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QUERY	V	R	C	F	Q	D	N	A	L	L	V	H	K	S	V	L	S	Q	P	S	A	G	G	D	V	L	V	V	D	G	A	G	G	S	L	H	T	A	L	V	G	D	V	I	M				
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UniRef90_V4KX97	V	K	C	F	E	D	N	S	R	I	K	E	M	L	A	Q	P	G	Q	G	D	V	L	V	V	A	D	A	G	G	S	V	R	C	A	M	L	L	G	D	L	L	L	G	D	R	L		
UniRef90_UPI0003FC1B48	V	R	C	H	R	D	N	G	L	V	K	R	L	N	T	P	G	D	G	R	V	L	V	V	D	D	D	G	G	G	S	L	A	S	A	L	M	G	D	L	L	L	L	L	G	D	L	I	
UniRef90_J7KXZ2	V	R	T	R	P	D	N	R	A	L	H	E	A	L	T	V	A	R	P	G	D	V	L	V	V	D	D	G	G	G	D	D	S	R	A	L	L	M	G	E	L	L	L	L	G	D	L	I	
UniRef90_F3KFP2	V	K	C	F	E	D	N	S	L	V	K	E	E	L	A	K	P	G	A	G	P	G	D	V	L	V	V	D	D	G	G	G	S	M	R	R	A	L	L	M	G	E	L	L	L	G	D	M	L
UniRef90_G4RDS8	V	K	T	R	P	D	N	S	L	F	V	H	H	A	L	D	L	A	E	P	G	D	V	L	V	V	D	D	G	G	G	D	L	T	N	A	L	L	M	G	E	M	M	M	G	D	L	I	
UniRef90_Q82MP3	V	L	S	W	P	D	N	L	M	I	H	A	A	V	E	Q	C	G	E	G	D	L	L	V	V	T	T	T	S	P	S	T	D	G	M	F	G	E	L	F	L	L	G	D	L	I			
UniRef90_N6YH18	L	K	L	F	E	D	N	S	F	V	R	K	A	V	D	E	S	P	G	G	R	V	L	V	V	D	D	G	G	G	A	S	M	R	R	C	A	L	V	G	D	Q	L	L	G	D	Q	L	
UniRef90_F5RC75	L	K	L	F	E	D	N	G	L	V	R	K	A	L	E	A	P	G	N	G	R	V	L	V	V	D	D	G	G	G	S	M	R	R	A	L	L	V	G	D	Q	L	L	G	D	Q	L		
UniRef90_H0PZ07	L	K	V	F	E	D	N	S	L	V	R	K	A	L	E	T	D	G	H	Q	V	L	V	V	D	D	G	G	G	S	M	R	C	A	L	L	V	G	D	Q	L	L	G	D	Q	L			
UniRef90_W9V359	I	K	A	F	E	D	N	S	L	V	R	E	Q	V	A	L	M	A	P	E	G	A	P	G	D	V	L	V	V	D	D	G	A	G	S	M	R	K	A	M	L	L	G	D	M	L			
UniRef90_A4YUP7	V	K	A	S	R	P	D	N	L	M	L	H	K	A	L	D	M	A	P	E	P	G	D	V	L	V	V	D	D	A	G	G	D	L	S	N	A	L	L	I	G	E	M	M	M	G	D	L	I
UniRef90_F2D735	V	K	V	F	E	D	N	S	L	V	R	A	L	L	E	E	K	G	E	G	R	V	L	V	V	D	D	G	G	G	S	L	S	R	A	L	L	L	G	G	N	I	L	L	G	D	N	L	
UniRef90_K9ACP6	V	L	T	R	P	D	N	Q	A	L	H	K	A	L	P	L	T	R	P	G	D	I	L	V	V	A	A	G	G	G	E	T	D	R	A	L	L	G	E	L	L	L	G	D	L	I			
UniRef90_UPI0003B74156	V	R	C	R	E	D	N	A	L	V	R	A	T	L	A	T	P	G	E	G	R	V	L	V	V	D	D	G	G	G	S	L	R	C	A	L	L	V	G	G	N	L	L	G	D	N	L		
UniRef90_D8IT53	L	K	V	F	E	D	N	S	V	L	V	R	A	T	L	E	T	P	G	Q	G	H	V	L	V	V	D	D	G	G	G	S	L	R	C	A	L	V	G	G	N	L	L	G	D	M	L		
UniRef90_N2J070	V	I	K	C	F	E	D	N	S	Y	V	R	E	E	D	P	G	S	G	K	V	M	V	V	D	D	D	G	G	G	S	M	R	R	C	A	L	L	L	G	D	M	L	L	G				



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UniRef90_F8E1S4	V	K	C	F	Q	D	N	A	L	L	K	S	I	L	S	E	D	N	G	G	G	V	L	V	I	D	D	G	R	A	S	S	M	R	S	A	L	V	G	D	I	I	
UniRef90_B5FAK3	V	R	K	C	Y	F	K	D	N	S	L	V	R	E	A	T	L	S	E	Q	N	G	K	V	L	V	D	D	G	G	S	S	R	Q	K	A	L	L	G	D	Q	N	V
UniRef90_B2JIG2	L	S	C	Y	E	D	N	S	L	V	R	E	L	V	N	R	P	G	Q	G	A	R	V	M	V	D	D	G	G	G	S	L	R	R	A	L	L	G	D	Q	L		
UniRef90_UPI00034A7ED5	V	A	C	F	E	D	N	S	M	V	K	Q	A	V	A	E	P	G	N	G	S	V	L	V	V	D	D	G	G	G	S	M	R	C	A	M	L	G	D	M	L		
UniRef90_H1S316	V	R	T	R	P	D	N	L	M	V	H	K	A	I	D	S	E	P	G	D	V	L	V	V	D	D	A	G	G	A	G	P	N	A	L	L	G	E	I	M			
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UniRef90_J2LNA1	V	R	V	R	F	E	D	N	L	A	I	H	R	A	F	E	D	F	C	R	P	G	K	V	M	V	D	S	G	A	S	L	R	C	A	M	M	G	D	V	M		
UniRef90_Q0F2S3	L	K	A	F	E	D	N	S	F	L	K	A	A	F	E	T	D	G	R	G	K	V	L	V	V	D	D	S	G	A	S	L	R	C	A	M	M	G	D	V	M		
UniRef90_A6F1E5	V	K	C	F	E	D	N	S	I	V	K	E	Q	V	A	L	P	G	N	G	R	V	M	V	V	D	D	G	G	G	S	K	R	A	A	L	L	G	D	M	L		
UniRef90_S5Y4I7	V	D	A	R	P	D	N	L	M	V	H	A	A	L	S	K	A	Q	P	G	D	V	L	V	V	D	D	A	K	A	F	V	D	A	G	P	W	G	I	L	M		
UniRef90_UPI00037BBD1B	V	R	L	R	P	D	N	L	M	V	H	A	A	L	S	A	E	E	G	D	V	L	V	V	D	D	G	G	G	D	V	S	T	A	G	A	V	I	V	G	D	I	M
UniRef90_C5DAM7	V	D	V	F	E	D	N	V	L	V	R	E	A	L	E	T	V	P	A	G	T	V	L	V	V	D	D	G	K	G	S	R	N	C	A	L	L	G	D	R	L		
UniRef90_J7LVF8	V	W	T	R	F	E	D	N	G	G	H	R	A	L	L	Q	L	A	H	P	G	D	I	V	V	V	A	G	G	G	S	D	S	R	A	L	L	G	E	L	I		
UniRef90_W5Y071	V	R	C	F	Q	D	N	G	L	V	K	Q	T	L	S	E	P	G	H	G	G	V	L	V	V	D	D	G	D	A	S	V	H	T	A	L	V	G	E	I	M		
UniRef90_R7WGW5	I	K	C	F	Q	D	N	L	L	V	K	Q	T	L	S	E	P	G	H	G	G	V	L	V	V	D	D	G	D	A	S	V	H	T	A	L	V	G	E	I	M		
UniRef90_C6PV54	V	K	S	R	P	D	N	L	T	L	H	V	A	L	N	T	A	E	E	G	D	V	L	V	V	A	S	N	E	G	D	R	S	Q	S	I	M	G	E	L	M		
UniRef90_E4NIX2	V	L	L	Q	P	D	N	W	M	L	H	V	A	I	E	Q	V	R	P	G	D	V	L	V	V	A	C	T	T	E	S	E	D	G	F	F	G	E	L	L			
UniRef90_A0A024PDI9	V	K	V	K	D	D	N	V	L	V	R	K	A	L	E	T	V	P	A	G	N	V	L	V	V	D	D	G	I	A	S	K	N	C	A	L	L	G	G	N	L		
UniRef90_MOCV03	V	N	A	S	F	E	D	N	L	I	I	H	K	A	I	E	T	M	T	E	P	G	D	V	L	V	V	D	C	N	G	S	Y	T	E	T	G	H	I	G	E	L	M
UniRef90_E1IDY0	L	K	L	F	E	D	N	S	L	V	H	R	S	T	L	E	E	P	G	A	G	R	V	L	V	V	D	D	G	G	G	S	L	R	C	A	L	V	G	D	Q	I	M
UniRef90_A4WXD5	V	R	S	R	P	D	N	L	M	L	H	K	A	I	D	M	A	E	P	G	D	V	L	V	V	D	D	A	G	G	D	M	T	N	S	L	M	G	E	L	M		
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UniRef90_N9KZ94	V	K	C	F	E	D	N	S	R	V	K	E	L	A	T	E	G	R	G	K	V	L	V	V	D	D	G	G	G	S	M	R	C	A	L	M	G	D	L	I	M		
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UniRef90_Q8EE23	V	K	C	F	E	D	N	S	R	V	K	E	V	L	A	S	E	P	G	S	H	G	V	L	V	V	D	D	G	G	G	S	S	R	R	A	L	L	G	D	L	I	M
UniRef90_A3UIY3	I	R	T	H	E	D	N	S	R	V	R	E	A	V	A	S	E	P	G	S	G	R	V	L	V	V	D	D	G	G	G	S	L	R	N	A	L	I	G	D	M	I	
UniRef90_U7HXJ0	V	K	C	F	E	D	N	S	R	V	K	E	H	L	A	T	D	G	K	G	K	V	L	V	V	D	D	G	G	G	S	L	R	N	A	L	I	G	D	M	I		
UniRef90_G7WQ34	V	Q	T	F	E	D	W	A	K	S	V	E	A	I	D	L	A	G	P	E	D	V	L	V	V	D	Y	N	G	S	R	Y	V	S	C	W	G	L	L	A			
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UniRef90_J3E5X1	V	K	T	R	P	D	N	L	Y	I	Y	K	A	L	T	L	I	E	P	G	H	G	V	L	V	V	D	D	A	Q	G	D	A	T	N	A	V	I	G	E	L	I	
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UniRef90_S8D6Y4	V	K	V	F	E	D	N	V	A	V	R	E	V	L	E	T	R	G	D	G	R	V	L	V	V	D	D	G	G	G	S	L	R	C	A	L	L	G	G	N	I	M	
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UniRef90_K6ZZR5	V	L	A	Q	P	D	N	W	M	L	H	V	A	I	E	Q	L	Q	D	G	D	V	L	V	V	A	C	T	T	E	N	T	D	G	M	F	G	D	L	L	M		
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R N V S T C D L C D A H S G G A F R G V L P P V F L S F G A R A A F H G V S T  
A L G K A G V A T V H E A Q G R R I G V L S A S L R P I Y R G A Q I A G S A V T  
A Y A Q L P A A N I A D T M N R I A V L G N G I Q R I S Q K P V M A G Y A I T  
T V S T C D L S D K H G E E H A R L P A P V F H N F G A R R A F H G R A V T  
T A D L Y D E R G E E R K L E S L A V Q F Q N I G R H T F S G P V R T  
I T F I P T A D L V D I L I G P D A R S C D T Q F S N L I G G H T D F C G P I T T  
L K K L S S T L V A D G M D Y E N V M N Y K I K P V N F Q K T L F Y G Q V V T  
S N F V T C D L L D D N P N C Q V V C S P R F F S Y G G L S S F G G E V V T  
M T Q F T T P D L Y D E H R D H V L G A D S G L Q H F G N K T L F Y G Q V V T  
L A R L G S A T V H E A M G R Q V G L C R P Y L F E G A R V A G S A V T  
A L A G I V T P H L S D N L A R R R E G I A G L H R Y N R A G K L A G T A L T  
A L S R F S P A T I H E A Q G R G A L S S R L K P V D Y R M K L C G P A F T  
D F T P T T D L S D A W P Q A Q V A A P V F R D F G G R V R F G G E A V T  
A Y R S V P V P H A S D C M G R H T G A R G L I A Y H G E Q P A T I A G P A L T  
M K D F Q T A D L C D A Y P D V A S C T A D F K Q Y G V R K K F Y G R I R T  
A F A A F P T A N I G D A Q D R L V G L V N G T V R A Q W P D A R C T G A L P  
T A T A D L Y D E H G E A L A S L A L Q L R D F G G V R A F S G P V R T  
F S E L S P T T Y A C D A L L G R E Q F M D M G I R E M W P H P R I A G P A Y T  
T A D L C D Q Y G E S V R V C S L S F R N Y G K A T F Y G R I T T  
L G T F S A A T I H E A Q G R K G S L H P A I K P I D R D M K F C G S A F T  
I S T S N I S D A L K N L T G G V T P G V K P I K D D L K I S G K V V T  
Y S T S D L C D H F A D A D V D L E P M F I N F G Q S A F S G R I K T  
T T D L D A N E G K V R I V A P M F R D Y G G N I E F S G S I A T  
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T T D L C D E F E N E L Q I C R Q P F R S F G K K E Q F H G K I A T  
F R Q I P T A V I S D N L Q R L P G A T S L K P F Y K G P M A G I A L T  
T P D L C D R Y P E V I T A E P F F R H F G G R T V F C G P M V T  
T A D L C D A H A R L H V L A P G F T A F T G Q S H M M G P V E T  
L G A Y S S A T I H E A Q G R L L G A L D S S I K P V D H R M S L C G P A F T  
S F S K L P S A T I D D C M S R N A G L M N A R I K L M S P N K I M C G P A L T  
S F Y D V V T P H L S D N M S R N I G L S G L R R F S N K T G K L I G T A L T  
F S K L P T A D V A D C M S R T S A L S P D I Q Q S S P E N Y M C G A L T  
F K A V P P T T L A D L L G R E Q V M D V G I R P L R S S A R I A G P A F T  
I A T A D L A D E L I G P E I R S C D T Q F I Q F G G H E V F S G R I V T  
A L S P T T L A D V L P R T Q V M R Y N I R T P L W A C P R I T G P A F T  
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I S P C A D I V A D A V I G P S V R S C D V Q F L N Y G G R G E F A G R I S T  
F T D I V S T C D L A D A L P P R S Q F L H H S I R P L W G G P R I A G P A F T  
F R S I S P T T L A D L L G R T Q V M D V G I R P L W P V P R V A G P A F T  
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T S L C D I Y A D T I D V V E P L L T N Y G G R N S A F G E V V T  
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P D L T D Q Y P D H L L I A D P F N S Y G K K N I F Y G E V V S  
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G A M N H D I R P V W P G S R M C G T A L T  
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V S A A G D N W M M H V A I E Q A Q D G D F L V F A P T S P S N H G F F G D L L  
V S C H P D N L M I H A A M E V C R P G D V L V V T V T S A S T D G M F G E L L  
V K C F E D N G L L A D V L A E D G E G R V L V V D G G G S L R R A L L D A V  
V L L Q P D N W M M H V A A E Q L K K G D V L V V A C T S D C E R D A G F F G D L L  
V R L P G E N G A V L E A T R A A N E G D I L V I D A K G N T N R A V A G D F V  
V D T E G D N F P I H V A I Y Q G K P G D V L V V A G A N G Y T R A Y M G D L M  
V H S P G D N W M H V A I L A A K P G D V L V V Y A N G A Y D H G Y W G E V M  
V W R E D N K A I H E V I D H V Q P G D I L V I N G Q G A T N R A L I G E L I  
V Q I K D C A V L F K A L H D A A P G E V L V I D T D G G S A D V A F L G D I V  
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V F C E G D H L M M H A A I Y E A S P G D I V I K S D P Q F A C A G G N V  
I K V T A K Y H L G V Q A I D V J A N G P G D V L I I D N R G D L N N N C W G E L L  
V K C F E D S G L T R Q V A E R N G E G G V M L I D G G G S L R R A L L V D A D I  
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V K C E P D H L M L H A A I Y R A S P G D I L V V E A D D E F A V A G G N V  
V K C T R S N T Y L H D A I Y R A P A G S I I V A E T D A N D Y A V A G G N V  
V S C Y E D N N P L V R A A L E E M A Q P G R G R V L V D G G A S T R C A L L G D N L  
V K V A E D N L M F H K A M D M A Q P G D V F M I D A G G C T E R S I L F G E L M  
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V R C F R D N G L V K L L A N S S G N G D I L V V D G G G S L A S A L L M G D Q I  
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I D I A V E N H W E G L I Y G A V R Q V D Y L A D A Q I G I Q A L A A I P V G  
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A T A L Q S R G V R G L V I D A G V R D V A E L N D M G F P V W S T A V S A Q G  
A S A I I Q N G W A G V V I H G V I R D R E Q L A E M D L G V R A L G S N P R K  
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I G M M Q K L D I G G L V V N G A I R D K E A V L A L D F P V F V T G I T P A A  
T L A G L T K G L A G V V V C G A V T D V V A L E R T H R L P V F S R S I S A F T  
G L A Q N R G I R G M V I D G A G R D T D E L R D I N W P I W T R A I T P R G  
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L A Q A A R R G V A G T V I H G A I R D A A A I L R A N A P L P V F A G A G V T H R G  
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L Q D L P V S L L E D A L G L P D T T L A D P C V R L L A G H A T R I L A R A H T  
V S D V L D E F G L P E G T V A A S A L K G T L G D A T R I V G T A V T  
A F E N M T T G F V T D A L D G E G T L S I D I K P V I G D G R V V V G A A V T  
G L R A M C P Q A K F A G R A F T  
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L A G F S T C E I A D A L K H P S G G Y V P D L E R F S G S E K L V G E V I F T  
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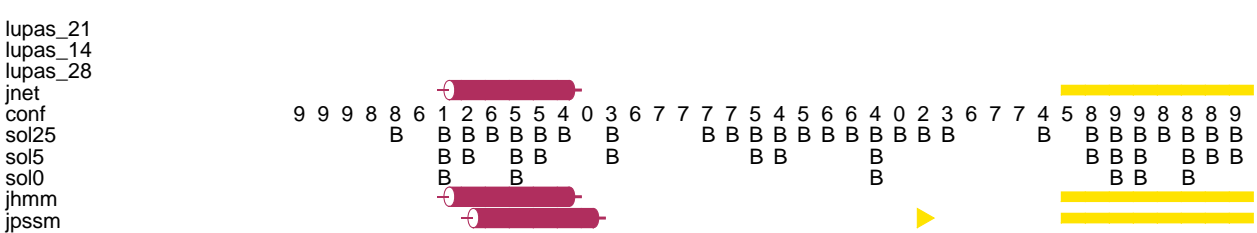
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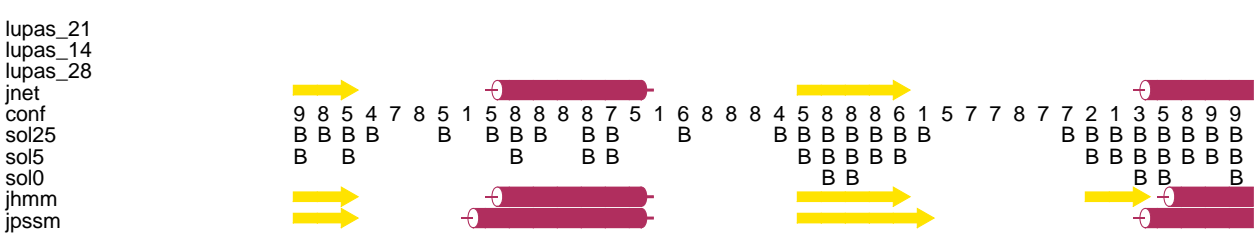
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UniRef90_M5C2F7        | V K M A P P L S I L P Q I I D A A P M G S I I V V S V P P N M N A A V W D N I M
UniRef90_Q2CKA5        |                               R H M A T G P R P A L A V V E D V D G D A V G A F W G E I N
UniRef90_E7QDS5        |                               M
UniRef90_UPI0004698745 | A K I A R R M D Y Y R H M A S G P R P A M A V V E D V D G D A I G A Y W G E I N
UniRef90_I3UHY1        |                               A F W G E V H
UniRef90_E5AUC3        |
UniRef90_N1PMI6        |
UniRef90_Q0UPH1        | V P G G A A P T A G L L G D I V
                          | V I S Q P V G Q S C A V V G G I M

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UniRef90\_UPI000362B113 C Y N K E V Q P T A E V L Q L A E E N R R E G G V V V C D D S G C T L I  
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UniRef90\_C6D747 I A D V T M V G M N V P A R I G R A V C L P G D V V L G T P A G V I F I  
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UniRef90\_S6JRE2 T G S Y R V K S V G D S C M I D G C L I K T K D V I I S D A N G T V I L  
UniRef90\_A0A011F6U2 S G C M K V D S V G Q G C I V N N H F V N Q G D L I I G D G S G V I S V  
UniRef90\_UPI0002625807 H A W V H L V D W G Q S V T V H G M D V E D R D L I H A D M H G A V V V  
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UniRef90\_Q0UPH1 A G A E T F H A R N V A V K I G E T T V E A G D I I M I D E N G V V A V

