

QUERY	1	10	20	30	40
UniRef90_UPI000380D94E	K K V E L R P L I G L T R G L P P T D L E T I T I D A R T H R R R L V E K A D E E				
UniRef90_A0A024J2F8	E L R P V I G L T R G L A T D I E T L T V N A R L H R Q L L E K A D E Q				
UniRef90_J5M536	D K L E R A V I G L T R G L P L A D L E E G L T V N G A H T H R N L V E K A D E E				
UniRef90_UP100037313B1	E K L E L R P V F G L T Q G L P T A D L E E T L T V D A R Q H R L L V D K A D E E				
UniRef90_U1X089	K P E I R A L F G L T K G L P K P Q L E E T L T V E A Q T H R I I L V D K A D E Q				
UniRef90_A0A024J381	E V E L L R P V I G L T R G L G R E D L E S L T V D A V E H R K L A A K A E E A				
UniRef90_Q1M989	E A V D L L R P L V G L L H G L P S P L V E R L T I D A R E H R D L L E R A E E R				
UniRef90_F7UHW9	D I D L L R P I I I G L L S N E P E Q V V E I L T V G A K K H R T L V D R A E E R				
UniRef90_W0WQL5	E D V E L L R P L V G L L A G V P E E R I I E G L T V E A K K H R D L L V E K A E E I				
UniRef90_A0A037XTD8	R D V E L L P P I V G L L S N E S E K T I I L T V G A K K H R K L L D R A E E R				
UniRef90_W6WN27	K I V L R P L I G L L I G Q P K D V I E R L T I E A S K H R S L V N E A E D E				
UniRef90_F8BQU2	N K L V L R P L I G L M S N Q P P E E V E R H V V L E E K H R R R L R D E A V V				
UniRef90_UP100036F65AD	E K L E L R P V F G W T Q G L P T A D L E E K L T I E A R D Y R S A L D Q A E E C				
UniRef90_Q1QF65		G L T Q P E E R L A I D A R E Y R A S V A L A E T V			
UniRef90_W0NHZ9					K A E E V
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UniRef90_A6UKH7					
UniRef90_L0LOG7					
UniRef90_K0P8Q7					
UniRef90_UP10003631EF0					
UniRef90_UP100037BD69					
UniRef90_P55408	A L P G L M Q				
UniRef90_K0PSF3					

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sol0
jhmm
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QUERY		50	60	70	80
UniRef90_UPI000380D94E	L F Q A L P E T Y K T G Q A C G G P Q H I R Y I E A S I E M H A Q M S A L N T L				
UniRef90_A0A024J2F8	L F Q A L P D D H R T G K A T G V Q H I E Y I E M I E M H A Q M S A V N T L				
UniRef90_J5M536	L F Q A L P E D K T G S G A A V G Q A Q H I E Y I E A C M D M H A Q M S V V N T L				
UniRef90_UPI00037313B1	L Y Q A L P Q D Y Q D G R A T G G A Q H I L K Y I E A T I E M H A Q M A S L N T L				
UniRef90_U1X089	L F Q A L P E K D K I P E M V G S A Q H I L D Y I I R A C M E M H A Q M Y A T N T L				
UniRef90_A0A024J381	L F G D L P E E Q R N G S S P G P A Y L G Y V K A M I A M H A Q M T A L S S L				
UniRef90_Q1M989	L F N E L P A D V K A G K E L V G D T H I A Y L E A T I E M H A Q M S A L T T L				
UniRef90_F7UHW9	M F Q V A H A G D R S D E K E P S D A H I L A Y L E A T I E M H A Q M S A L T T L				
UniRef90_W0WQL5	L F Q N L P T N A Q G G I D G Y D A A Q I D Y F A A A I E M H A Q M S A L T T L				
UniRef90_A0A037XTD8	L F Q D V R A N E R K D E G E P D K A Y L A Y L D A T I E M H A Q M S A L T T L				
UniRef90_W6WN27	R F K N Q P G E M E I S E A R E A Y L S S S M I A V H A Q Q T V V S T L				
UniRef90_F8BQU2	L E S Q M G A A A G T E E S R S Y V S S A M I A L H A Q Q T V V S T L				
UniRef90_UPI00036F65AD	A H N A L A S R E K A A P A T V H A L H G E Y V R Q M L A H S A K Q F L V A T				
UniRef90_Q1QF65	L Y Q A L P T R E L V A A G A D A G A E H Q R I H Q H A E A E H R A R Q L V L N N L				
UniRef90_W0NHZ9	L K G R A I A I L S T P K A V S V R R A Y A Y L E A T I E M H A Q M S A L T T L				
UniRef90_A0A011SSD1	A H Q Q W E Q A K S A P A T D R H E L Q R T Y L N A L K N H Q A Q M S L V A S L I				
UniRef90_A6UKH7	V Y E E A T T D P S V P A A V L K S L Q D E Y V A R Q K K S E A Q Q D E L S K I				
UniRef90_L0LOG7	T W T L A T A N A S T R S D V L K S L Q D E Y L L D R Q K K S E A Q Q E E L S E I				
UniRef90_K0P8Q7	A W V R A S E D P S I S S S V L Q T L Q N E Y L E R Q K R S E A Q Q E E L S A M				
UniRef90_UPI0003631EF0	A V Y E E W T R A S G D P S V S G A L Q D E Y V I A R Q N K S E A A Q Q E E V L S E I				
UniRef90_UPI00037BBD69	V Y E E A T T D D G S V V S T A V L K S L Q D Q Y F E R Q K K S E A A Q Q E E V L S E I				
UniRef90_P55408	A V Y E E W L R A S D P S I S G P L Q D E Y V I A R Q K R S E A A Q Q E E L S D I				
UniRef90_K0PSF3	A W M R A S E D S S I A N S V L E S L Q E E H F A R Q K R A A A Q Q D E L S D M				

lupas_21
lupas_14
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jnet
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sol25
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sol0
jhmm
jpssm

QUERY
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 UniRef90_P55408
 UniRef90_KOPSF3

I	S	I	L	G	F	I	P	K
V	G	V	L	G	Y	I	P	K
V	D	I	L	G	Y	I	P	K
L	T	I	L	G	Y	I	P	K
I	N	I	L	G	Y	I	P	K
L	G	V	L	G	Y	V	P	
L	H	I	L	G	Y	T	P	K
L	N	I	L	G	R	T	P	K
L	K	I	L	G	R	T	P	K
L	G	I	L	G	R	T	P	K
L	D	I	L	G	Y	I	P	
L	D	I	L	G	Y	L	P	
I	E	R	L	G	Y	V	P	
V	D	R	L	G	Y	V	P	K
L	K	V	L	G	R	T	P	K
T	D	R	L	G	Y	I	P	
I	D	A	L	G	Y	V	P	
V	D	A	L	G	Y	V	P	
L	D	A	L	G	F	V	P	
I	D	A	L	G	Y	I	P	E
I	D	A	L	G	Y	I	P	
L	D	A	L	G	F	V	P	
L	D	A	L	G	F	V	P	

lupas_21
 lupas_14
 lupas_28

jnet
 conf
 sol25
 sol5
 sol0
 jhmm
 jpssm

9	9	8	1	2	7	9	9	9
B	B	B	B	B	B	B		