

QUERY	K	K	L	K	E	K	P	L	A	L	Q	R	R	R	V	I	R	K	F	L	60	K	D	Y	E	E	K	V	E	L	V	R	S	L	L	E	K	G	G	E	80						
UniRef90_UPI0004778CBA	L	E	L	S	K	S	L	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	N	F	E	E	K	V	E	L	V	R	S	L	L	E	K	G	G	E	80						
UniRef90_B7KA43	T	L	V	K	S	L	L	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	N	F	E	E	K	V	E	L	V	R	S	L	L	E	K	G	G	E	80						
UniRef90_L8M620	Q	K	L	K	A	L	L	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	H	K	P	P	F	F	E	E	A	V	L	C	K	L	L	L	H	K	S	S	R	T	S			
UniRef90_K1WLS8	H	Q	L	K	S	A	L	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	L	E	E	T	N	F	F	E	E	K	L	C	K	L	L	L	N	R	S	S	R	T	S			
UniRef90_UPI000360805D	K	I	L	Q	S	P	L	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	L	Q	A	P	N	F	F	E	E	A	L	T	E	N	L	L	L	N	R	S	S	R	T	S		
UniRef90_B7K1Y2	L	L	L	R	Q	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	S	F	F	E	E	K	L	T	A	L	L	L	N	R	S	S	R	T	S				
UniRef90_A0YYL5	L	L	L	R	Q	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	S	F	F	E	E	K	L	T	A	L	L	L	N	R	S	S	R	T	S				
UniRef90_K9TOW8	F	C	L	R	G	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	S	F	F	E	E	K	L	T	A	L	L	L	N	R	S	S	R	T	S				
UniRef90_M1X0F0	S	Q	L	R	G	N	T	P	M	A	L	K	R	R	R	V	I	R	K	F	60	H	H	P	P	F	F	E	E	K	L	R	V	L	L	L	N	R	S	S	R	T	S				
UniRef90_D7DZ64	P	I	L	K	R	V	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	K	P	N	F	F	E	E	K	L	R	V	L	L	L	N	R	S	S	R	T	S				
UniRef90_K9XPB2	I	L	L	Q	N	L	P	L	L	L	K	R	R	R	V	I	R	K	F	L	60	K	A	P	N	F	F	E	E	A	V	L	C	K	L	L	L	N	R	S	S	R	T	S			
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UniRef90_E0UED1	Q	I	L	R	G	L	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	K	A	P	N	F	F	E	E	A	L	V	N	L	L	L	N	R	S	S	R	T	S				
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UniRef90_T2JE49	E	V	L	K	G	V	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	A	K	P	N	F	F	E	E	E	V	N	L	L	L	L	D	A	S	P	R	T	S				
UniRef90_U9W3M1	S	R	F	Q	S	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	S	F	F	E	E	K	L	V	V	L	L	L	A	D	R	S	P	R	T	S			
UniRef90_B1WSG3	E	L	L	K	D	L	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	A	E	P	N	F	F	E	E	E	T	V	K	L	L	L	D	D	R	S	P	R	T	S			
UniRef90_D4TNJ9	D	L	L	K	Q	Q	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	E	P	N	F	F	E	E	K	I	R	D	L	L	L	L	D	R	S	Q	S	D				
UniRef90_K9TNI8	R	I	V	G	T	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	R	Q	P	N	F	F	E	E	K	M	T	A	L	L	L	N	Q	T	Q	T	D					
UniRef90_Q8DIH2	L	R	L	R	E	F	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	L	Q	P	N	F	F	E	E	A	V	R	A	L	L	L	M	T	T	G	S	Q	T	A			
UniRef90_K9YJL1	E	K	L	K	H	Q	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	L	G	Q	P	S	F	F	E	E	K	I	R	E	L	L	L	N	N	G	S	Q	T	A			
UniRef90_D8FV27	H	I	L	N	G	V	H	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	S	F	F	E	E	K	I	R	E	L	L	L	N	N	G	S	Q	T	A				
UniRef90_K9X7G9	R	V	L	R	T	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	S	R	K	V	L	Q	P	S	G	F	F	E	E	K	L	T	A	L	L	R	R	T	Q	T	D	
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UniRef90_R4KDK4	G	K	L	S	A	V	P	Q	A	L	L	R	R	R	V	I	R	K	F	L	60	A	W	S	E	L	N	Y	R	H	I	E	E	Q	V	L	A	L	L	I	N	G	G	Q	T	S	
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UniRef90_P74192	R	L	L	S	Q	K	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	S	P	N	F	F	E	E	Q	I	V	G	L	L	L	N	N	R	S	S	R	T	S			
UniRef90_L8LFS2	V	K	L	R	S	V	H	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	R	E	F	V	S	A	P	N	F	F	E	E	T	V	V	S	L	L	N	A	S	N	R	S	S	
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UniRef90_B4VMR1	L	L	L	R	Q	A	D	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	L	R	Q	P	N	F	F	E	E	A	V	R	Q	W	L	P	T	G	K	E	L					
UniRef90_C9RA09	E	P	L	K	T	L	P	L	L	L	A	R	R	R	V	I	R	K	F	L	60	A	Y	E	E	L	P	F	F	E	E	A	V	R	Q	W	L	P	T	G	K	E	L				
UniRef90_K9UAM8	T	I	L	Q	S	L	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	60	L	T	Q	P	N	F	F	E	E	T	I	V	L	L	L	N	R	T	R	T	S	S				
UniRef90_K9VUN8	V	V	L	R	D	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	N	F	F	E	E	Q	L	T	V	L	L	L	N	R	T	R	T	S	S				
UniRef90_UPI000466F166	P	P	L	Q	P	L	H	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	Q	Q	P	N	F	F	E	E	T	D	T	V	R	L	L	D	G	A	N	G	S	D				
UniRef90_K9Y7Q1	L	P	L	Q	T	A	P	L	L	L	K	R	R	R	V	I	R	K	F	L	60	L	T	Q	P	N	F	F	E	E	L	R	T	A	L	L	L	H	K	R	G	T	S				
UniRef90_A8UWH4	K	E	L	Q	G	S	H	V	A	V	L	Q	R	R	R	V	I	R	K	F	60	L	F	T	G	V	R	N	F	S	K	I	E	Q	L	T	A	L	L	K	R	G	G	E	V		
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UniRef90_K9XDF9	F	V	L	R	N	A	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	V	L	Q	K	P	N	F	S	H	I	E	K	L	T	T	L	V	N	H	S	Q	T	D			
UniRef90_D3EQC3	K	L	L	Q	T	I	P	L	L	L	Q	R	R	R	V	I	R	K	F	L	60	H	H	P	N	F	F	E	E	E	G	V	L	L	L	H	H	G	S	Q	T	S					
UniRef90_I7LKB3	S	K	F	K	K	L	N	I	A	L	L	Q	R	R	R	V	I	R	K	F	60	N	M	L	N	A	E	N	V	H	I	E	D	D	C	L	K	L	L	E	T	G	K	T	S		
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UniRef90_D3DKJ6	D	V	L	T	S	L	H	P	A	L	L	Q	R	R	R	V	I	R	K	F	60	L	G	L	R	D	L	R	K	I	D	Q	V	L	S	L	A	K	K	G	G	I	M				
UniRef90_L0K7P5	E	D	F	V	I	E	L	H	V	A	L	Q	R	R	R	V	I	R	K	F	60	L	R	E	A	I	K	T	L	Q	Y	Q	H	I	E	N	I	L	S	E	L	L	K	T	G	T	S
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