

QUERY	Q K K L T E
UniRef90_F7VT46	Q H K K L S Q
UniRef90_N4UQ88	Q E K K L S Q
UniRef90_J5JYD9	Q Q K K L T Q
UniRef90_G2REY1	Q A K K L S Q
UniRef90_C3Y0I0	E T K K L T Q
UniRef90_S3D9J9	Q R R L L T Q
UniRef90_C9SQY7	Q Q K K L S Q
UniRef90_G0SCR3	Q H K K L S Q
UniRef90_M7TIF6	Q S K K L S Q
UniRef90_S4RTC5	E S K K L Q Q
UniRef90_S2JP08	E T K K V A
UniRef90_UPI0003F0E862	E S K K L A Q
UniRef90_K1WU29	Q S K K L S Q
UniRef90_W5NHI3	E S K K V M Q
UniRef90_UP1000334705F	E A K K V L Q
UniRef90_Q6GMZ8	E T K K L L Q
UniRef90_UP1000441A165	E T K K V M Q
UniRef90_K1QMJ8	E N K K L T Q
UniRef90_W1PLJ1	E [] K M M Q
UniRef90_UP1000441793B	E T K K V I Q
UniRef90_A0A023GI59	E K K K L L E
UniRef90_L8G073	Q Q K K L T
UniRef90_UP10003940D31	E T K K V T Q
UniRef90_Q08BV4	E S K K V V Q
UniRef90_UP10003F0E6BB	E T K K V L Q
UniRef90_E2B5F4	E T K K L L
UniRef90_Q0DJF8	E M K K M L
UniRef90_S3DCK5	Q N K K L S
UniRef90_UP10004409F47	E S K K V L Q
UniRef90_S7QAX4	Q T K K V M Q
UniRef90_Q5AFC5	C E K K L T Q
UniRef90_F0XAM5	K N K K L S Q
UniRef90_R8BGU6	Q E K K L S
UniRef90_Q9USU9	Q S S K K L L
UniRef90_I3JU31	E S S K K V M Q
UniRef90_UP100038EE27B	E T K K V L Q
UniRef90_UP10004408FDA	E N K K V I
UniRef90_V2YHU3	E K K K V L E
UniRef90_E5S2I3	E S S K K V L
UniRef90_D5GD47	Q S S K K L T
UniRef90_F2D7X7	E Y K K L L
UniRef90_G3NPQ8	E S K K M M Q
UniRef90_T1PIA7	R T K K L M
UniRef90_M0S9A6	E M K K M R Q
UniRef90_W1NHG7	E [] K L M Q
UniRef90_V4UFR3	E M K K M I Q
UniRef90_E0VTQ3	E S S K K L L
UniRef90_V8PCM9	E N K K L L Q
UniRef90_UP10002B447EB	E A K K M M Q
UniRef90_J9VWI6	E A K K L L E
UniRef90_T1FMR7	E N K K L L
UniRef90_S4RL05	E S S K K L M Q
UniRef90_W4Y1S0	E E S K K L I Q
UniRef90_I0Z712	E A K K L Q Q
UniRef90_G3B5H4	Q E K K L T Q
UniRef90_W3X931	Q K K K L S
UniRef90_UP10003834BA8	E A K K V V Q
UniRef90_UP10001621DE6	E [] K L V Q
UniRef90_UP1000457339F	E N K K L M Q
UniRef90_UP10004560461	E A K K I I
UniRef90_A0A024JBF3	Q K S S L L S
UniRef90_E9GM63	E N K K L L
UniRef90_J3NRR6	Q Q R R L S
UniRef90_G7YDB6	T T K K L A E
UniRef90_H3AU85	E S S K K V I
UniRef90_I1LJY6	E S S K K M M Q
UniRef90_R4GM48	E T K K V M Q
UniRef90_X8J5B8	E T K K V V
UniRef90_B9S3E9	E [] K M M Q
UniRef90_UP10004411EB6	Q H K K V V
UniRef90_C4R067	R N K K L S E
UniRef90_UP10002659B99	E K K K L A
UniRef90_I1EXH4	E N K K L V Q
UniRef90_J3QNT2	E E K K L L Q
UniRef90_M2YYZ4	Q A K K L S
UniRef90_C4YA34	C D K K L S Q
UniRef90_D8TDN9	E [] K M I Q
UniRef90_U4LM67	R N K K L S
UniRef90_U5GRD0	E E K K L M Q
UniRef90_D6XOD4	E T K K L L
UniRef90_W5FTJ4	E T K K L M
UniRef90_L0PCC2	Q A R R L A
UniRef90_Q6CCD2	Q T K K L S
UniRef90_UP1000393EA6E	E N K K L L Q
UniRef90_Q7QD50	T S S K K L L
UniRef90_H9JQD1	K T K K L L
UniRef90_E5A2I4	Q E K K L S
UniRef90_L8GWV4	E A K K L A Q
UniRef90_M5G609	E M K K V V
UniRef90_C1BTM5	S S N K K L L
UniRef90_U9UN52	E E Q K K I I

UniRef90_S8AUV5
 UniRef90_A0A059AFM7
 UniRef90_A0A023F011
 UniRef90_G7DVJ2
 UniRef90_V5G2U7
 UniRef90_UP10002C30579
 UniRef90_D3B937
 UniRef90_G4MXK1
 UniRef90_E4XCC0
 UniRef90_A0A017SQ20
 UniRef90_E4YRZ0
 UniRef90_G3JJE4
 UniRef90_G8JVT7
 UniRef90_UP10004571EEE
 UniRef90_G4V7M1
 UniRef90_F2TCA3
 UniRef90_V5I6L6
 UniRef90_W1QB06
 UniRef90_R1GIC5
 UniRef90_S8FU20
 UniRef90_S8AFN3
 UniRef90_C5FUT3
 UniRef90_R7Z5K4
 UniRef90_U5HEN4
 UniRef90_UP100032AA688
 UniRef90_M2MQ72
 UniRef90_J9K8X1
 UniRef90_B3SC95
 UniRef90_N6UOJ5
 UniRef90_K7UIV7
 UniRef90_T1M095
 UniRef90_H3ET76
 UniRef90_K0KDX5
 UniRef90_B2AAN0
 UniRef90_M7WTY4
 UniRef90_F1L5W3
 UniRef90_D8QBP9
 UniRef90_G1XRC0
 UniRef90_G4TGV1
 UniRef90_B7Q5G2
 UniRef90_U6JF86
 UniRef90_G8BXN3
 UniRef90_F4PU78
 UniRef90_C5DGZ2
 UniRef90_E4YYV5
 UniRef90_B2W4N7
 UniRef90_W2RMK4
 UniRef90_Q4SGX0
 UniRef90_Q0U9N8
 UniRef90_O44625
 UniRef90_A0A044TZN6
 UniRef90_F4RJK6
 UniRef90_J3KNC0
 UniRef90_A0A022S0X4
 UniRef90_A0A059LGT4
 UniRef90_Q0D044
 UniRef90_U6IHJ3
 UniRef90_G3VCP6
 UniRef90_A2T7K2
 UniRef90_I4Y8M6
 UniRef90_M7AK72
 UniRef90_D2VU95
 UniRef90_A8IUE3
 UniRef90_R4XA79
 UniRef90_J9IEN0
 UniRef90_L8WC11
 UniRef90_U1GFG5
 UniRef90_C1MKV2
 UniRef90_F2UEK5
 UniRef90_J3E15
 UniRef90_R7UDT7
 UniRef90_Q9FIF4
 UniRef90_W9WMZ9
 UniRef90_T1EPC2
 UniRef90_B2BXN9
 UniRef90_L1JRM5
 UniRef90_N1PSJ7
 UniRef90_M4CEG4
 UniRef90_S7W4U3
 UniRef90_R0GCX2
 UniRef90_A9NAX18
 UniRef90_U6JAR3
 UniRef90_D4B0C8
 UniRef90_F0ZSA7
 UniRef90_S8D5R6
 UniRef90_W5LLM1
 UniRef90_Q74ZW6
 UniRef90_F8PW57
 UniRef90_Q01EM7
 UniRef90_A4RSS9
 UniRef90_S4R6Q6
 UniRef90_S4A969

1 10 20 30 40

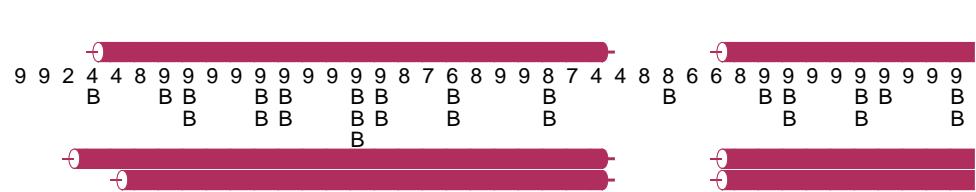
N Q Q | V G A | V F E K | V I K D | V C E N S Q | V D F E E S G | V D Q K T | L L D | L R E T W
 S T T S S V Y | L H | V I G D V I T K V | V R E E F V N N G | P G E E V L N E L | Q G M W
 S T V A R L Y A S V I E D V I G V R E Y F V D E G I | D E Q V L M E L | K S S W
 N R S V P H V Y R Q T | D S T I N A V R G D F E E M G I | E D A V L E E L | Q R L W
 S P I G M V F D R V I Q E V C | E A S R V D F E E S G | V D Q Q T | E E L | R K S W
 A S T S A V Y | S V I E D V I N K V | K V E E F A N G A G E D V L K E E L | Q G T W
 S V T S V Y R Y I I D D V I R N I R I | E F V N E G L | E D R L I A E L | Q H M W
 N A V V G T V Y E Q I I K G V | M E A S R T D F E D N G F | G E S E | N E L | Q Q V W
 N V V P K L Y N D I I K D V I S A V R D D F M N E S I | D E S V L D D L | R Q S W
 N Q L V G T V F D L V I Q E V C | D S S Q V D F E E S G | V D Q Q T | L D D L | R Q S W
 N P V P R L Y E S V I V E E V I S K V | R E S V L D E G L | D E S V L C | D L K A L W
 N Q A V G N V Y Q T I I D D V I N S S R V D F E E S G | V D Q Q T | L D D L | R R K
 N I E A A K V Y E E V I V E G V I N E V R Q D F E N A G I | D E Q T | L Q D L | R R R I W
 P R F Y Q S V I E D V I S N L Q D V F V E E G | L D D Q | L K D L | K Q L W
 V A K F Y D D V I E D V I S G V | K D F V E D G G | G D I Q | L E E L | K K L W
 N Q Q V G V V F D K V I Q E V C | D S S Q I D F E E G G | V D Q Q T | L E D L | R K G W
 T S V F K A Y Q D V I N D V I S N A R E Y F | I E D G G | V D E A V L Q E E L | K Q T W
 N K E C S E L Y E R I I E D V I A E S R Q D F E D G G | V I D E Q T | L M D L | K R I W
 N Q I T T G G V F S Q I I D R V V Q S S Q N D F E E S G | V D Q Q T | L Q E E L | K E L W
 P S I Y R A I I D D V I A S K | K P E F D E Y G | G V D T A V L H D L | Q D R W
 N Q A V G K V Y D R V I Q D V I H T S Q A D V Q D S G | V G V D T A V L H E E L | K K V W
 N Q L V G M V F D R V I Q E V C | D S S Q I D F E E S G | V D Q H A L E E L | R K G W
 N I V G P T Y A Q V I E A V I A A S E N D F E E E A G | V D S Q T | L Q E E L | R S G W
 N R Q V V A A V Y R S I I D D V V E K A T V D F D E A G | V Q I E V L H E E L | Q R S W
 S T T S Q V Y | D V I E D V I M V K | V R D E F T T N N G | P G E E V L H E E L | Q A I W
 N Q L V G E I Y K K I I E E V V A G S K D Q F E E S G | V S A S V L E D L | A K E W
 S S V M K L Y Q S V I E D T I N S S R E F F F A E E G | V I D D Q I L L E L | R Q S W
 S S V F K T Y Q D V I V D V I R S I | R Q S F L N R G | V D E Q V L Q E E L | K S Q W
 S S N V S T V Y | S V I D D V I S K V | R E D F I T Y G | V G D A V L N E L | Q A V R
 S G N A S T V Y | L S V I D D V I A K V | R K E F I T S S G | V G D A V L N E L | Q A V R
 S D I Y R S V I S D V I A Q V | K E A F L D E S I | D I D V L N Q L K K D W
 I Y E Q I I D D V I N E S R Q D F E D S G | V I D E A T | L Q D L | R R N I W
 N V H V G Q V Y E A V I Q G V I D A V R | V D F E E E N G | V I D E D G | V L E D L | K K V R
 N R Q V P P V Y R S I I T D V T D S I | R P E F D Q | L G | V I E E A V L Q E E L | V R L W
 S I A D I Y K G V I N D V I S Q V | K E A F L D E N | V D V D V L Q Q L | K K E W
 P T I Y R T V I D D V I A N I | K P E F D E Y G | V T Q E V L L D Q L | Q D K W
 N I T V G K V Y E K V I Q Q V I D S S V T D V Q D S G | V I D P S V L E E L | K K V W
 P T V Y R S I I D E V I G S | L K P D F D E F G | V G E D V L L T | Q Q K W
 K L Y R S V I E D V I N G V | K D F L D E G V | G D D Q A L Q E E L | R Q I W
 N V A G F Y S S V I N D V I E G M K E T F T Q E G | L D L L E Q L | R K L W
 N K E A S K V Y E | I V I N N V I S D V R E F E N V | G I I D E Q T | L Q D L | R R V W
 S G A T S S V Y R H I I D D V I R C | I R V E F | L N E G | L D D S I | I M E L | Q N M W
 N Q E G A R A Y E T I V E N V N V E R D E F E S A G | V I D E Q T | L Q D L | K L V W
 Q I T A G L Y D S V I N D V I K A | C R D A F | I D E G Y | V E D A S L | A D V Q R L W
 R A C G G V Y Q M I M E K V I Q A S Q N D F E E S G | V I D Q S T | L D E M M K Q G W
 A T V G D V Y A K V I K D V V E N S R | I D F E E E G G | V E A S A L | E L L Q S E W
 P K V Y K S V I D D V I N E V | R E L F | D E G G | V D E Q V L L E E L | K T V
 N T I V G V A Y Q Q I I D K V I Q A S Q N D F E E E G | V I D D Q T | T L D E M M K Q V
 N G I A E L Y K S V I M A D V I A N M K E A F L | D E N G | V I D V D V L S Q L | R K E W
 A D V Y K G V I N D V I Q G | V K E A F L | D E N G | V I D D Q V L Q Q L | K K D W
 R V V S P A Y R S I I D E V V T H C | R A D F D E M G | V I D E Q A V L D A L Q A S W
 N T V P K L Y R S V I E D D V I N D V R D | F L | D D G | V I D E Q V L M E L | K T I
 S S T T S S N V Y | H | V I E D D V I N K V | R D E F G G G | P G E G V L S E L | Q G L W
 S V Y H S V I D D D V V A K V | K S E F V Q | Q E G | I I D E S V L E E L | R E R W
 N Q Q V G A V F E R V I Q E V C | D A S Q V D F E E S G | V I D D Q Q T | L D D L | R K V R
 S E I A V F F N K V I D E V I D G V | R D A F I | Q D G | V D E D Q V L L E Q L | K K L W
 M E D V L N D V R E V F | L | D D G | V D E D Q V L L M E L | K T L W
 N I Q P K L Y R S V I E D V I I X G | V R N | F A E E G | I I D E S V L M E L | K T K Q
 N R I V S D V Y N G V I D D V I S K N V K Y | D F E E M G | V I D E D V V L Q E E L | I K I W
 N S T A A E L R S V I I E D V I I N D V R E V | F L | D E G | V I D E Q V L L E E L | K T
 V A D F Y R S L I D E V I V A A G | L Q E | V E E G G | V I D E Q V L L M E L | K K L W
 A S N I Y K W V I D D V V S S M T A E F Q | A A G | I I D E S V L M E L | K T K W
 A S L Y E A I V D E V V I N Q S R Q D F Q | D D G | V I D T E A T | L Q E F K T R W
 D F Y L A V V E N V I E K N | R Q Q F | I S E G | V I D E D V L E E K | L R K I W
 P Q V Y R A I I D E V I M A N | K S E F E E G | G V I D E D V M A Q | L Q N V
 I K I I D E V I C | D A S Q | I D F E E E G G | V I D D S E T | L K L L K H R W
 V A S L Y L Q V M N N V I D G V R G D F S S E Q | L I D E S V L E S L | A S L W
 Q E A R Q V Y L D V I Q V I A N V | K A F | L D E G S | D E Q V L L E D L | R S L W
 S S E P R V Y R E I I E E V I R S T T E N N Y | R | G | I D K N V L E E I | K S T W
 N S Q P I V Y T S V I N D V I N V | V R E A F | F L E E S | V I D E Q A L | L E E L | K Q L W
 S D T S S S Y N Y V I D D V I N K S R | C D | L V Y N G | L D E S V L S Q L | Q S M W
 T S V G D V Y A K V I N D V C | E A S R Q | D F E E E G G | V I D E L A T | E E L | K K L W
 D L Y A E V I N K V E L M R | V D F E A G | V I D D V L H Y | V K T E W
 S T T S A L Y | H | V I E D V I N K V | R D E F I | N N G | P G E S V L N D L | Q G R L W
 M A E I Y G R I M G D V M E E S R N K F | I G Q G | M D T N V L S E L | Q Q R L W
 N T L V G D V Y Q K I I E E V V I Q A S S N D F E E S G | V I D M G S T | L Q E E L | Q Q V
 S N T S D A Y | R | I T N D V I S K S R N D | L V F T G | L D E S V L T E E L | H S I L W
 N Y E M S R | Y R D I I D E V I C | R S L | E S D A T E | L Y | F D S N T | A D L | K K T W
 S N T S N A H E F V I D D V I S K A R | C D | L V Y S G | L D E S V L S Q I | Q S K W
 V A G F Y S S V I N D V I E G M K E T F T Q E G | L D L L E Q L | R K V
 S V S N V Y K Y I I E E V I C | D S S Q | I D F E E S G | V I D D Q H T | L E E L | R K V
 A D I Y K G V I S D V I Q V | K E A F L | D E N V | D I D V L H Q | L R Q R W
 M E N V R E | F L | E E G | I I D E Q V L L R Q D F E N A G | V I D E Q T | L Q D L | R R I W
 R Q D F E N A G | V I D E Q V L L R Q D F E N A G | V I D E Q T | L Q D L | R R I W
 E I A S Q Y K A V M R E V I K N V A P | D F I A E H | V I D D F T I L Q Q | L E Q S W
 E I A S K Y Q E I R E V I K N V S A E F T | A E H | V I D V N G E V L K Q | L E K S W
 R L Y R T I I E D V I E N S I E F F V E E G | V I D E K T V L R D | L R D

UniRef90_S8AUV5 Q K K L S
 UniRef90_A0A059AFM7 E T K M M Q
 UniRef90_A0A023F011 E K R L Q E
 UniRef90_G7DVJ2 E V K L A
 UniRef90_V5G2U7 Q Q K L S
 UniRef90_UP10002C30579 E A K M M Q
 UniRef90_D3B937 E S R L M Q
 UniRef90_G4MXK1 Q Q K L T
 UniRef90_E4XCC0 L K K L
 UniRef90_A0A017SQ20 Q K K L S
 UniRef90_E4YRZ0 T K K L E E
 UniRef90_G3JJE4
 UniRef90_G8JVT7 Q S K L S E
 UniRef90_UP10004571EEE E N K I L
 UniRef90_G4V7M1 K S K L A
 UniRef90_F2TCA3 R K K L S
 UniRef90_V5I6L6 Q T K L S
 UniRef90_W1QB06 R D K L S
 UniRef90_R1GIC5 Q K K L S
 UniRef90_S8FU20 E K K V I
 UniRef90_S8AFN3 Q E K L S
 UniRef90_C5FUT3 Q S K L S
 UniRef90_R7Z5K4 Q K R L S E
 UniRef90_U5HEN4 E A K V A
 UniRef90_UP100032AA688 E S K M I Q
 UniRef90_M2MQ72 R T K L S
 UniRef90_J9K8X1 E S K V M
 UniRef90_B3SC95 E L K I V Q
 UniRef90_N6UOJ5 E T K L A
 UniRef90_K7UIV7 I S D L S
 UniRef90_T1M095 E T K L L
 UniRef90_H3ET76 E E K I A Q
 UniRef90_K0KDX5 R E N L S Q
 UniRef90_B2AAN0 Q T R I
 UniRef90_M7WTY4 E L R L A Q
 UniRef90_F1L5W3 E D K L M
 UniRef90_D8QBP9 E Q K V I
 UniRef90_G1XRC0 Q E K L S
 UniRef90_G4TGV1 E S R V
 UniRef90_B7Q5G2
 UniRef90_U6JF86 S S K L A E
 UniRef90_G8BXN3 R E K L S E
 UniRef90_F4PU78 E T R L
 UniRef90_C5DGZ2 Q T K L S E
 UniRef90_E4YYV5 K R K L A E
 UniRef90_B2W4N7 Q E R L S
 UniRef90_W2RMK4 Q K K L S
 UniRef90_Q4SGX0
 UniRef90_Q0U9N8
 UniRef90_O44625 E D K V
 UniRef90_A0A044TZN6 E E K L I
 UniRef90_F4RJK6 E T K L A
 UniRef90_J3KNC0
 UniRef90_A0A022S0X4 E L K M M E
 UniRef90_A0A059LGT4 E Q R L N E
 UniRef90_Q0D044 D K R
 UniRef90_U6IHJ3 V S K
 UniRef90_G3VCP6 E N K L M Q
 UniRef90_A2T7K2 H D K L
 UniRef90_I4Y8M6 G D K I G E
 UniRef90_M7AK72 E E K L R Q
 UniRef90_D2VU95 N E K I A
 UniRef90_A8IUE3 E E K I N Q
 UniRef90_R4XA79
 UniRef90_J9IEN0
 UniRef90_L8WC11
 UniRef90_U1GFG5 Q K K L S
 UniRef90_C1MKV2 E R K L L Q
 UniRef90_F2UEK5 L A N L Y E
 UniRef90_I3E115 I A K I C E
 UniRef90_R7UDT7 E S K L R Q
 UniRef90_Q9FIF4 K T K M I Q
 UniRef90_W9WMZ9 E N K L A E
 UniRef90_T1EPC2 T E K L
 UniRef90_B2BXN9
 UniRef90_L1JRM5
 UniRef90_N1PSJ7
 UniRef90_M4CEG4 R R K M I Q
 UniRef90_S7W4U3 T Q K L
 UniRef90_R0GCX2 K T K M I Q
 UniRef90_A9NX18 E L K M M Q
 UniRef90_U6JAR3
 UniRef90_D4B0C8
 UniRef90_F0ZSA7 E A R L E Q
 UniRef90_S8D5R6
 UniRef90_W5LLM1 E S K V L Q
 UniRef90_Q74ZW6 Q S K L S E
 UniRef90_F8PW57 E S K V I
 UniRef90_Q01EM7 E R K L L Q
 UniRef90_A4RSS9 E H K L L Q
 UniRef90_S4R6Q6
 UniRef90_S4A969 H E K V

UniRef90_A8N7A3
UniRef90_B8PGU7
UniRef90_A9UTS8
UniRef90_A0A059EHV0

1 10 20 30 40
Q N T R K V Y Y D V I E D T I E N M R Q P L L D D G M D M T S I D R L K E V W
N F E I N R V Y R F I I E E V C R T V E D E S I L T N I D S V A L K E L K T G W

lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm



UniRef90_A8N7A3
UniRef90_B8PGU7
UniRef90_A9UTS8
UniRef90_A0A059EHV0

E S K | V I |
Q S K | V L |
L E N L I |
Y E K | L A E |

lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
jpssm

9 8 7 3 5 9
B

