	Q	V	S	L	G	G	N	A	T	D	D	A	S	L	G	K	I	L	G	P	S	F	Y	R	E	D	I	P	D	V	I	D	K	V	L	N			
UniRef90_UPI00035CE53F	I	G	Y	D	L	W	V	G	G	F	F	S	A	K	R	C	D	E	A	I	P	L	N	A	V	V	D	P	R	D	D	V	V	P	V							

QUERY UniRef90_K9W3W4 UniRef90_K9QCR8 UniRef90_UPI000411B2C9 UniRef90_K9SR84 UniRef90_U5QCJ9 UniRef90_K9ZCU3 UniRef90_Q8DJ79 UniRef90_B8HKN7 UniRef90_K9R715 UniRef90_K1W439 UniRef90_B4WQ12 UniRef90_UPI0004675E8C UniRef90_K9YKU1 UniRef90_UPI00020015DC UniRef90_L0A775 UniRef90_UPI00037ED9FE UniRef90_B2JEU5 UniRef90_S5R484 UniRef90_A0A016QM33 UniRef90_N6Z514 UniRef90_UPI0003648013 UniRef90_D9SHJ0 UniRef90_M1FEG9 UniRef90_I0K948 UniRef90_D7DHQ3 UniRef90_W0VB03 UniRef90_G1Y428 UniRef90_Q33DM5 UniRef90_UPI0004695469 UniRef90_E1ZNI9 UniRef90_UPI00035D617D UniRef90_UPI000255A392 UniRef90_C0N262 UniRef90_C5BJB5 UniRef90_N2JK77 UniRef90_UPI00046FF9F6 UniRef90_UPI0003A85FC0 UniRef90_Q2CJ09 UniRef90_UPI000360F7BA UniRef90_D6Y379 UniRef90_UPI00036CC504 UniRef90_S9ZRJ0 UniRef90_K2LRQ7 UniRef90_H6SQK0 UniRef90_D3NT46 UniRef90_R7QAL9 UniRef90_A0A024KD46 UniRef90_N1V1R0 UniRef90_UPI00036AB0FA UniRef90_UPI00037EEFFB UniRef90_Q0I637 UniRef90_V6IWE8 UniRef90_S2L9C8 UniRef90_UPI00035CE53F UniRef90_W0SBB2 UniRef90_UPI0003B45273 UniRef90_E3HVK8 UniRef90_W7DKN1 UniRef90_I3I711 UniRef90_UPI000376FF66 UniRef90_U2AD50 UniRef90_UPI000426E1AE UniRef90_H0PWR2 UniRef90_F5SMA2 UniRef90_UPI0003B67348 UniRef90_H6RDS9 UniRef90_I2JJE1 UniRef90_UPI00036226FF UniRef90_UPI000382B942 UniRef90_Q2G579 UniRef90_D8N5L6 UniRef90_A4A410 UniRef90_UPI0003716C56 UniRef90_C8XKL1 UniRef90_UPI0003638AA4 UniRef90_C8PVG2 UniRef90_I4XU43 UniRef90_UPI000255B33E UniRef90_F5XEY6 UniRef90_F8E2I4 UniRef90_B4VF34 UniRef90_A4VLP4 UniRef90_K5D6E8 UniRef90_U5MV25 UniRef90_A1WQY1 UniRef90_UPI0004028B95 UniRef90_UPI0002E9E09E UniRef90_UPI0003711168 UniRef90_J7LX99 UniRef90_G6XM91

130 140 150 160

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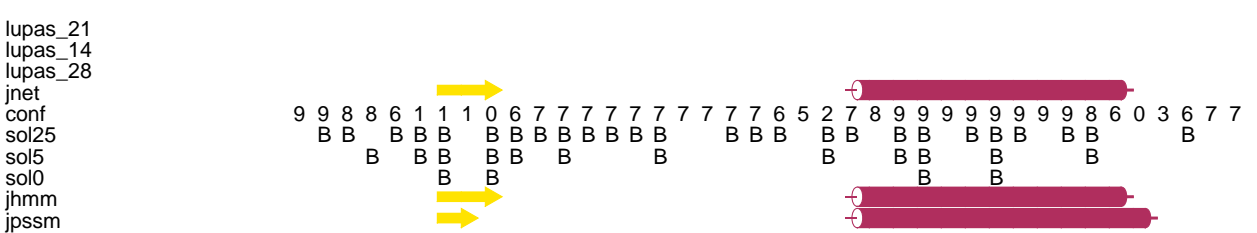
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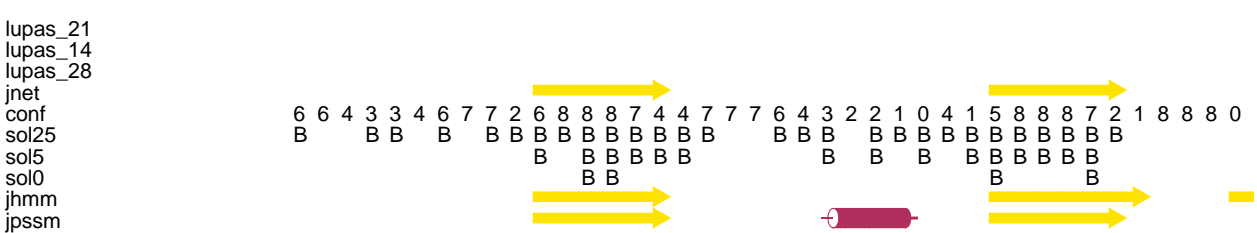
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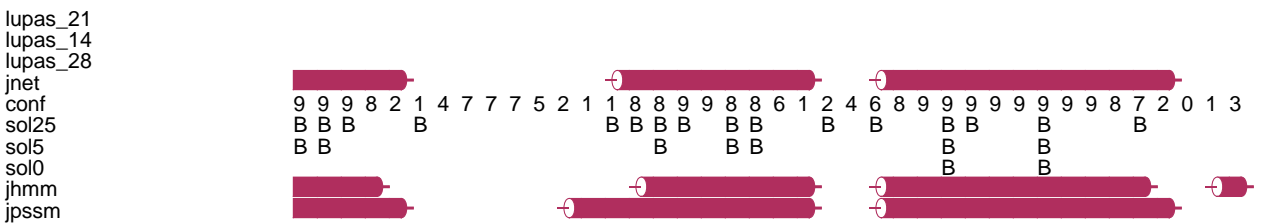
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