

QUERY	1	10	20	30	40																																											
UniRef90_E5AU35	V	F	K	K	V	L	L	T	G	T	S	S	T	E	E	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	V	D						
UniRef90_Q5NZD8	V	Y	K	Q	L	L	E	E	L	T	G	T	S	P	V	G	S	F	I	Q	H	I	A	I	E	N	A	A	E	K	A	S	R	T	L	L	R	N	L	H	W	F	E	V	T	T	D	
UniRef90_Q2SWV0	V	Y	K	L	L	E	E	L	T	G	T	S	S	P	V	G	S	F	I	Q	H	I	A	I	E	N	A	A	E	K	A	S	R	T	L	L	R	N	L	H	W	F	E	V	T	T	D	
UniRef90_D9W9J7	Y	R	K	V	T	E	E	L	V	G	T	S	S	T	S	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D			
UniRef90_L0DZY8	V	Y	K	M	L	V	E	L	T	G	T	S	S	S	K	Q	S	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_UPI0002557354	I	V	Y	R	K	V	T	E	L	V	G	T	S	S	S	K	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_C9Z4Y9	I	V	Y	R	K	V	T	E	L	V	G	T	S	S	S	S	D	E	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D
UniRef90_Q0A5Y0	V	Y	K	L	V	E	L	T	G	T	S	S	S	S	S	K	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_Q2LW31	V	Y	K	K	V	E	L	T	G	T	S	S	S	S	S	K	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_J3HWZ8	Y	K	V	I	E	L	V	G	T	S	S	S	S	S	P	T	G	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_B8EKL3	V	Y	K	V	V	E	L	T	G	T	S	S	S	S	P	V	G	S	F	I	Q	H	I	A	I	E	N	A	A	E	K	A	S	R	T	L	L	R	N	L	H	W	F	E	V	T	T	D
UniRef90_I9BRZ0	Y	K	L	I	E	L	V	G	T	S	S	S	S	S	P	V	G	S	F	I	Q	H	I	A	I	E	N	A	A	E	K	A	S	R	T	L	L	R	N	L	H	W	F	E	V	T	T	D
UniRef90_L0IU6	Y	R	L	I	E	L	M	V	G	T	S	S	S	S	P	D	S	I	I	D	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_W1NA29	V	Y	K	H	I	E	L	T	G	T	S	S	S	S	E	T	I	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_V5PVW2	V	Y	K	Q	I	E	L	T	G	T	S	S	S	S	E	T	I	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_D0L9W2	I	V	Y	K	V	V	E	L	T	G	T	S	S	S	T	T	T	T	D	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_Q1N3I9	V	Y	K	K	L	E	V	T	G	T	S	S	S	S	T	Q	T	S	T	D	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_H0QV95	V	Y	R	V	T	E	L	V	G	T	S	S	S	S	P	T	G	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_L0A2V6	V	Y	K	I	V	E	L	V	G	T	S	S	S	S	P	D	G	I	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_UPI0003B47EDA	V	Y	K	V	I	E	L	A	G	T	S	S	S	S	P	T	G	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_A1WUHO	V	Y	K	L	V	E	L	T	G	T	S	S	S	S	P	T	G	T	S	F	T	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_S9S183	Y	K	M	I	E	L	V	G	T	S	S	S	S	S	P	E	S	S	D	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_UPI000464A978	V	Y	K	L	E	L	A	G	T	S	S	S	S	S	D	K	I	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_U1ZIV6	Y	K	K	L	E	L	V	G	T	S	S	S	S	S	K	I	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_A0ADV2	Y	R	V	T	E	L	V	G	T	S	S	S	S	S	P	D	G	V	D	Q	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_G2GKA4	Y	R	V	T	E	L	V	G	T	S	S	S	S	S	P	D	G	V	D	Q	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
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UniRef90_Q825W5	Y	R	V	T	E	L	V	G	T	S	S	S	S	S	T	E	G	I	D	Q	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_V4QTT3	I	V	Y	K	V	V	E	L	V	G	T	S	S	S	P	E	K	S	S	D	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
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UniRef90_M5RJK1	I	Y	K	K	I	E	L	T	G	T	S	S	S	S	T	T	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_UPI0003622142	Y	R	V	T	E	L	V	G	T	S	S	S	S	S	Q	E	G	V	D	E	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
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UniRef90_S6ABR6	Y	K	L	I	E	L	V	G	T	S	S	S	S	S	R	N	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_M3CE94	V	Y	R	V	T	E	L	V	G	T	S	S	S	S	T	N	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_A4BL35	I	Y	K	L	I	E	L	A	G	T	S	S	S	S	P	T	S	I	E	E	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_N2J3I9	Y	K	K	L	E	L	V	G	T	S	S	S	S	S	T	T	S	V	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_Q1QJT1	V	Y	K	H	I	E	L	T	G	T	S	S	S	S	T	H	G	V	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
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UniRef90_UPI000479B78F	Y	R	V	T	E	L	V	G	T	S	S	S	S	S	P	T	S	V	E	A	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_F4CM51	V	Y	R	V	T	E	L	V	G	T	S	S	S	S	T	T	S	V	E	A	A	I	V	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_B0UGU2	I	V	Y	K	V	I	E	L	V	G	T	S	S	S	K	V	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
UniRef90_F9ZJ10	V	Y	K	V	I	E	L	V	G	T	S	S	S	S	T	Q	T	S	S	D	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D	
UniRef90_UPI000462EC0F	V	Y	K	K	I	E	L	V	G	T	S	S	S	S	K	T	S	I	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
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UniRef90_V2GRW6	Y	K	L	V	E	L	V	G	T	S	S	S	S	S	Y	K	L	V	E	D	A	A	D	D	A	A	D	R	A	E	D	T	L	L	R	N	L	V	V	W	A	E	V	T	T	D		
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UniRef90_G2F																																																

QUERY Q G V E I G A V E R T Y Q T E V Q V A F E L D
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UniRef90_V5PVW2 T R G H I E D G K V A H W Q V T L K V G V K L E E E
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UniRef90_UPI000376E8B0 I R G H F A D G Q V G H F Q V G L K V G F R R L E E E E
UniRef90_F6EJE6 I R G H I S D G Q V G H V Q V G L K V G F R R L E E E E
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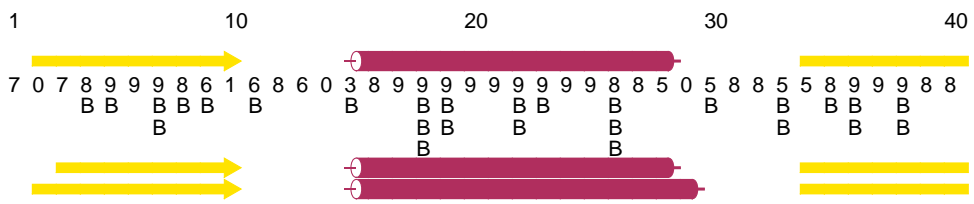
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