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

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UniRef90_UPI000409E516 D H V K V L
UniRef90_K2Q1M5 S E N I F M Y R P
UniRef90_H9LCP7 S E H I T L V N T M S N T V Y D V
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UniRef90_A7NJD5 D H V T V L
UniRef90_N6VWL1 S D H V T L V N T M T E
UniRef90_F9Z4L6 S E K V F M Y K P
UniRef90_Q4FP67 K D V R T F D P M K N K F I T
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UniRef90_R6SFZ6 Q H V K I R I P K T K Q G R T
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UniRef90_W7IU49 D H V T V L Y P V K
UniRef90_A3IZQ6 D E N
UniRef90_Q1YEU1 G P R V I L Y D Q M K D K
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UniRef90_S3B177 S D R V T V
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UniRef90_I4C6R5 S D G I S M W D P
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UniRef90_UPI00035F8EA8 S N V F M Y R P R H G G Y D I
UniRef90_W8ZH26 S E Q V T I A V T R K G V
UniRef90_UPI0004683667 D N I T V
UniRef90_R4VA03 G D V T L L N T M S N
UniRef90_UPI00036173C9 E Q I T I V N T M P N A F R K
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UniRef90_I0JPM8 D R V S V S L T K K G I T
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UniRef90_K0TBB0		E	P	L	L	L	I	D	A	S	G	A	Y	I	F	R	A	F	H	A	L	P	P	L	H	H	S	D	G	T	P							
UniRef90_E8T6I3		D	R	R	L	L	L	I	D	G	T	G	L	A	F	K	A	F	H	A	L	P	P	L	H	H	S	D	G	T	P							
UniRef90_M2YH79		E	R	P	E	R	V	L	L	L	I	D	G	T	G	L	A	F	H	A	L	P	P	L	H	H	S	D	G	T	P							
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UniRef90_D5H9Q2	M	S	P	P	D	A	A	P	D	D	L	L	L	V	D	A	M	S	L	A	Y	R	A	F	H	Y	I	F	I	S	R	G	Q	N				
UniRef90_D9RYG6		K	K	I	M	L	I	D	G	N	S	L	I	H	R	A	F	H	A	L	P	P	L	M	T	S	K	G	V	H	P							
UniRef90_C9KK00	E	H	S	S	E	Q	K	R	F	L	L	V	D	G	N	S	L	I	F	R	A	F	Y	A	L	P	P	D	L	S	D	S	H	G	Q	P		
UniRef90_S3FIH4		N	K	L	L	L	L	D	G	N	S	L	I	T	Y	R	A	F	F	A	L	P	P	M	T	D	A	S	G	G	R	N	P					
UniRef90_H1XRH0		S	K	K	L	F	L	I	D	G	S	A	M	Y	R	S	Y	F	A	F	S	R	N	P	L	I	N	S	K	G	E	N	P					
UniRef90_M1ZXJ4		N	K	E	R	L	L	L	I	D	S	N	S	L	L	N	R	A	F	F	A	L	P	D	L	M	T	G	E	G	I	H	P					
UniRef90_W1U4J3		K	P	R	L	L	V	I	D	G	N	S	L	L	Y	R	A	F	F	A	L	P	A	L	T	D	P	Q	G	N	P	P						
UniRef90_R7J3M2		D	D	K	L	F	L	L	D	A	Y	A	L	I	Y	R	A	F	Y	A	L	I	N	S	P	R	T	T	S	D	G	R	N	P				
UniRef90_M5DG23		K	T	L	L	L	V	D	G	S	S	Y	L	Y	R	A	F	H	A	L	P	D	L	R	N	R	N	S	N	E	P	P						
UniRef90_U7P9N0		T	D	M	K	K	I	F	L	L	D	A	Y	A	L	I	Y	R	A	F	I	S	A	P	R	I	N	S	K	G	R	N	P					
UniRef90_S0J6J6		S	K	K	I	V	L	I	D	G	H	S	L	I	N	R	A	F	F	G	I	P	D	L	T	N	T	E	G	L	H	P						
UniRef90_E3PRM3	E	D	I	M	D	K	L	L	L	I	D	G	N	S	L	M	N	R	A	F	Y	A	L	P	E	L	M	N	K	K	G	Q	H	P				
UniRef90_C2FSE3		K	K	L	F	L	L	I	D	G	M	A	L	L	Y	R	A	F	F	A	L	S	K	T	P	R	L	T	S	N	G	L	N	P				
UniRef90_P52026		K	N	K	L	L	V	I	D	G	N	S	V	A	Y	R	A	F	F	A	L	P	P	L	H	N	D	K	G	I	H	P						
UniRef90_H8GM18		P	K	R	L	L	V	I	D	G	N	S	F	L	Y	R	A	F	H	A	L	P	P	L	T	S	P	Q	G	L	L	A	P					
UniRef90_R6B617		D	S	N	R	L	L	I	D	G	N	S	I	M	N	R	A	F	Y	G	I	M	S	S	K	S	L	M	S	A	G	K	Y	P				
UniRef90_W0SL10		P	T	L	L	L	V	D	G	S	S	Y	L	Y	R	A	F	H	A	L	P	D	L	R	T	A	A	G	E	P	P							
UniRef90_UPI000310B62B		T	S	K	Q	K	L	V	L	I	D	G	N	S	L	I	R	A	F	F	A	L	P	L	L	S	N	D	S	D	K	G	V	I	P			
UniRef90_R4KNA5		N	K	F	L	L	I	D	G	N	S	L	I	H	R	A	F	H	A	L	P	Q	L	S	T	S	D	K	G	V	I	P						
UniRef90_R5CL99		D	K	L	F	L	F	D	A	Y	A	L	I	Y	R	S	Y	A	F	I	K	N	P	R	I	N	S	K	G	L	N	P						
UniRef90_UPI000428EA65		R	L	L	L	I	D	G	H	S	M	A	F	R	A	Y	A	L	P	V	D	S	F	T	T	S	T	G	Q	A	P	P						
UniRef90_C8PXQ5	N	T	D	K	P	F	L	L	V	D	G	S	Y	M	F	R	N	F	H	A	L	P	V	T	M	Q	T	S	Q	G	L	H	P					
UniRef90_S2DFV3	M	S	S	K	G	D	K	K	L	F	L	L	D	A	M	A	L	I	Y	R	A	F	H	F	A	F	S	K	N	P	R	I	N	S	K	G	L	N
UniRef90_F4LWF3		K	K	M	L	L	I	D	G	N	S	L	L	H	R	A	F	H	A	L	P	P	L	R	T	S	S	K	G	V	L	H	P					
UniRef90_I0R3L7		K	K	L	V	L	I	D	G	H	S	L	N	R	A	F	Y	G	I	V	P	P	E	L	S	N	S	Q	G	L	H	P						
UniRef90_D1BM52		K	K	L	M	I	I	D	G	S	S	L	L	F	R	A	F	F	A	L	P	P	L	K	S	A	L	G	T	P	P							
UniRef90_S6FAS2		E	R	L	L	L	I	D	S	N	S	L	L	N	R	A	F	Y	A	L	P	P	L	T	T	S	D	G	T	H	P	P						
UniRef90_R6N837		R	E	K	L	L	L	I	D	G	H	S	L	N	R	A	F	Y	G	I	P	D	L	T	N	A	E	G	L	H	P	P						
UniRef90_R1ARS6		D	K	K	L	M	I	L	D	G	N	S	L	L	Y	R	A	F	F	A	L	P	P	L	T	T	K	D	G	V	Y	P						
UniRef90_W7WEW6		L	L	L	L	V	D	G	N	S	Y	L	Y	R	A	F	H	A	L	P	D	L	R	N	S	P	A	G	E	P	P							
UniRef90_K8EEW2		D	T	L	I	V	V	D	G	N	S	L	I	H	R	A	F	H	A	L	P	L	L	S	N	S	Q	G	V	V	P	P						
UniRef90_Q47UA6	S	N	N	S	Q	S	P	L	I	L	V	D	G	S	S	Y	L	F	R	A	F	H	V	P	Y	L	Q	A	L	S	T	A	D	G	Q	P		
UniRef90_A8FG44		T	D	K	K	L	V	L	V	D	G	N	S	F	L	Y	R	A	F	F	A	L	P	D	L	S	N	D	K	G	V	H	P					
UniRef90_UPI000380DBBD		P	K	K	L	L	V	D	G	S	S	F	L	Y	R	A	F	H	A	L	M	P	D	M	R	S	P	K	G	E	Y	P						
UniRef90_E3DNP8	S	E	N	K	E	Q	K	T	L	F	L	L	D	G	H	S	L	T	H	R	A	F	Y	A	L	P	L	L	T	N	D	Q	G	E	Y	P		
UniRef90_R5PJ21		N	K	L	L	L	I	D	G	N	S	I	M	N	R	A	F	Y	G	I	P	D	M	T	T	N	D	G	R	H	P	P						
UniRef90_Q1QDQ1		D	K	N	Q	P	F	I	L	V	D	G	S	Y	L	F	R	T	Y	H	A	L	P	K	T	M	Q	N	S	Q	G	L	V	P				
UniRef90_F9D3A1		K	L	F	L	F	D	A	Y	A	L	I	F	R	S	Y	A	F	I	N	R	P	T	I	N	S	K	G	F	N	P	P						
UniRef90_R41184	M	S	Q	I	T	E	K	S	L	I	L	V	D	G	S	S	Y	L	Y	R	A	Y	A	L	P	S	L	H	N	S	A	G	E	P				
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UniRef90_F1W332		Q	N	T	L	L	L	V	D	G	S	S	Y	L	Y	R	A	F	H	A	L	P	D	L	R	N	K	E	G	A	P	P						
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UniRef90_D7UYX3		N	K	L	L	L	I	D	G	N	S	I	A	N	R	A	F	Y	A	L	P	L	L	N	N	D	K	G	V	Y	P	P						
UniRef90_K0P2A0		P	T	P	H	K	L	F	L	L	D	G	M	S	L	I	Y	R	A	H	F	A	L	G	K	A	A	T	T	A	Q	G	I	K	P			
UniRef90_S9UDE3	E	V	Q	L	N	D	N	K	E	Q	R	L	L	V	D	G	M	A	L	L	F	R	A	F	A	T	A	Y	G	G	R	M	K	D	G	T	P	
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UniRef90_UPI00047BF232		P	T	L	L	L	V	D	G	S	S	Y	L	Y	R	A	F	Y	A	L	M	T	H	L	S	A	P	D	G	T	P	P						
UniRef90_F8FJA2		K	L	V	L	I	D	G	N	N	I	A	Y	R	A	F	F	A	L	P	P	L	L	S	N	S	K	G	L	H	P	P						
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UniRef90_R6QV00		N	K	L	L	L	I	D	G	H	S	L	N	R	A	F	Y	G	V	I	P	P	L	T	N	F	E	G	L	H	P	P						
UniRef90_A8USN7		I	Y	L	L	I	D	A	S	S	F	L	Y	R	G	F	Y	A	L	P	P	L	T	T	K	D	G	F	P	P								
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UniRef90_D7JDH2	M	T	T	V	Q	S	T	Y	D	K	V	F	L	L	D	A	Y	A	L	I	Y	R	S	Y	A	F	L	K	N	P	R	I	N	S				

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UniRef90_H9UMJ8 G S V R I L K P D K
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UniRef90_R6I901	S	G	E	E	M	A	D	K	F	L	V	I	D	G	S	S	L	I	H	R	A	F	F	A	L	P	P	L	M	T	K	Q	T	S	G	L	P	
UniRef90_U7QC56					I	L	V	D	G	H	S	L	A	F	R	A	F	Y	A	F	A	K	S	R	T	G	T	Q	D	T	S	G	L	P				
UniRef90_UPI00047141FD					K	K	I	V	L	D	G	N	S	L	L	A	Y	R	A	F	F	A	L	P	L	L	T	T	S	T	S	G	L	P				
UniRef90_V2VV64		P	P	F	V	L	V	D	G	S	Y	F	L	F	R	A	F	H	A	L	P	P	L	L	T	T	S	T	S	G	L	P						
UniRef90_V9G9X5	M	I	P	N	Q	Q	P	S	L	L	L	V	D	G	M	A	L	L	F	R	A	F	Y	A	T	A	S	S	G	R	R	T	K	S	G	L	P	
UniRef90_R6XYH3					N	K	L	L	L	D	G	N	S	I	I	N	R	A	F	Y	G	I	M	G	S	K	M	L	M	T	E	G	T	Y				
UniRef90_R5E1H7					D	K	L	L	L	D	G	H	S	I	L	N	R	A	F	Y	G	L	M	G	S	D	L	T	N	S	K	G	Q	H				
UniRef90_F4FWA3					K	K	L	L	L	D	G	N	S	I	A	F	K	A	F	Y	A	T	A	M	D	K	F	T	N	P	S	Q	G	L	H			
UniRef90_U4WVE4					H	F	V	L	I	D	G	N	S	I	A	N	R	A	F	Y	A	L	P	L	L	S	T	S	S	S	Q	G	L	H				
UniRef90_UPI00046E9915	M	S	A	K	A	A	P	P	F	V	F	V	D	G	S	A	Y	L	Y	R	A	F	H	A	L	P	P	L	S	T	S	S	Q	G	L	P		
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UniRef90_Q2JWV2		P	Q	T	L	L	L	V	D	G	H	S	L	A	Y	R	S	F	Y	A	F	A	H	S	R	E	G	T	S	T	G	L	P					
UniRef90_R7LNP3					K	K	L	L	V	D	G	N	S	I	M	N	R	A	F	Y	G	I	M	G	S	K	A	L	T	T	K	G	K	Y				
UniRef90_E0QLJ5					E	K	R	L	I	I	D	G	N	S	L	I	N	R	A	F	Y	A	V	P	L	T	D	K	N	G	M	H						
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UniRef90_D2AKW2					K	K	L	V	L	D	G	S	S	Y	L	F	R	A	F	H	A	L	P	H	L	T	N	S	Q	G	G	E	P					
UniRef90_U2TFZ1					K	K	R	F	V	L	D	G	S	S	L	I	F	R	A	F	Y	A	L	P	P	M	T	S	A	Q	G	Q	P					
UniRef90_W0TJA8					K	N	P	D	L	L	V	D	G	S	S	Y	L	F	R	A	F	H	A	L	P	P	L	T	N	S	R	G	E	P				
UniRef90_G9YMN7						K	L	M	V	I	D	G	N	S	L	I	N	R	A	F	Y	G	L	R	M	L	T	T	K	D	G	Q	P					
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UniRef90_C1DG03					P	L	V	L	V	D	G	S	S	Y	L	Y	R	A	F	H	A	L	P	P	L	A	T	S	G	G	T	P						
UniRef90_R5K4V0					K	K	I	L	L	D	G	H	S	L	N	R	A	F	Y	G	L	P	D	L	T	N	Y	E	G	L	H							
UniRef90_W7CUK3					K	K	L	L	L	D	G	N	S	L	A	Y	R	A	F	F	A	L	P	L	L	N	N	D	K	G	V	Y						
UniRef90_R4U519					N	K	I	L	L	D	G	N	S	L	I	F	R	A	F	Y	A	T	A	Y	S	G	E	M	L	K	S	G	T	P				
UniRef90_R5LC84					K	L	V	L	V	D	G	H	S	L	I	N	R	A	F	Y	G	V	P	L	F	T	N	S	E	G	L	H						
UniRef90_UPI00047B075F					K	L	L	A	I	D	G	N	S	I	V	N	R	A	F	Y	G	L	R	P	L	S	N	Q	H	G	F	P						
UniRef90_F4LK29	M	N	D	F	S	D	P	D	T	L	Y	I	L	D	S	Y	G	L	I	Y	R	S	Y	A	F	I	N	R	P	L	T	D	K	D	G	K	N	
UniRef90_R9C2N7		M	S	N	E	K	K	A	N	L	M	L	V	D	G	M	A	L	L	F	R	A	F	A	T	A	V	T	G	Q	Y	M	S	K	G	L	P	
UniRef90_V7HX16					E	K	L	L	L	D	G	N	S	V	T	F	R	A	F	Y	G	L	I	N	E	R	F	K	N	T	S	E	G	L	H			
UniRef90_U5N8L7					P	V	V	L	V	D	G	S	S	Y	L	Y	R	A	Y	A	D	L	R	A	P	G	D	P	A	S	P	P						
UniRef90_E0RNU2					K	P	L	F	L	I	D	A	Y	G	L	I	Y	R	A	F	A	L	L	R	A	P	M	R	T	K	D	G	R	N				
UniRef90_G8N805	M	L	P	L	F	A	P	K	G	R	I	L	L	V	D	G	H	S	L	A	Y	R	T	F	F	A	L	K	G	L	T	T	S	R	G	E	P	
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UniRef90_I7KSB6					S	N	K	L	L	L	D	G	M	A	L	L	F	R	H	F	Y	A	T	S	K	Q	F	M	R	N	S	S	G	T	P			
UniRef90_G5GC17					K	K	F	Y	L	L	D	A	Y	A	L	I	Y	R	A	Y	Y	G	L	I	R	S	P	R	I	N	S	S	K	G	Q	N		
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UniRef90_N9WKK7					E	K	L	L	L	D	S	N	S	L	M	N	R	A	F	F	A	L	P	Q	L	T	N	S	E	G	I	H						
UniRef90_D4TR36	D	Q	S	Y	P	T	I	L	L	V	D	G	H	S	L	A	F	R	S	Y	F	A	F	A	K	S	G	L	R	T	K	S	G	L	P			
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UniRef90_J9FZV2															M	I	Y	R	A	F	Y	G	F	I	K	N	P	R	I	N	S	K	G	F	N			
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UniRef90_UPI000475F940										M	I	L	V	D	G	H	S	L	A	F	R	A	F	Y	A	L	S	N	S	R	R	G	P</					

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D D Y K G R S K M P S E F S E Q F P F L K D L S G F G L A K S
E G Y K A T R K P A P D E L V P Q F D L I R D V M Q V M G V A V
K N Y K A D R P E P E D L I I D L G N L Q D L L K A F N L T V
P E Y K A N R A E T P E D I L L S V P Y V K R V L E A M C I P I
V N Y K S D R V I E T P E D F I L L D I Q N L L L S V P Y V K R V L E A M C I P I
K E Y K A T R K K Q P D E L Y A Q I P I I K E I V E A F N F P T
E G Y K A T R P M P D D L K I Q I P Y I K K I P A L G I P L
A E Y K G G R A K T P E E F R G Q I D L I K Q V A E G M N I A V
E Q Y K A N R P M P D E L R S Q V E P M C R I V E A L G I S L
S E Y K A N R G A P P E E L I P Q F D P Y V K K L L E A M D L P N
A D Y K G G R A K T P T E L S E Q F P Y V K K L L E A M D L P N
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P A Y K A N R G E P L V E L I P Q F D L V K E V V E E L D I P N
A G Y K A H R K E T P E T L R P Q F N Y L K E I L R V M A V P T
K E Y K A H R K K M P D E L I S Q I P L I K E I I N N Y N A I
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P E Y K A Q R E E T P Q G I T F A I P Y I K K L L E A Y R I P S
C E Y K A T R D K T P E D L H A Q I P I I E E I L T A L G I T L
D T Y K A G R P E T P A D F I P D L K N L Q R L L A A M N L C
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P E Y K A N R S Q P E M L I P Q L P I V R L A T K A F G T P S T
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P S Y K T H R V A D G S V E E E E V P D A L T P Q V P I I V D A L A L G I T R
P S Y K A H R M V T A V A V I G V D L E E V L V A Q V P M I R D A L A A F G I T L
A D Y K S N R E Q K E E N L Y Q Q I P V V K E Y C S L L G L S Y
P Q Y K M N R P R L P E D L L R Q F S P L R E A V S A L G I A S
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110
120

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UniRef90_K0N9E7		K	T	K	L	L	V	D	G	N	S	V	A	F
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UniRef90_U2VCM4	E	Q	R	R	T	A	I	I	D	G	N	S	L	M
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UniRef90_I0IKW7		N	P	I	L	I	D	G	S	F	Y	I	R	A
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UniRef90_D5UZU3		N	P	I	L	I	D	G	S	F	Y	I	R	A
UniRef90_E8Q796		T	L	M	L	D	G	A	S	L	W	F	R	S
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UniRef90_E5Y3T6	N	G	R	P	A	V	H	L	V	D	G	S	M	Y
UniRef90_I4WH67		K	L	F	L	F	D	T	A	S	G	L	T	Y
UniRef90_F7YV74		T	P	T	P	L	M	V	F	D	T	A	S	L
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UniRef90_UPI000466C1FA		M	L	L	D	T	A	S	L	Y	F	R	A	F
UniRef90_D2PMW3		K	K	L	V	V	D	G	N	S	L	L	F	R
UniRef90_Q7VRJ4	M	N	S	Q	S	T	H	N	P	I	L	L	D	G
UniRef90_R6S4N0		K	K	L	V	V	D	G	N	S	L	L	F	R
UniRef90_W9GAH9	D	A	P	A	S	K	L	L	L	D	S	A	S	L
UniRef90_U1ZS45		P	V	M	L	L	D	G	A	G	L	W	F	R
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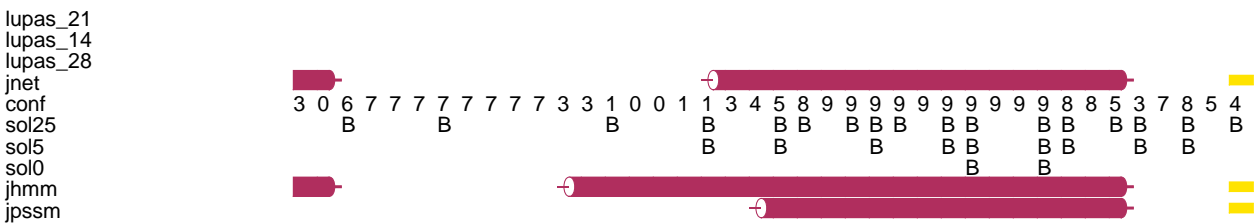

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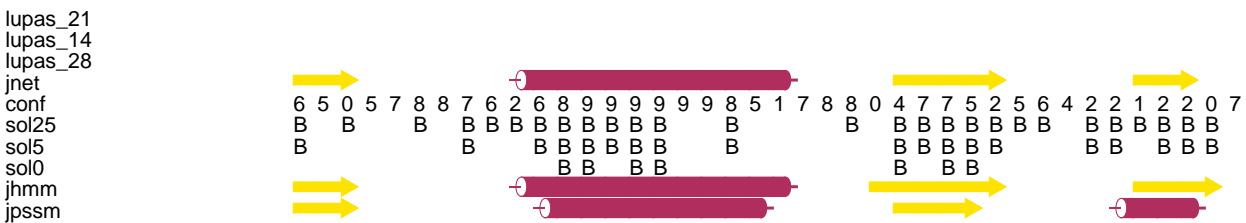
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