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UniRef90_UPI000380F9FD	M E V L T R E Q V F V N A Y H Y D A R N H E W E K E H G A P E S N A E V K F Q L I			
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UniRef90_SOJKR6	M E I I K R Q K P V E A Y H F D M R N P E Q E A E T K L N V G F A P L			
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QUERY

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T	T	S	D	P	E	E	N	S	I	I	G	A	R	L	E	F	Q	L	V	F	D	E	C	I	L	S	G	R	V	V	N	H	I	V	N	R			
T	T	S	D	P	E	E	N	S	I	I	G	A	R	L	E	F	Q	L	V	F	D	E	C	I	L	S	G	R	V	V	N	H	I	V	N	R			
T	T	S	D	P	E	E	N	S	I	I	G	A	R	L	E	F	Q	L	V	F	D	E	C	I	L	S	G	R	V	V	N	H	I	V	N	R			
T	T	S	D	P	E	E	N	S	I	I	G	A	R	L	E	F	Q	L	V	F	D	E	C	I	L	S	G	R	V	V	N	H	I	V	N	R			
T	T	S	D	P	E	E	N	S	I	I	G	A	R	L	E	F	Q	L	V	F	D	E	C	I	L	S	G	R	V	V	N	H	I	V	N	R			
T	T	S	D	P	E	E	N	S	I	I	G	A	R	L	E	F	Q	L	V	F	D	E	C	I	L	S	G	R	V	V	N	H	I	V	N	R			
T	T	S	D	P	E	E	N	S	I	I	G	A	R																										

QUERY	N	E	P	S	E	L	N	Q	E	V	E	T	L	A	R	C	L	M	N	R	L	T	Y	E	V	T	E	I	A	D	L	P	G								
UniRef90_T0TNB3	V	N	E	P	K	D	F	S	Q	E	E	A	E	T	L	A	A	P	L	L	D	T	L	Q	R	L	T	Y	E	V	T	E	I	A	L	D	R	P	G		
UniRef90_UPI0003818EA3	V	N	E	P	C	E	F	S	Q	E	E	V	E	G	L	A	A	P	L	L	D	M	L	H	R	L	T	Y	E	V	T	E	I	A	L	D	R	V	G		
UniRef90_J9YSX7	I	N	E	P	S	E	F	S	Q	D	E	V	E	N	L	A	A	P	L	L	E	L	V	K	R	L	T	Y	E	V	T	E	I	A	L	D	R	P	G		
UniRef90_UPI000380F9FD	V	E	S	P	S	E	F	S	Q	H	D	V	E	E	V	S	A	P	L	L	E	T	L	Q	R	L	T	Y	E	V	T	E	I	A	L	D	R	P	G		
UniRef90_G5JPT8	V	N	E	P	K	E	F	S	Q	E	V	Q	S	L	A	G	P	L	L	E	T	L	Q	R	L	T	Y	E	V	T	E	I	A	L	D	R	P	G			
UniRef90_E4L4R6	V	N	Q	P	S	E	F	K	Q	D	E	V	E	Y	L	A	E	P	L	L	D	M	V	Q	R	L	T	Y	E	V	T	E	I	A	L	D	R	P	G		
UniRef90_A4VUK3	V	E	E	P	T	E	F	T	D	E	E	K	R	V	L	V	I	E	P	L	L	D	I	L	K	R	M	T	Y	E	V	T	E	I	A	F	D	A	P	G	
UniRef90_UPI00035DB7FE	V	E	Q	P	S	E	F	S	Q	E	E	□	Q	E	I	S	A	P	V	L	M	L	R	R	L	T	Y	E	V	T	E	I	A	F	D	A	P	G			
UniRef90_UPI000370B438	I	N	Q	P	N	E	F	S	Q	E	E	A	K	D	L	A	S	P	V	L	D	L	I	L	K	R	L	T	Y	E	V	T	E	I	A	□	D	R	G		
UniRef90_UPI0003803A1E	V	E	G	P	N	E	F	S	Q	E	E	K	H	F	L	V	I	E	P	L	F	E	M	L	K	R	L	T	Y	E	V	T	E	I	A	F	D	A	P	G	
UniRef90_F9V9B7	V	K	E	Q	S	E	□	E	Q	E	E	M	A	Q	I	A	S	P	L	F	D	L	L	K	R	L	V	Y	E	T	T	E	V	A	□	D	Q	P	G		
UniRef90_I7L5C3	I	E	N	R	E	Q	□	D	Q	E	E	M	K	M	Q	E	L	A	S	P	L	F	D	L	L	K	R	L	T	Y	E	V	T	E	I	A	L	D	R	P	G
UniRef90_U5P3E9	V	S	E	P	S	E	F	S	K	E	V	E	E	L	A	R	P	C	L	N	M	L	R	L	T	Y	E	V	T	E	I	A	□	D	P	G					
UniRef90_S0JKR6	I	A	G	P	N	D	□	S	K	V	E	A	D	E	L	V	E	P	L	F	E	M	L	Q	R	L	T	Y	E	V	T	E	V	V	T	D	E	P	G		
UniRef90_UPI000382285F	V	N	E	P	S	E	L	S	D	E	K	R	M	L	A	L	P	L	F	D	M	V	N	R	L	T	Y	E	V	T	E	V	A	F	D	A	P	G			
UniRef90_D4MED1	I	E	K	Q	E	D	I	S	Q	E	E	V	D	E	L	V	I	R	P	L	F	S	I	V	E	R	L	S	Y	E	V	T	E	I	A	L	D	R	P	G	
UniRef90_F3Y9F8	V	I	K	A	Q	E	D	T	S	S	E	V	W	D	Q	L	A	A	P	L	F	D	I	I	V	K	R	L	V	Y	E	V	T	E	I	A	L	D	K	P	G
UniRef90_T0VGT9	V	R	S	G	E	D	L	S	K	A	E	T	D	R	L	V	I	E	P	L	F	D	I	I	V	K	R	L	T	Y	E	V	T	E	I	A	T	D	E	P	G
UniRef90_R2S5A0	I	T	Q	Q	E	D	L	T	K	E	E	I	D	I	I	V	A	P	L	F	D	I	I	V	E	R	L	S	Y	E	V	T	E	I	A	T	D	E	P	G	
UniRef90_R3WDV7	I	D	K	Q	E	D	L	T	Q	E	E	V	D	E	L	V	I	S	P	L	F	D	I	I	V	K	R	M	T	Y	E	V	T	E	I	A	□	D	Q	P	G
UniRef90_S4D320	I	A	G	K	D	D	V	T	Q	E	E	V	W	D	Q	L	V	A	P	L	F	D	I	I	V	K	R	M	T	Y	E	V	T	E	I	A	L	D	E	P	G
UniRef90_I4E0Q0	I	N	E	P	S	E	F	S	E	Q	E	E	V	D	E	L	V	I	R	P	L	F	S	I	V	E	R	L	S	Y	E	V	T	E	I	A	T	D	E	P	G
UniRef90_S0KSV6	I	E	S	Q	V	D	V	T	E	E	V	N	E	I	V	A	P	L	F	D	I	V	K	R	M	T	Y	E	V	T	E	I	A	T	D	E	P	G			
UniRef90_S0L7U1	I	T	K	A	E	D	I	S	K	E	E	A	D	D	L	V	A	P	L	F	D	I	I	V	K	R	L	T	Y	E	V	T	E	I	A	T	D	E	P	G	
UniRef90_E6LFQ9	V	T	K	T	E	D	I	S	K	E	E	V	W	D	Q	L	V	A	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	□	D	P	G	
UniRef90_R2SUW2	I	E	K	Q	E	D	I	S	Q	E	E	V	W	D	Q	L	V	A	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	□	D	P	G	
UniRef90_G4L8G6	V	Q	S	Q	D	D	L	T	R	E	E	I	D	E	L	V	I	R	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	T	D	E	P	G
UniRef90_S1NUC3	I	N	S	P	E	D	L	T	Q	E	E	S	E	L	V	I	R	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	T	D	E	P	G	
UniRef90_F2HJM7	I	K	E	Q	E	E	L	E	Q	E	E	L	A	Q	L	A	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	T	D	E	P	G		
UniRef90_UPI0002B9E3C1	V	N	E	P	N	E	F	S	Q	E	E	V	E	T	L	A	R	C	L	M	N	R	L	T	Y	E	V	T	E	I	A	□	D	P	G						
UniRef90_A8YUB0	H	G	D	G	S	D	I	S	S	A	D	W	Q	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	E	V	T	E	I	A	□	D	P	G			
UniRef90_R2QN6	V	E	T	K	D	D	L	T	E	S	E	I	A	E	L	V	I	R	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	□	D	P	G	
UniRef90_S1R5J3	I	T	S	P	D	D	L	S	H	E	E	S	E	E	L	V	I	R	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	T	D	E	P	G
UniRef90_R2SB48	I	I	R	N	G	S	D	M	N	E	A	E	A	N	E	M	V	K	P	L	F	D	I	I	V	R	M	T	Y	E	V	T	E	I	A	T	D	E	P	G	
UniRef90_R2SCJ2	V	E	A	Q	E	D	L	T	E	A	E	L	A	E	L	A	T	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	□	D	P	G		
UniRef90_F6CBG9	H	G	D	G	S	D	I	S	N	A	D	W	Q	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	E	V	T	E	I	A	□	D	P	G			
UniRef90_I7KMA8	G	E	G	D	D	L	D	P	N	D	Y	R	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	E	V	T	E	I	A	□	D	P	G			
UniRef90_R2SWR1	V	E	T	T	R	E	D	L	T	E	S	E	I	L	S	E	A	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	□	D	P	G		
UniRef90_J2Z4F7	N	G	T	P	D	D	L	A	A	D	M	Q	R	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G				
UniRef90_U4TPK8	F	G	E	A	S	D	L	P	P	E	E	L	E	K	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G			
UniRef90_R2RUD0	V	K	Q	Q	N	D	L	T	E	A	E	A	N	M	E	I	R	P	L	F	D	I	I	V	K	R	L	S	Y	E	V	T	E	I	A	□	D	P	G		
UniRef90_R4JZZ2	H	G	D	G	T	D	I	S	N	A	D	W	Q	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	E	V	T	E	I	A	□	D	P	G			
UniRef90_N2A3M9	G	K	G	D	D	L	E	S	N	D	Y	K	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G				
UniRef90_V6Q712	I	K	T	A	D	E	L	E	P	A	E	L	D	E	L	M	K	P	L	F	S	M	I	E	R	L	T	Y	E	V	T	E	I	A	□	D	P	G			
UniRef90_C5F4M2	F	G	E	A	N	E	L	P	Q	A	E	E	M	S	K	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G					
UniRef90_W7BKZ3	F	G	E	A	E	E	L	G	A	E	R	A	E	M	S	K	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G				
UniRef90_D3URR8	F	G	Q	F	S	D	L	A	I	P	D	V	E	G	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G			
UniRef90_I7LG67	G	E	G	D	D	L	D	Q	S	D	Y	K	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G				
UniRef90_W7C7G7	F	G	E	T	N	E	I	D	Q	A	T	A	Q	E	M	S	K	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G			
UniRef90_S5L087	F	G	D	F	S	D	L	E	A	V	D	V	E	G	L	S	N	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G			
UniRef90_UPI00046959F6	F	G	K	P	E	E	L	D	Q	K	E	L	K	K	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G			
UniRef90_M3J7K4	F	G	E	A	D	E	L	D	K	S	F	I	A	E	L	S	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G		
UniRef90_I7L5Z4	F	G	E	G	K	D	L	S	S	A	D	Y	Q	L	L	S	R	P	L	V	E	Y	I	E	T	L	T	Y	Q	V	T	E	I	A	□	D	P	G			
UniRef90_K8EPG8	F	G	V	P	S	E	I	A	V	E	D	M	R	E	L	S	R	P	L	V	E	Y	I	E	R	L	T	T	Y	Q	V	T	E	I	A	□	D	P	G		
UniRef90_UPI0004C23AC	V	D	K	P	S	E	L	E	A	V</td																															

lupas_21
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jnet
conf
sol25
sol5
sol0
jhmm
jpssm

QUERY	N	L	E	F
UniRef90_T0TNB3	N	L	E	F
UniRef90_UPI0003818EA3	N	L	E	F
UniRef90_J9YSX7	T	L	E	F
UniRef90_UPI000380F9FD	S	L	E	F
UniRef90_G5JPT8	N	L	E	F
UniRef90_E4L4R6	N	L	E	F
UniRef90_A4VUK3	N	L	E	F
UniRef90_UPI00035DB7FE	K	L	E	F
UniRef90_UPI000370B438	N	L	E	F
UniRef90_UPI0003803A1E	K	L	E	F
UniRef90_F9V9B7	N	L	Q	F
UniRef90_I7L5C3	S	L	E	F
UniRef90_U5P3E9	N	L	E	F
UniRef90_S0JKR6	K	L	N	F
UniRef90_UPI000382285F	D	L		
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UniRef90_F3Y9F8	Q	L	N	F
UniRef90_T0VGT9	Q	L	N	F
UniRef90_R2S5A0	K	L	N	F
UniRef90_R3WDV7	E	L	N	F
UniRef90_S4D320	K	L	N	F
UniRef90_I4E0Q0	N	L	E	F
UniRef90_S0KSV6	T	L	N	F
UniRef90_S0L7U1	K	L	N	F
UniRef90_E6LFQ9	D	L	N	F
UniRef90_R2SUW2	Q	L	N	F
UniRef90_G4L8G6	N	L	D	F
UniRef90_S1NUC3	N	L	E	F
UniRef90_F2HJM7	N	L	G	F
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UniRef90_R2QNN6	F	L	D	F
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UniRef90_R2SCJ2	S	L	D	F
UniRef90_F6CBG9	N	L	N	F
UniRef90_I7KMA8	N	L	N	F
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UniRef90_R2RUDO	K	I	N	F
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UniRef90_C5F4M2	N	L	Q	F
UniRef90_W7BKZ3	E	L	D	F
UniRef90_D3URR8	S	L	D	F
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UniRef90_W7C7G7	K	L	D	F
UniRef90_S5L087	S	L	D	F
UniRef90_UPI00046959F6	Q	L	Q	F
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UniRef90_Q3D0Z5	T	L	E	F
UniRef90_UPI000468B7A0	S	L	N	F
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UniRef90_E4SX14	N	L	D	F
UniRef90_UPI0002491345	S	L	N	F
UniRef90_W7CQB5	D	L	K	F
UniRef90_UPI000219733C	S	L	N	F
UniRef90_E3BRE9				
UniRef90_E3YM61	S	L	D	F
UniRef90_D1YHA2	N	L	S	F
UniRef90_D3HA91				

lupas_21
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 conf
 sol25
 sol5
 solo
 jhmm
 jpssm

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