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UniRef90_UP10003F49322	Q	A	S	N	M	L	T	A	E	E	Y	G	T	A	S	N	K	S	R	V	N	R	Q	S	V	L	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	N	
UniRef90_Q5GJ72	M	V	S	K	K	L	T	Q	E	▀	S	S	A	Q	S	N	K	S	R	V	N	R	T	S	V	L	S	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	R
UniRef90_H8ZF15	R	A	N	K	M	L	T	D	E	Y	G	T	A	S	N	K	S	R	V	N	R	L	S	V	L	G	A	I	T	S	█	T	Q	Q	R	L	K	L	I	P	
UniRef90_F2SN5D	Q	V	V	S	L	E	S	S	E	D	G	T	A	S	N	K	S	R	V	N	R	L	S	V	L	S	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	D	
UniRef90_Q3IU4F	D	V	V	Q	H	V	T	Q	E	H	S	E	A	S	N	K	S	R	V	N	R	Q	S	V	L	A	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	D	
UniRef90_UP100044125A9	R	A	T	A	M	L	T	Q	E	H	G	A	A	N	N	K	S	R	V	N	R	L	S	V	L	G	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	A	
UniRef90_A0B628	D	V	M	A	Q	L	R	E	E	H	G	Q	A	A	N	N	K	S	R	V	N	R	Q	S	V	L	D	A	I	S	█	A	M	R	L	K	L	I	P		
UniRef90_Q5GJ69	I	I	V	K	K	V	T	Q	E	H	S	E	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	A	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	D
UniRef90_E6N6D1	D	V	V	Y	N	M	L	R	Q	E	Y	G	T	A	S	N	K	S	R	V	N	R	Q	S	V	L	T	A	I	T	S	█	T	Q	Q	R	L	K	L	F	D
UniRef90_B0ED90	U	N	I	N	M	L	T	Q	E	H	S	E	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	A	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	H
UniRef90_U1M157	D	V	V	A	H	V	T	Q	E	H	S	E	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	D	A	I	S	█	K	S	L	R	L	K	L	Y	S	
UniRef90_Q2FS61	D	V	T	A	Q	L	R	D	E	F	G	Q	C	A	N	N	K	S	R	V	N	R	Q	S	V	L	A	A	I	T	S	█	T	Q	Q	R	L	K	L	I	P
UniRef90_F2WL95	R	A	M	T	M	L	T	N	E	Y	G	T	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	G	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	T
UniRef90_M0MCR0	D	I	V	A	H	V	N	E	E	Y	S	E	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	D	A	I	S	█	K	D	R	L	K	R	Y	D		
UniRef90_R4VY10	E	V	A	H	V	T	Q	E	H	S	E	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	D	A	I	S	█	K	D	R	L	K	R	Y	E			
UniRef90_M3X6E1	Q	V	A	K	V	L	A	D	E	Y	G	T	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	W	A	I	T	S	█	T	Q	Q	R	L	K	L	Y	N
UniRef90_S9VKA4	I	M	V	N	K	L	N	T	E	Y	G	T	A	S	N	N	K	S	R	V	N	R	Q	S	V	L	T	A	I	T	S	█	T	Q	Q	R					

QUERY			90										100										110										120									
	T	F	P	P	D	N	G	M	V	V	F	S	G	A	V	D	S	G	G	R	T	D	M	V	T	E	V	L	E	S	P	P	Q	P	I	E	S	F	R			
UniRef90_M8A3D8	R	V	P	P	N	G	L	L	V	V	Y	T	G	T	V	V	T	D	D	G	K	E	K	K	V	T	F	D	F	E	P	F	R	P	I	N	A	S	L			
UniRef90_R4X922	R	V	P	K	N	G	L	V	V	Y	C	G	T	I	M	T	D	E	G	K	E	K	R	K	L	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_A0A058ZBF9	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	A	I	N	T	S	L				
UniRef90_O16520	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_E124D8	R	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_E4X7V3	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_M2WXY8	R	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	N	K	E	K	K	M	N	I	S	F	E	P	F	K	P	I	N	T	S	L					
UniRef90_S8GDK5	K	T	P	P	N	G	L	V	V	Y	C	G	T	I	I	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	A	V	N	T	S	L				
UniRef90_D2V1R5	R	V	P	E	N	G	L	V	V	Y	S	G	T	V	L	T	E	D	G	K	E	K	K	R	V	T	Y	D	M	E	P	F	K	P	I	N	T	S	L			
UniRef90_S2K930	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	H	K	P	I	N	T	S	L				
UniRef90_UP100044084B2	R	V	P	P	N	G	L	V	V	Y	C	G	T	I	V	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	H	K	P	I	N	T	S	L				
UniRef90_B6JVD1	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_R1FFU9	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	D	E	N	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_R7QAN7	K	V	P	D	N	G	L	V	V	Y	C	G	T	I	M	N	D	Q	N	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_X6MFL7	K	V	P	K	N	G	L	V	V	Y	C	G	T	I	M	T	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_T0QQQ7	K	C	P	P	N	G	L	V	V	Y	C	G	T	I	C	M	T	E	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_A4RXH2	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	N	L	T	E	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_D8M041	R	V	P	P	N	G	L	V	V	Y	C	G	T	I	N	D	D	G	K	E	K	K	M	N	I	S	F	E	P	F	R	P	I	N	T	S	L					
UniRef90_Q75715	Q	L	P	P	N	G	L	V	V	Y	C	G	T	I	M	T	E	E	G	K	E	K	K	M	N	I	D	F	E	P	Y	K	P	I	N	T	S	L				
UniRef90_A0A023BAB4	R	T	P	P	N	G	L	V	V	Y	C	G	T	I	L	D	P	K	E	K	K	M	N	I	D	F	E	P	F	K	P	V	N	T	S	L						
UniRef90_F4Q2P7	R	V	P	E	N	G	L	A	V	Y	C	G	T	I	L	D	P	K	E	K	K	M	N	I	D	F	E	P	F	K	P	N	V	S	M							
UniRef90_UP10002C30771	K	V	P	P	K	G	L	V	V	Y	C	G	T	I	S	E	D	R	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L					
UniRef90_L8GT61	K	V	P	D	N	G	L	V	V	Y	C	G	T	I	I	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_K8EC45	R	V	P	D	N	G	L	V	V	Y	C	G	T	I	L	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_M1UT98	K	V	P	N	G	L	A	V	Y	C	G	T	I	L	T	D	K	G	E	K	K	M	N	I	D	F	E	P	H	K	P	I	N	T	S	L						
UniRef90_Q5DRQ1	K	T	P	T	N	G	L	V	V	Y	C	G	T	I	L	V	T	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	R	S	L				
UniRef90_R4Y9J6	R	M	P	N	G	L	V	V	Y	C	G	T	I	L	V	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	H	R	P	I	N	T	S	L				
UniRef90_W9QWV0	E	V	S	N	G	L	A	V	Y	C	G	T	I	L	V	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_U1PTT9	I	K	A	P	D	N	G	M	V	L	F	S	G	A	V	D	S	G	G	R	T	E	M	V	T	K	V	L	E	T	P	P	E	V	Q	S	F	R				
UniRef90_C9SPR8	K	V	P	P	N	G	L	V	V	Y	C	G	T	I	L	T	Q	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_Q9BMM3	N	R	L	P	A	N	G	L	V	Y	C	G	T	I	L	V	N	E	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_UP10003F49322	R	V	P	D	N	G	L	V	V	Y	C	G	T	I	L	V	N	E	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_Q5GJ72	F	T	P	T	N	G	L	V	V	Y	C	G	T	I	L	M	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	Q	S	L				
UniRef90_H8ZF15	K	V	P	D	N	G	L	V	V	Y	C	G	T	I	L	E	D	S	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_F2SN5D	R	V	P	P	N	G	L	V	V	Y	C	G	T	I	L	E	T	S	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_Q3IU4F	T	F	P	D	R	G	M	V	L	F	S	G	A	V	D	T	A	G	G	Q	T	D	M	V	T	E	V	L	S	P	D	P	Q	R	S	F	R					
UniRef90_UP100044125A9	R	V	P	A	N	G	L	A	V	V	F	G	T	I	L	T	D	E	G	K	E	K	K	M	N	I	D	F	E	P	P	E	P	V	N	T	V	F				
UniRef90_A0B628	R	A	P	E	N	G	V	V	L	F	I	G	A	V	D	I	G	G	N	R	T	D	M	Y	T	K	V	I	E	P	F	K	P	I	N	Q	S	A				
UniRef90_Q5GJ69	Y	T	P	P	N	G	L	V	V	Y	C	G	T	I	L	M	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	Q	S	A				
UniRef90_E6N6D1	N	P	G	P	T	G	L	V	V	Y	C	G	T	I	L	P	Q	N	S	G	Q	T	S	K	I	E	V	Y	H	V	I	P	P	E	V	T	T	F	L			
UniRef90_B0ED90	V	V	P	P	N	G	L	V	V	Y	C	G	T	I	L	V	Y	T	E	K	G	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L			
UniRef90_U1M157	T	R	P	E	N	G	L	V	V	Y	C	G	T	I	L	D	A	G	G	Q	T	D	M	V	T	R	V	L	E	S	P	Q	R	S	E	F	R					
UniRef90_Q2FS61	K	P	P	E	N	G	L	V	V	Y	C	G	T	I	L	M	D	D	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_S9VKA4	K	V	P	T	N	G	L	V	V	Y	C	G	T	I	L	V	N	E	E	G	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	S	R				
UniRef90_F2HI26	K	I	P	E	N	G	L	V	V	Y	C	G	T	I	L	D	S	S	N	K	E	K	K	M	N	I	D	F	E	P	F	K	P	I	N	T	S	L				
UniRef90_Q58239	E	P	L	E	K	G	V	V	Y	C	G	T	I	L	D	E	G	K	G	P	T	E	K	M	E	T	Y	V	I	E	P	P	E	P	I	T	S	Y	V			
UniRef90_E3GZH7	K	P	P	E	N	G	L	V	V	Y	C	G	T	I	L	M	P	G	G	P	T	E	K	M	E	T	Y	V	I	E	P	P	E	P	I	T	S	Y	V			
UniRef90_F4BTP4	K	P	P	E	N	G	L	V	V	Y	C	G	T	I	L	M	D	G	N	R	T	E	L	P	D	P	Q	R	T	P	Y	T	R	N	I	F	L					
UniRef90_H5SVY6	K	T	P	T	E	N	G	L	V	V	Y	C	G	T	I	L	P	T	N	G	L	S	E	V	V	K	I	A	F	E	P	P	K</									

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QUERY	
UniRef90_M8A3D8	Y H C D S A F [] T E P [] A E M [] G D
UniRef90_R4X922	Y [] C D N K F H T E P [] L N E [] L L E
UniRef90_A0A058ZBF9	Y M C D N R F H T E A L S E [] L L E D
UniRef90_O16520	Y [] C D N K F H T E A L Q G [] L L A D
UniRef90_E124D8	Y [] C C D N K F H T E A L N E [] L L E
UniRef90_E4X7V3	Y [] C D N K F H T E A L S D [] L T D
UniRef90_M2WXY8	Y [] C C D N K F H T E A L S S [] L M E E
UniRef90_S8GDK5	Y [] C C D N K F H [] E A L A E [] L L E
UniRef90_D2V1R5	Y [] C C D N K F H [] E P [] L Q E [] L L E
UniRef90_S2K930	Y [] C C D N K F H T E A L S E [] L L E E
UniRef90_UP100044084B2	Y [] C C D N K F H T E A L S D [] L L Q Q D
UniRef90_B6JVD1	Y [] C C D N K F H T E P [] L A E [] L L E
UniRef90_R1FFU9	Y [] C C D N K F H T E A L Q E [] L L E E
UniRef90_R7QAN7	Y [] C C D N K F H T E A L A S [] L L E E
UniRef90_X6MFL7	Y [] C C D N K F H [] E P [] L N E [] L L E
UniRef90_T0QQQ7	Y M C C D N K F H T E A L G E [] L L Q Q D
UniRef90_A4RXH2	Y M C C D N K F H T A A L S D [] L L Q Q D
UniRef90_D8M041	Y [] C C D N K F H T E A L A E [] L L Q Q D
UniRef90_Q75715	Y K C C D N K F R T E V [] S E [] L L E E
UniRef90_A0A023BAB4	Y [] C C D S R F H [] E P [] M E E [] L L E D
UniRef90_F4Q2P7	Y [] C C D S K F H T K P [] L A E [] L L E E
UniRef90_UP10002C30771	Y [] C C D N K F H [] E A L N E [] L L E E
UniRef90_L8GT61	Y [] C C D N K F H T E P [] L R E [] L L E E
UniRef90_K8EC45	Y M C C D N K F H T E C [] L H D [] L L A
UniRef90_M1UT98	Y Y C C D S R F H [] E P [] M N [] L L E D
UniRef90_Q5DRQ1	Y Y C C G E R F D [] E P [] L K E [] L L E D
UniRef90_I4Y9J6	Y [] C C D N K F H T E A L Q E [] L L E E
UniRef90_W9QVW0	Y [] C C D G R F H T E A L N D [] L L E E
UniRef90_U1PTT9	Y H C C D S D F [] T E P [] E E M M G D
UniRef90_C9SPR8	Y [] C C D N K F H T E A L S E [] L L E E
UniRef90_Q9BMM3	Y [] C C D N K F H T Q P [] L K D [] L L E E
UniRef90_UP10003F49322	Y M C C D S R F H [] E A L E E [] L L E E D
UniRef90_Q5GJ72	Y F C C D N S F H T D P [] S V L [] L L E D
UniRef90_H8ZF15	Y [] C C D S K F H [] E D L I N S [] L L E D
UniRef90_F2SND5	Y [] C C D N K F H T E A L S E [] L L E E
UniRef90_Q3IU4	Y H C C D S H F [] T E P [] L Q E M [] G D
UniRef90_UP100044125A9	Y F C C G N R F H T D E L R K [] L L E E D
UniRef90_A0B628	Y H C C D S S F [] L L T P [] L E E M [] S E D
UniRef90_Q5GJ69	Y Y C C D N R F H T D P [] L Q [] V L L D D D
UniRef90_E6N6D1	Y R C C D S R F H T E P [] L K E [] L L R E
UniRef90_B0E9D90	Y [] C C D N R F H T E A L N D [] L L Q [] D
UniRef90_U1M157	Y H C C D A E F [] L L E P [] L A E M [] M T D
UniRef90_Q2FS61	Y R C C S S R F E [] L E P [] L R E M [] L E E
UniRef90_F2WL95	Y A C C D S [] V F H T E C [] L K E [] L L Y D D
UniRef90_M0MCR0	Y R C C S S E F V T E P [] L E E M F T D
UniRef90_R4VY10	Y H C C D S N F [] L T G P [] L E Y M [] L A D
UniRef90_M3X6E1	Y [] C C D N K F H T E A L T A [] L P [] S D
UniRef90_S9VKA4	Y [] C C D N K F H T E E L H R M [] L E E
UniRef90_F2HI26	Y [] C C D N K F H T K A L R S [] L L K
UniRef90_Q58239	Y R C C D S E F Y [] L E P [] L E E F [] L E E D
UniRef90_E3GZH7	Y H C C N S K F Y L E P [] L K E M [] L E E D
UniRef90_F4BTP4	Y H C C D S S F Y [] L E P [] L E E M [] L M A D
UniRef90_H5SVY6	Y R C C D D H F H T E [] L K D M [] L K E D
UniRef90_Q9BMX3	Y F C C G G K F Q T E P [] L L S [] L L A D
UniRef90_A5ULL8	Y Q C C N N E F F L E P [] L E Y M [] I E E
UniRef90_Q9GP31	Y [] C C D N K F Y T K P [] L F E [] L L E D
UniRef90_A2STL7	Y R C C S S T F E [] L E P [] L K A M [] L D D
UniRef90_A7I4Y1	Y R C C S S N F E L E P [] L K Q M [] L E E E
UniRef90_Q8TUM4	Y H C C D S S F Y L E P [] L E D M [] L K D E
UniRef90_B5IGK7	Y K C C D S K F Y L E P [] L K A M [] L G E
UniRef90_Q9U8U5	Y F C C D S K F H V D E L V G S [] L L E D
UniRef90_Q5CD96	Y R C C D S V F H T E E V K K L L L E D
UniRef90_Q9NCP1	Y [] C C D S K F H T E H L R E [] L L E D
UniRef90_Q12V98	Y H C C D S S F F [] L T P [] L E D M [] L K E
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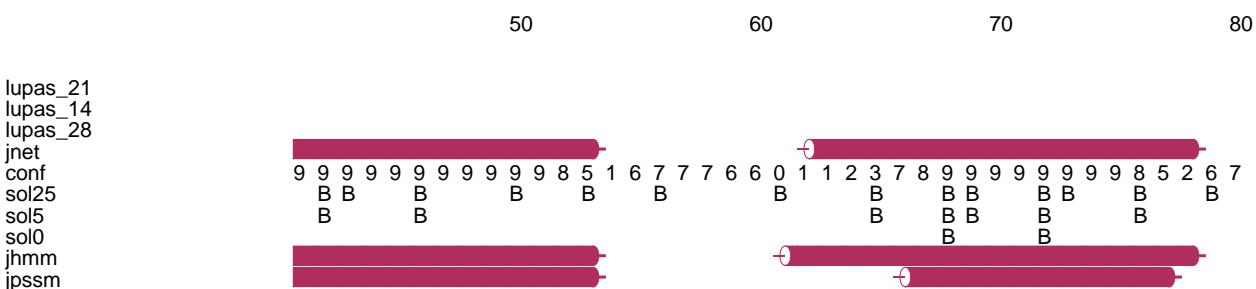
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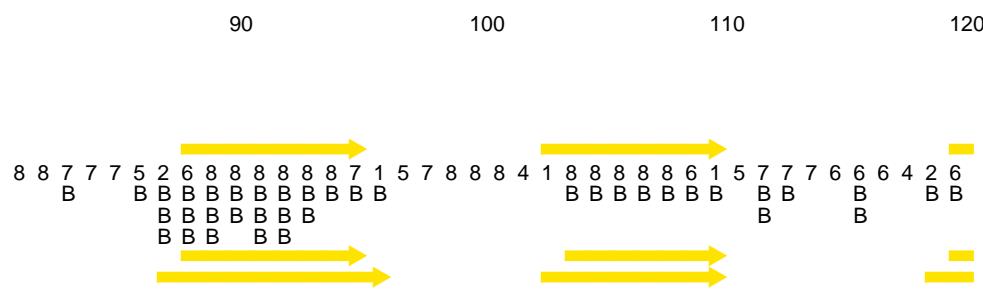
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