

1 10 20 30

QUERY	P P G	T E L L Q G Y T V E V L R Q Q P P D L V E F A V E Y F T R L R E A R
UniRef90_G5C2I1	M P P G L K E L L Q G Y Y T V E V L R R Q P P D L L E F A V D Y F T R L R E A	
UniRef90_V9KD27	I P A G L T D L L Q G Y Y T V E V L R H R P P S D L V E F A I Q Y F T R L K E I R	
UniRef90_J3S434	I P A G L T E L L L Q G F T V E V L R H Q P A D L L E F A L Q H F T R L Q E E E	
UniRef90_UP100045D5669	I P P G L T D L L Q E F T V T V L R E K P A D L L V E F A A Q Y F T K L N E E S	
UniRef90_UP10003F0867E	I P P G L T E L L L Q G Y T V E V L R H R P P D L V E F A V E Y F T R L K E E K	
UniRef90_K7E9P6	V G L T E L L M Q D F T V L V L K E K P T D L V D F A A N Y F T K L K E E K	
UniRef90_T2MQQ3	V P A G F R N L L E G L A R E V L R E Q P T D V V A F A A Q Y F Q K L L E S R	
UniRef90_UP1000395AC82	V P R G F G N L L E G L T R E V L R E Q P E D I A T F A A V Y F T E L L K A R	
UniRef90_Q05AK7	V P P G L H D M L Q G F V V N V L R H R P P S D L I E F A A Q Y F S D L L D N R	
UniRef90_F6S8B5	V P T G L T D L L Q G D F T V A V L R E R P P D D L V S F A A D Y F N N L R E	
UniRef90_C3ZAG8	L P P G L R N L L E G L V M E V L R L Q P P D I V G F A A Q Y F Q T L L E Q R	
UniRef90_UP10003833961	I P P G L T D L L Q E F T V A V L R T R P S N L I E A F A A D Y F N N L N E K K	
UniRef90_Q6TU32	V P H G F P N L L E G G F A R E V L R H Q P K D I L Y G F G A K Y F F E E L L L K R	
UniRef90_C1LG31	I P D G L G D L L R D F T V A V L R D R P N D L I Y D Y F S K V K E T R	
UniRef90_K1PIL3	I P P P G L T E L L E E F A V T V L R E H P T D L V S F A A S Y F T N L R E E	
UniRef90_I1GFP3	I P Q G L L Q Q L M Q D F V V T V L R E Q P P D D V V G M A A E Y F T K L K E S R	
UniRef90_E4YKP0	I P D G L G D M L R D F T V A V L R E R P P Q N L I F D F A V I D Y F T R V R E A K	
UniRef90_R7V4J9	I P A G L T D L L Q D F T V A V L R E R P P E D I V Q F A V D Y F N K L N D G K	
UniRef90_V4B1U7	V P A G L T D L L Q S F T V Q V L R K Q P E D I L E F A L Q Y F T Q L K Q S Q	
UniRef90_Q6NTM8	V P R G F G N L L E G L A R E V L R K Q P A D I P A F A A Q Y F S E L L R N R	
UniRef90_UP10003C15BEF	V P D G L G D L L R D F T V S V L R E K P N D L I Y D Y A V I E Y F T T A R D T R	
UniRef90_V4BGZ6	V P R G F G S L L E G L L S R E V L R E Q P Q D I I G F A S R Y F Q R L L R I R	
UniRef90_V9KKA7	V P D G L T E L L K D I L K A V R E Q P E N I C E F A V I E Y F R H R N S	
UniRef90_UP10003C3A71C	I P S G L S D L L Q D F T V H V L R E K P E D I V D F A A N Y F M K L K	
UniRef90_A7SDH8	I P P A G L T D L L Q D F T V A V L R E K P T D L V S F A S E Y F R N L N E D Q	
UniRef90_R7UWK2	I P P A G L T E L L Q G F T V E V L R S Q P G D I L E F A L Q Y F G R L	
UniRef90_UP10003957D70	I P D G F E S S L L E G L T K E I V L R S Q P P E N I Y T F A A D Y F D S L I N I R	
UniRef90_UP10001CB9A0D	V P R G F G A L L L E G L T R E V L R D Q P D N I P A Y A A Q Y F D K L L K E R	
UniRef90_UP1000443D091	I P P P G F A N L L L E G L A R E V L R N Q P D D I P T F A A K Y F E S L L I E R	
UniRef90_V8NNW5	I P S G L T E L L Q E F T V A V L R Q K P Q D I L Y Q F A A E Y F A T A S N S R	
UniRef90_T1EGL2	I P R G F G S L L L E G L A R E V L R D Q P K D I P K Y A A Q Y F D A L L K Q R	
UniRef90_G3P356	I P D G F P Q I L K A F T R E I L R S Q P E N I Y E F G A D Y F A E L S E K	
UniRef90_C1MX73	V P Q G F R N L L E G F T R E V L R N Q P D D I I I F G A R Y F Q F L L N A R	
UniRef90_T1FXN0	V P E G G L R S S L M K N F T K D M L K E K P P N I Y E F S A Q Y F F E A M	
UniRef90_UP1000329E5AD	V P E G G L R S S L M K N F T K D M L K E K P P N I Y E F S A Q Y F F E A M	
UniRef90_UP1000329E5AD	V P P E L T N L L M E F T V S V L V E R P E D I L A Y A A K Y F T N L H E Q R	
UniRef90_UP10002657521	V P P P G F Q N L L L E G L A R E V L R E Q P P D D I V Q F A A Q Y F K N Q L S I R	
UniRef90_A7RR24	I P K G L T N A L Q E F T V S L L C E K P S N I Y D F A A S Y F T K L S K E R	
UniRef90_B3RK4	I P D G L F D L L K N V I T A V L R E R P A D I L Y E F A A E Y F A K L R D A R	
UniRef90_T1EEK6	V P A G L T E L L Q Q A F T V E V L R S R P A D I L D F A A A Y F A E M R Q	
UniRef90_S4RIJ3	I P E G F Q A L L L E G L A R E V L R E Q P S D I L L K F S A D Y F K N R L A L R	
UniRef90_UP10001925F56	I P A G L K E L L Q G Y T T L E V L R R R P P D L V A F A V Q H F T Q V L N R R	
UniRef90_Q4TGP1	V P Q G Y V E L L Q D F T T I A V L R V Q P K D V I A F A A E Y F T N L K N T	
UniRef90_H2KP53	V P P C E L P E L L Q S F T V A A L R H R P R D L L H F A V I Q Y F S Q L L R N R	
UniRef90_V9KZA8	I P Q G F G N L L L E G L T R E I L R Q Q P E N I P S F A A A Y F E D L L E K R	
UniRef90_G1NWL2	I P N G L G D M L R E F T V S A I R I N P D D I L Y D F A V I E Y F T K A R D E R	
UniRef90_V4B1I5	V P A G L P E L L R G F T T L E V L R R Q P A D D I L E F S V V R Y F T G L R D	
UniRef90_Q6NW93	V P D A L R E V L L L E F S I A Y Y L L E P Q G D V V D F A V I E Y F T K L Q E T R	
UniRef90_T1PBD6	V P K G F Q N I L L E G L A R E C L R S Q P E N I Y E F G A K Y F F Q Q L I Q V R	
UniRef90_K1PZL4	V P R G F Q N L L L E G L A R E V L R N Q P D N I Y A F S A I Y F D N L L K M R	
UniRef90_UP10002653281	V P P D D L R D I L L Q E F T I S Y L L E Q P G D I I D Y A V D F F T R L R E N R	
UniRef90_K7J478	V P P P G L R E I I L L Q E F T V A V L R Q R P S N I I N F A V D Y F F E	
UniRef90_U6IL09	V P P P G F K S L L E D L S R E V L R E Q P D N I P E F A A K Y F E E G L L K V R	
UniRef90_C3Z1B5	I P A G L S L M L R D F T V A V L R Q K P S D I L Y L F A A D Y F Q K L L S E	
UniRef90_T1EEJ4	V P D D L R E V L L L Q E F T I S Y L L E Q P G D I V V N Y A A D Y F F S R L R E T R	
UniRef90_D6WSE3	V P K G F Q N I L L E G L A R E V L R L S R Q P T D I I Y A F G A V Y F K K L L D E R	
UniRef90_R7URR6	V P P E L T N L L L E F T V N V M I E R P S D L I V D F A A D Y F N K L L Q A N R	
UniRef90_A0A023FTL3	V P D E L L K E V L L L Q F S I S Y L V E Q P P D L I V T F A S R Y F N Q L L T E R	
UniRef90_B4KLK0	V P N G F S T L E C F A T E V M R E Q P D I I Y E F G A D Y F F Q Q L I Q D N R	
UniRef90_F6X6Q2	V P D G L R D I L L E Q F T I S Y L L E P Q D D I V D Y A V E F F T K L Q D N R	
UniRef90_U5EXY6	V P P G F R E I L L G A L C R E I L R H Q P K N I I I E F S A Q Y F E Q K L R E R	
UniRef90_T1ITI4	I P S E L P P I L L K D L S R E V L R H Q P A D I L V Q F C H D Y F A K L L A Q Q	
UniRef90_P31320	V P E G F Y D I L H E F T R E V L R A Q P E D I I E Y A A N Y F E	
UniRef90_17MMP3	V P E G F Y D I L H E F T R E V L R A Q P E D I I E Y A A N Y F E	
UniRef90_H2YER9	V P S G F K Q K L L E N L S R E V L R E Q P K N I P N F R N R L L E R R	
UniRef90_UP10002A4A66C	V P R G L G A V I L L E G L A R E V L R D Q P E N I P E Y A A N Y F N G L L R Q R	
UniRef90_T1L305	V P Q E L T N L L L D F T V S V L L I N K P G D V V D Y A A S Y F N R L K D E R	
UniRef90_A0A023FA94	V P P D E F R T L L L E F T V T Y L L M E Q P S D V D F A L D Y F S R L K E I K	
UniRef90_C1LFX7	V P E G L P E L L E K F T K V I L E K P N N L I I E F A A N Y F F R N R L L E S	
UniRef90_U6HXR7	V P P G F A N I L W C F A R E V L R L Q P P D I I R F G M E Y F D H L L R V R	
UniRef90_C1C3T4	I P R G F A S L L L E G L T R E V L R E Q P K D I P L F A S K Y F S D L L Q N R	
UniRef90_E9H1B8	V P Q G L Q L Q L D F T V S C L V E R P A D I L V D F A A D Y F F A Q L R Q R R	
UniRef90_K7J9I0	V P Q G L L A A A V E G L T R E V V I R H R P E N I Y I F A A H H F E K L L R L R	
UniRef90_Q66IC9	I P P A L P N M L K Q F T K A A I R T Q P R D V L Q W A A D Y F S A L S K G Q	
UniRef90_U4U5J7	I P D G L R E L M S D I S R E V L R S Q P E D V Y T F V A D Y L D A L M I T R	
UniRef90_D8TU37	I P H N L A D I L L K A Y T K E V I R R Q P A D I V A F S A K Y F T N L	
UniRef90_Q4SPD8	I P R G F G T V L N G L V R E V L R D Q P E D I P K Y A A H Y F S S S L L K Q R	
UniRef90_A0NDN5	I P P D G L P E L L M R G L A K S V I K E N P E N I Y V H A A E Y F E N L I R E R	
UniRef90_D8TZ99	I P P E F F P A I L L K A F T R E I V L R A Q P A N I Y E F G A R Y F F A G L Q	
UniRef90_T1G3H5	V P R G F H S L L L E K F C I E V L R T Q P P D D I H T F G A F Y F F A D L L E K R	
UniRef90_A7S513	V P P G L L S S L L E E F V V K C I Q E N P E D I V E F A A D Y F F M L K R F K	
UniRef90_T1I1S03	I P P Q L Q G L L L E F T V N V L I E Q P S D L I L D Y A A S Y F N K Q L A T R	
UniRef90_E4X8Y9	I P P S E L P E L L L K Q Y T K A A I R T Q P K D I V Q W S A A Y F S A L S	
UniRef90_D8QQZ6	I P P P A L P D I L L K G F A K E A I R S Q P P C H E F A C T Y F Q R L L A T	
UniRef90_E4YTU5	V P P G L P S A L E S L A R A V V L K E Q P P D D I P K F A A A H H F Q A L L R Q R	
UniRef90_UP10003C298AD	L P R G F A T L L E G L A R E V V L R E Q P E E I I P A F A A K Y F F E D L L K K R	
UniRef90_I5AP49	V P E G L R D L L M K M Y A K E V V L R Q K P E N I Y K F S A D F F N	
UniRef90_I5AP49	V P E G L R D L L M K M Y A K E V V L R Q K P E N I Y K F S A D F F N	
UniRef90_G3U9W3	V P E G F N Q L L H D F T R E V V L R D Q P E D I I K Y G V D Y F F E C M R D G K	
UniRef90_A0CAE7	I P P E L P K M L K E F A K A A I R V Q P Q D L I Q W A A D Y F E A L S R	
UniRef90_Q9HAT0	V P E G F N Q L L H D F T R E V V L R D Q P E D I I K Y G V D Y F F E C M R D G K	

QUERY
UniRef90_G5C2I1
UniRef90_V9KD27
UniRef90_J3S434
UniRef90_UPI00045D5669
UniRef90_UPI0003F0867E
UniRef90_K7E9P6
UniRef90_T2MGQ3
UniRef90_UPI000395AC82
UniRef90_Q05AK7
UniRef90_F6S8B5
UniRef90_C3ZAG8
UniRef90_UPI0003833961
UniRef90_Q6TU32
UniRef90_C1LG31
UniRef90_K1PIL3
UniRef90_I1GFP3
UniRef90_E4YKP0
UniRef90_R7V4J9
UniRef90_V4B1U7
UniRef90_Q6NTM8
UniRef90_UPI0003C15BEF
UniRef90_V4BGZ6
UniRef90_V9KKA7
UniRef90_UPI0003C3A71C
UniRef90_A7SDH8
UniRef90_R7UWK2
UniRef90_UPI0003957D70
UniRef90_UPI0001CB9A0D
UniRef90_UPI000443D091
UniRef90_V8NNW5
UniRef90_T1EGL2
UniRef90_G3P356
UniRef90_C1MX73
UniRef90_T1FXN0
UniRef90_UPI000329E5AD
UniRef90_UPI000329E5AD
UniRef90_UPI0002657521
UniRef90_A7RR24
UniRef90_B3RUK4
UniRef90_T1EEK6
UniRef90_S4RIJ3
UniRef90_UPI0001925F56
UniRef90_Q4TGP1
UniRef90_H2KP53
UniRef90_V9KZA8
UniRef90_G1NWL2
UniRef90_V4BI15
UniRef90_Q6NW93
UniRef90_T1PBD6
UniRef90_K1PZL4
UniRef90_UPI0002653281
UniRef90_K7J478
UniRef90_U6IL09
UniRef90_C3Z1B5
UniRef90_T1EEJ4
UniRef90_D6WSE3
UniRef90_R7URR6
UniRef90_A0A023FTL3
UniRef90_B4KLK0
UniRef90_F6X6Q2
UniRef90_U5EXY6
UniRef90_T1ITI4
UniRef90_P31320
UniRef90_I7MMP3
UniRef90_H2YER9
UniRef90_UPI0002A4A66C
UniRef90_T1L305
UniRef90_A0A023FA94
UniRef90_C1LFX7
UniRef90_U6HXR7
UniRef90_C1C3T4
UniRef90_E9H1B8
UniRef90_K7JI90
UniRef90_Q66IC9
UniRef90_U4U5J7
UniRef90_D8TU37
UniRef90_Q4SPD8
UniRef90_A0NDN5
UniRef90_D8TZ99
UniRef90_T1G3H5
UniRef90_A7S513
UniRef90_T1IS03
UniRef90_E4X8Y9
UniRef90_D8QQZ6
UniRef90_E4YTU5
UniRef90_UPI0003C298AD
UniRef90_I5AP49
UniRef90_I5AP49
UniRef90_G3U9W3
UniRef90_A0CAE7
UniRef90_Q9HAT0

1 10 20 30

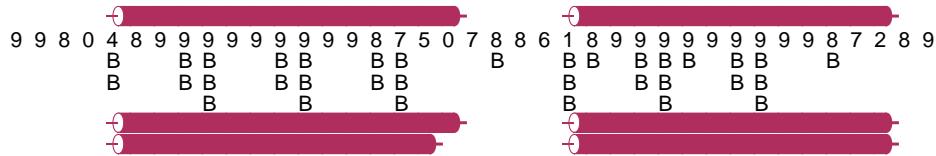
UniRef90_UPI00046CE3FC	P D G L R E [C] A D [S] R E V I R S Q P M D I Y D F [A] N Y [D] T L M V T R
UniRef90_B4NJY5	P E T L T E L I K Q F I K A V L K E C P E N I Y V F A R E Y F H R L S I A K
UniRef90_B4NJY5	P E T L T E L I K Q F I K A V L K E C P E N I Y V F A R E Y F H R L S I A K
UniRef90_L9KFG9	P P E L P E L L K Q F T K D A I R T Q P Q D I Y Q W G A D Y F G A M S R
UniRef90_R1FBU9	V P K E L P S V L L K A F T R E V L R A N P P D I Y G F G A E Y F R E
UniRef90_A0C195	V P P E L P V I L L K H Y A K E V I R N K P G D V V D F S A K Y F R S L L E K R
UniRef90_W5ME24	I P P E L P D I L K Q F T K A A I R T Q P A D L L E W S S I Y F T A L A N G Q
UniRef90_H9JS85	L P E G L K E L M S D I T R E V L R T Q P P N I C D F I A K Y S V L L I T R
UniRef90_U4UHB5	V P V G L E E L M E G L T K A V L L Q K P K D L Y V F A S E Y F S R L I V L R
UniRef90_C1FIU1	V P P E L L A D V L K S Y T K E V V R R Q P H D L Y E F S A K Y F A E L
UniRef90_F2TWY3	P E G L E E L L W S F A K E V L R D Q P K D I V K Y G A Q Y F R A A Y N E R
UniRef90_C3KJN9	I P P Q L P D L L K S F T K A A I R T Q P K D I L Q W S S A Y F S A L S N
UniRef90_C6LXQ8	P P E F P G L L M D L C R E V L R E Q P N N I Y E F A V K H F T Q L R D A
UniRef90_V9L5H3	I P P A F P D I L K Q F T K A A I R T Q P H D V L Q W S A A Y F T A L
UniRef90_ATSM33	V P S G F R N L L E S T V E I L R V R P D N I P S F A A D F F R E R L A A R
UniRef90_UPI0003504354	L P S G F E E V L L Q G M A R E V L R A Q P D D V L G F I T R Y F Q A L L A E R
UniRef90_W5MHJ6	V P P G L R T L L E G L S R A V V S H Q P E N I S Q F S G S Y F A E L L R F R
UniRef90_L1I8P4	I P E N L G E I L L K A Y A K E V I R S N P S N I Y E F S A K Y F A Q L
UniRef90_D7G769	I P E E F P A I I L R E F A K E A I R E Q P A D I Y R F G Y E Y F A K L S
UniRef90_UPI0003C29DA1	I P P Q L P E I L L K Q Y T K G A I R T Q P P D I L Q W S A D Y F T A L
UniRef90_C9ZYR7	L P P E F P G V L L K E Y A R E V L R E Q P E D I L Q W S A N Y F K R L A R E
UniRef90_L1IIT6	I P A D F P Q I L L K D F T R E I L R N Q P G N I Y Q F G K E Y F A R L R E E
UniRef90_UPI00046B2E84	I P P E L L L D I L L K Q F T K A V I R T Q P T D V L R W S A G Y F S A L S R
UniRef90_A8WFD8	V P D D L R E I L L E F T I S Y L E Q P G D V N Y A V E F F T R L Q N N R
UniRef90_U6IJU4	V P D S L V N I L Q D F T M A V L R N R P T N I P R F A V E Y F T E L M A S
UniRef90_UPI00020AC8F3	I P A G L T E L L Q G F T V E V L R H Q P A D I X X P V I N R F T R
UniRef90_I7MDI8	V P P Q E L P I I L L K H Y S K E V I R R N N P V I S I Y D F S A K Y F R D L I E K R
UniRef90_R4GBT5	I P P E L P D I L L K Q F T K A A I R T Q P P D I L L W S S E Y F S A M
UniRef90_G6DLE9	L P E G L K D L M S D I S R E V L R A Q P N D V I Q F I V G Y L K V L L E V R
UniRef90_S9UMP4	L P S S F P D V L K E Y A R E V L R A Q P T D I L A W S A D Y F Q K L
UniRef90_A9V7J3	P E E G L D E L L W G F A K E V L R D Q P A D I I G Y G A K Y F R T L A D Q
UniRef90_W6L657	L P T N F P T V L K E F T R E V L R A Q P H D I L E W S A E Y F K Q L
UniRef90_H3AH87	I P P E D L P G V L L K E F T K A A I R T Q P E D I V Q F A S S Y F G T L A S E Q
UniRef90_H0VUR0	I P P E L L P E I L L K Q F T K A A I R T Q P Q D I L Q W G A E Y
UniRef90_F7FVN3	V P Y G L K T L L E G I S R A V V L K T N P S D I N Q F A A A Y F Q E L
UniRef90_J9K8S6	V P P D E L R E L L L D F T I G Y L E Q P P N N I T E Y G I E F F E K L K N T K
UniRef90_UPI0003DE7D50	V P P E G L R E L L C S D I S R E V L R S Q P I N L A F I A E Y V D T L L I T R
UniRef90_UPI0003DEB499	V P R G L L A H A V E G L S R E I V L R R Q P R N I Y A F A A Q H F A K L V E L R
UniRef90_A0A26WK19	V P E E G L L S E L C S D I A R E V L R S Q P R N I Y C F V A D Y V E A L L L M T R
UniRef90_U6IOA8	UniRef90_G6D643
UniRef90_G6D643	M P P G L I E L M D G L A R D V L K N N P T D I Y E F C S D H M K K L L Q T R
UniRef90_C6M015	I P N Q L P A I I L K E Y S K V V L R E Q P S D I I G F S I K Y F K Q L S A L R
UniRef90_D2UYF7	L P P N N F Q E T L R D F T R E V L R S Q P G N I Y R F G Y D Y F M K L A K E
UniRef90_K1Q4X4	I P P S L P D I L L K Q F T K A A I R T Q P K D V L A W S A A Y F K D M
UniRef90_U3CJL4	I P P D G L P E I L L K K F A R A A I L A Q P E D I L Q F G V D Y F G A L
UniRef90_UPI0003599C1A	I P E G L G S I L C D F T V A A I E A A P S N I L E F A A D Y F R R A S E A
UniRef90_I1FE62	I P P S L P G I L L K D F T K A A I R T Q P E D P L L W S A A Y F D A L S R
UniRef90_J9LID2	V P D N L P E I I L L K Y V K A A I R S Q P P E D I V S W S A E Y F K
UniRef90_L1IFD1	I P P S D F P E I I L L K E F V R E I L R E Q P K N I F A F G S K Y F N Q K L E Q
UniRef90_E0VRN3	I P D D G L K E L S S D I I R E V L R H Q P E H N G F I A D Y L E T M L E V R
UniRef90_V6LQN9	UniRef90_V6LL78
UniRef90_V6LL78	I P P T L P P E I L L K N Y S K A V V L S E Q P A D L V D F S I K Y F G M L K T T
UniRef90_A9VA10	I P P D L P E I V L K S F T K A A I K T Q P S N I L T V W A A Q Y F E A L
UniRef90_T1JLY4	V P P N G L E D D L L E G L L A R E I L R R Q P E N I H L F A A H Y C E F L I H I R
UniRef90_K7X0U8	I P P A L P D I M K Q F T K A A I R T Q P K D P L E W S Y E Y F R A L A N K
UniRef90_A9T2D1	I P P N G L P T I L L K T F A K E A I R A Q P E N I L E E F A L L G Y F Q N L L
UniRef90_G4LV34	V P P G L R E E L L Q E E T V S I L R E H P D N I L I Q F A I D F L
UniRef90_UPI00034FCA28	I P P N G L K T I L L E G V S R A V I L K T N P S N I T Q Q F A A V Y F K E L A V F R
UniRef90_Q7QCB1	I P P E L E E L M Q D I S R E V L R S Q P P N I V T F L A D Y L E E K L A R R
UniRef90_UPI00046BFA24	V P P Y G L K T I L L E G V S R A V V L K T N P S N I T E F A A L L Y F R E L I A F R
UniRef90_B3S7U1	I P P Q L P D M L K K F T K A A I R T Q P T D L L Q W S Y A Y F D A L S Q
UniRef90_A7TRGJ3	UniRef90_J9IUC8
UniRef90_J9IUC8	UniRef90_UPI0003C27FB6
UniRef90_UPI0003C27FB6	V Q D E F P K I L L K D F T K E I I R K N P E D I I K F G K E Y F E L I L K D R
UniRef90_R4G464	V P Y G L K T I L L E G L T R A I L K C N P S N I P E F A A L L Y F R E L T A F R
UniRef90_Q174E6	V S N E F R Q M M L E F T V T F L E Q P Q D P V A F A A E Y F Q R L R S A
UniRef90_S4RK98	V P P D E L K E L L M L E I S R E V L R S Q P K N V I H F V A D Y L E A K L I R R
UniRef90_G3NCS8	I A Q E L P D I L L K N F T K A A V R T Q P E D I L L W S A A Y F T A L S K
UniRef90_T1I681	I P P D L P S I L L K R Y A K A A I R T Q P H D L V W S A A Y F K A L S
UniRef90_UPI0004574C39	V P Y G F P R V I L L E T I L G K T V I L H E Q P V D V H Q F A S G Y F K E L L Q F R
UniRef90_J9I8X9	V P Q G F P D I L H D F A R E V L R D Q P D N I K E Y G W Q Y F K A
UniRef90_G6CY88	I P E G L K E L M S D I S R E V L R E Q P K H I F D F I S N Y L S V M M L T R
UniRef90_F4NTV7	V P P D F P S I L L N D L R A I L R A Q P T D I L E F C A E Y F R
UniRef90_H2KNM6	V P P G L R E E L L Q E L I T V H L L R E R P E D I V Q A S I D F L
UniRef90_E0VPN6	I P E N L D M A L E G L I R K V L K E Q P P D D I Y I F A A N Y F E N L L R L R
UniRef90_S9WJK6	I P P E L G T I L L K Q Y T K A V I R D K P T D I Y R Y S A N F F A V L S
UniRef90_W2SHN7	V P D G L R P L L E A L A R E T R S Q P D D V I R F A Q L F D E L Q N H R
UniRef90_J9IR88	V H Q E L P A I L L K N Y S K E V I K K N P E D I V I A F S R N Y F E K L L K E
UniRef90_UPI00021A805E	V P P S L P L I L L K E F C K A A I R T Q P Y D L L R W S S S Y F Q A L
UniRef90_N6U253	V Q D D F R N L L L E F V I N C L D Q P K D V V N Y A A D Y F V E L Q E R Q
UniRef90_UPI00027F8178	I P P Y G L K T I L L E G I S R A T I K S N P S N I N Q F A V A Y F K E L
UniRef90_H2Z8S6	I P A G I L Q D I L L Q E I G C Q V L R H Q P D D I V R F V S E M L N K L V G V R
UniRef90_J9GB24	V P D G F Q D I L H D F S R E V L R D Q P E N I Y H Y G F L Y F K A M
UniRef90_R4WTF6	V P D E F R R I L L E I T V G Y I L D Q P P D F I D F A I D F F K R K R T E R
UniRef90_T0QWR3	V P D D G F P D T I L R N F A R E V L R Q Q E E D I L Q Y G I K Y F K D L A E K R
UniRef90_U6HWE5	V P A G L L R E I L Q D F T V A V L R N R P S N I I N F
UniRef90_D2V5S5	I P N D L G E V L L K Q Y T K D A I R A S P A D I L R W S A N Y F A T
UniRef90_E5SG15	I P P G L R P L L V A L A R E V L C Y R P Q D I C S F C A L F F Q T L L Q V R
UniRef90_A4H5Y0	V P P E L G T I M K Q Y T K A V M R D K P T D I Y K Y S A N F F A I L S
UniRef90_K7J4Y0	V P P K L P M I L L K Q F T C K S A I R T Q P Y D L L K W S S A Y F H A L
UniRef90_S5CH27	I P T E L G P I L L K Q F T K A V V L D E P Q D L L K W S A N Y F A Q L
UniRef90_F0W3L6	I P S E F P E T L R D F A R E V L R Q Q R E D I I Q F G V A Y F Q S R V E Q R

UniRef90_UPI00046CE3FC
UniRef90_B4NJY5
UniRef90_B4NJY5
UniRef90_L9KFG9
UniRef90_R1FBU9
UniRef90_A0C195
UniRef90_W5ME24
UniRef90_H9JS85
UniRef90_U4UHB5
UniRef90_C1FIU1
UniRef90_F2TWY3
UniRef90_C3KJN9
UniRef90_C6LXQ8
UniRef90_V9L5H3
UniRef90_A7SMM3
UniRef90_UPI0003504354
UniRef90_W5MHJ6
UniRef90_L1I8P4
UniRef90_D7G769
UniRef90_UPI0003C29DA1
UniRef90_C9ZYR7
UniRef90_L1IIT6
UniRef90_UPI00046B2E84
UniRef90_A8WFD8
UniRef90_U6IUJ4
UniRef90_UPI00020AC8F3
UniRef90_I7MDI8
UniRef90_R4GBT5
UniRef90_G6DLE9
UniRef90_S9UMP4
UniRef90_A9V7J3
UniRef90_W6L657
UniRef90_H3AH87
UniRef90_H0VUR0
UniRef90_F7FVN3
UniRef90_J9K8S6
UniRef90_UPI0003DE7D50
UniRef90_UPI0003DEB499
UniRef90_A0A026WK19
UniRef90_U6I0A8
UniRef90_G6D643
UniRef90_C6M015
UniRef90_D2UYF7
UniRef90_K1Q4X4
UniRef90_U3CJL4
UniRef90_UPI0003599C1A
UniRef90_I1FE62
UniRef90_J9LID2
UniRef90_L1IFD1
UniRef90_E0VRN3
UniRef90_V6LQN9
UniRef90_V6LL78
UniRef90_A9VA10
UniRef90_T1JLY4
UniRef90_K7X0U8
UniRef90_A9T2D1
UniRef90_G4LV34
UniRef90_UPI00034FCA28
UniRef90_Q7QCB1
UniRef90_UPI00046BFA24
UniRef90_B3S7U1
UniRef90_A7RGJ3
UniRef90_J9IUC8
UniRef90_UPI0003C27FB6
UniRef90_R4G464
UniRef90_Q174E6
UniRef90_S4RK98
UniRef90_G3NCS8
UniRef90_T1I681
UniRef90_UPI0004574C39
UniRef90_J9I8X9
UniRef90_G6CYS8
UniRef90_F4NTV7
UniRef90_H2KNM6
UniRef90_E0VPN6
UniRef90_S9WJK6
UniRef90_W2SHN7
UniRef90_J9IR88
UniRef90_UPI00021A805E
UniRef90_N6U253
UniRef90_UPI00027F8178
UniRef90_H2Z8S6
UniRef90_J9GB24
UniRef90_R4WTF6
UniRef90_T0QWR3
UniRef90_U6HWE5
UniRef90_D2V5S5
UniRef90_E5SG15
UniRef90_A4H5Y0
UniRef90_K7J4Y0
UniRef90_S5CH27
UniRef90_F0W3L6

UniRef90_UPI000273D024
 UniRef90_UPI0002039085
 UniRef90_A0A024U497
 UniRef90_F4NVP9
 UniRef90_U614E2
 UniRef90_D2A4J5
 UniRef90_T1IXW9
 UniRef90_A2F1S8
 UniRef90_E1GAZ0
 UniRef90_U1NMK6
 UniRef90_H3HB34
 UniRef90_J9LW05
 UniRef90_X1Y075
 UniRef90_B4JUM5
 UniRef90_W6KUP5
 UniRef90_J9IANO
 UniRef90_Q1DH59
 UniRef90_UPI0003992561
 UniRef90_UPI00021A7D62
 UniRef90_D0N398
 UniRef90_Q20199
 UniRef90_H2KV42
 UniRef90_F4WIY9
 UniRef90_E0VSV8
 UniRef90_UPI00045DDDBCE
 UniRef90_UPI00006CF1F9
 UniRef90_UPI0003C199CF
 UniRef90_J9FA50
 UniRef90_UPI000265451B
 UniRef90_G2Y2J4
 UniRef90_K3WFP0
 UniRef90_I7MCR6
 UniRef90_T1HLT5
 UniRef90_K3WK59
 UniRef90_P86196
 UniRef90_J5QEQQ
 UniRef90_A0A024GAN6
 UniRef90_UPI00026551A3
 UniRef90_N1PU84

1	P P E	L P K M L	K E F A K A A I	R A Q P Q D	L I Q W G A E R	Q R L L
10	P P E	L P D	I M K Q F T K A A I	R T Q P R D	V L Q W S G K Y F S	
20	P A E F P E	L L R S F A R E	V L R Q Q D A D I L	Q F G I K Y F T D	V T E K	
30	P S D L P E	I L K N Y A K F I I	K S Q P A D I L L A S S S E Y F A R L A K Q R			
40	P D G F Q Q L	L L E D L T C E V L	I Q R P A D V I Q F S I D F F K			
50	P T F P Y	L L R Q F A K A A I	R T Q P N D L L K W A T T Y F R C L S			
60	P A E L P D I	L L K Q F T K A A I	R T Q P K D L L V W Y F R A L			
70	P D M P P I	L L K A Y S K E I	R K N P P E D I I I A F S V Q Y F K D R I L D			
80	T G L R P L L E A L V R E T L	R T Q P V D L I I N F S I L F F N V L Q K H R				
90	N G L R P L L E A L A R E T L	R A Q P T D L L I S F S S Q L F F D E L Q R H R				
100	P D L P H	V L K D W T K A V I	R E S P T D L L A F S Q Q W F Q			
110	R G L D Y L A E R L V R A V I	R V Q P K N V H E F A A Q F F D G L L R Q R				
120	E D L R P L M E E M S R E V L	R A Q P Q D A V H F L A D Y L E E R L V R R				
130	D G L P E L L S D I T R E V L	R C Q P D C L C Q F I I D Y L H S V I V A R				
140	P E L G T I M K Q Y T K A I L	R D E P T D V Y K Y S A N F F A				
150	E N A Y S I L E D Y T R E V L	R D Q P K D I L E Y S Y M Y F K A L E E G K				
160	E N F N N V L K V Y A K A V I	R D Q P F D L L R W S A A Y F R C L				
170	H G L K T L L Q G V I C Q A V I	E S N P D D L P Q F F A L Y F K E L				
180	P A Y P N I I K Q Y A K A A I	R T Q P Y D L L Q W T C A Y F R A L				
190	A N F P D V L R D F T R E V L	R Q Q K E A I I Y A F G S Q Y F K D L I A K Q				
200	H D L R P I L E A L A R E V L	R S Q P S D V A E F G H M F F D E Y L K H R				
210	P G F Q E L L E S L S Y D V L	R A Q P P D D L L R F C I D N S N R L				
220	P T F P H I L R L Y A K A A I	R T Q P T D L L R W T A V Y F R A L				
230	P T F P Y I M K L Y C Q A A I	R T Q P Y D L L K W S A A Y F R A L				
240	Q G F G S L L E G L T X E I	I L I K Q L D N I X A F A A A Y F E S F L E K R				
250	P Q E L P I I K H Y S K E V I	V R N N P V S I I Y D F S A K Y F R D L I E K R				
260	Y G L K T I L E A F S R F V V	Q I Q P E N I I Q E F G L L F F N E L N N F R				
270	P K I I L L E Y S K E V I	R Q S P A D I I A A F S R E Y F E K K L Q E				
280	G F Q N I I R L I S H E V L	R E Q P Q D N I K F I A D F L Q D V L T I R				
290	G F Q N I I R L I S H E V L	L T E I I E S L S Q E I L R N Q P T D I L L Q F C A N Y F S Q R L E T				
300	P D L P L V I K D W T K A V I	V P D I L Q F C S L K W F Q E				
310	S G F H D I L R E L T L S I L	K D Q P E D I I F Y G M T Y F E				
320	E G L G S A M E S L T K A I	L E E Q P V D I Y K F S Y K H F Q M K V Q R R				
330	V E F P D L L R T F T R E V L	R Q Q K E A I I Y E F G T Q F F S D L V I A K R				
340	P E L P E L L K	T Q P P D L I I Q W A A E Y F G A M S R				
350	A Y S A I L L N D L N R D V S R E Q P T D I I I Q F C A D W F Q K L R E E R					
360	S D L P L I L K E W T K A V F R E H P	P Q S D L L E F S L E W F K A				
370	P A F S H T R R R F T M A A I L A Q P Q D L L R F A A G Y F E A L					
380	S D F T N E L N A L S R Q V L K E H P K D I L Q Y C A N F F Q R R L E S Q					

lupas_21
 lupas_14
 lupas_28
 jnet
 conf
 sol25
 sol5
 sol0
 jhmm
 jpssm



UniRef90_UPI000273D024
UniRef90_UPI0002039085
UniRef90_A0A024U497
UniRef90_F4NVP9
UniRef90_U614E2
UniRef90_D2A4J5
UniRef90_T1IXW9
UniRef90_A2F1S8
UniRef90_E1GAZ0
UniRef90_U1NMK6
UniRef90_H3HB34
UniRef90_J9LW05
UniRef90_X1Y075
UniRef90_B4JUM5
UniRef90_W6KUP5
UniRef90_J9IAN0
UniRef90_Q1DH59
UniRef90_UPI0003992561
UniRef90_UPI00021A7D62
UniRef90_D0N398
UniRef90_Q20199
UniRef90_H2KV42
UniRef90_F4WIY9
UniRef90_E0VSV8
UniRef90_UPI00045DDBCE
UniRef90_UPI00006CF1F9
UniRef90_UPI0003C199CF
UniRef90_J9FA50
UniRef90_UPI000265451B
UniRef90_G2Y2J4
UniRef90_K3WFP0
UniRef90_I7MCR6
UniRef90_T1HLT5
UniRef90_K3WK59
UniRef90_P86196
UniRef90_J5QEQQ
UniRef90_A0A024GAN6
UniRef90_UPI00026551A3
UniRef90_N1PU84

lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm