

QUERY
UniRef90_L01Z30
UniRef90_D5P8S3
UniRef90_Z5XFQ2
UniRef90_UP100036C0CCC
UniRef90_A1UC7
UniRef90_D5P7J6
UniRef90_UP10002F09C86
UniRef90_F5Z2Q1
UniRef90_14BST0
UniRef90_A3Q538
UniRef90_L8F5N5
UniRef90_E6TPT0
UniRef90_I0RRA6
UniRef90_I0S004
UniRef90_A4T1X8
UniRef90_L8FIH3
UniRef90_U5WV69
UniRef90_A4TG03
UniRef90_G7CJ26
UniRef90_Q73VR2
UniRef90_X8BNC5
UniRef90_W9BJK9
UniRef90_A3PSI6
UniRef90_S7RFG6
UniRef90_16YKP2
UniRef90_G7CMZ1
UniRef90_14BPX6
UniRef90_L0J938
UniRef90_G8RRL6
UniRef90_L8F3P1
UniRef90_L0JAQ8
UniRef90_UP100041C42DD
UniRef90_A0A024JWD4
UniRef90_W9AWF4
UniRef90_A1UPD7
UniRef90_X5LIB7
UniRef90_X7V6Q3
UniRef90_F5Z014
UniRef90_G418G4
UniRef90_G8RT36
UniRef90_W9BMC4
UniRef90_A0R3W3
UniRef90_UP100038227DD
UniRef90_X5LR34
UniRef90_UP1000373AFB4
UniRef90_UP1000367A00A
UniRef90_12AHM4
UniRef90_B1MBL6
UniRef90_Q73Z85
UniRef90_Z5X4J7
UniRef90_L0IP89
UniRef90_L0IRE6
UniRef90_X8DLD2
UniRef90_X8AQJ5
UniRef90_I2AH33
UniRef90_10PX46
UniRef90_G41538
UniRef90_M0QPU2

1 10 20 30 40

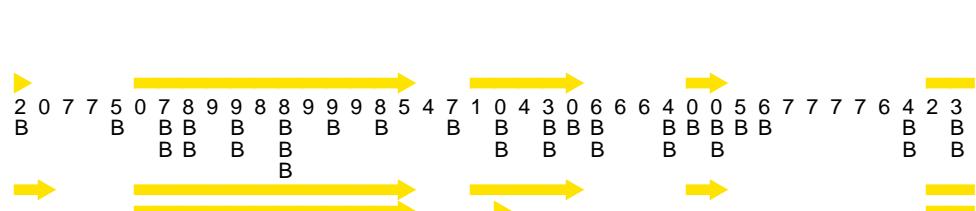
S A Y P I T G K L G S E L T M T D T V G Q V V L G W K V S D L K S S T A V I P G
G P T V G K F G S Q G T L V D A G G A V V Q G W T V T N L R P S S D V I P P
Y P V R Q S F G T Q E Q L N D S D G A V I T G W T V S N L H P S N D P I P G
Y P I V G R L G S P L T M T D S V G Q V S L S W K V S D L K P S S D V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

Diagram illustrating the sequence of numbers and the placement of 'B's:

- Group 1: 9 9 8 7 5 B B
- Group 2: 2 2 5 6 7 6 4 B B B
- Group 3: 1 6 8 8 8 7 4 B B B B B B
- Group 4: 3 6 6 6 5 4 5 5 3 B B B

QUERY
 UniRef90_L0IZ30
 UniRef90_D5P8S3
 UniRef90_Z5XFQ2
 UniRef90_UP100036C0CCC
 UniRef90_A1UCZ7
 UniRef90_D5P7J6
 UniRef90_UP10002F09C86
 UniRef90_F5Z2Q1
 UniRef90_I4BST0
 UniRef90_A3Q538
 UniRef90_L8F5N5
 UniRef90_E6TPT0
 UniRef90_I0RRA6
 UniRef90_I0S004
 UniRef90_A4T1X8
 UniRef90_L8FIH3
 UniRef90_U5WV69
 UniRef90_A4TG03
 UniRef90_G7CJ26
 UniRef90_Q73VR2
 UniRef90_X8BNC5
 UniRef90_W9BJK9
 UniRef90_A3PSI6
 UniRef90_S7RFG6
 UniRef90_I6YKP2
 UniRef90_G7CMZ1
 UniRef90_I4BPX6
 UniRef90_L0J938
 UniRef90_G8RR6
 UniRef90_L8F3P1
 UniRef90_L0JAQ8
 UniRef90_UP100041C42DD
 UniRef90_A0A024JWD4
 UniRef90_W9AWF4
 UniRef90_A1UPD7
 UniRef90_X5LIB7
 UniRef90_X7V6Q3
 UniRef90_F5Z014
 UniRef90_G418G4
 UniRef90_G8RT36
 UniRef90_W9BMC4
 UniRef90_A0R3W3
 UniRef90_UP100038227DD
 UniRef90_X5LR34
 UniRef90_UP1000373AFB4
 UniRef90_UP1000367A00A
 UniRef90_I2AHM4
 UniRef90_B1MBL6
 UniRef90_Q73Z85
 UniRef90_Z5X4J7
 UniRef90_L0IP89
 UniRef90_L0IRE6
 UniRef90_X8LDL2
 UniRef90_X8AQJ5
 UniRef90_I2AH33
 UniRef90_I0PX46
 UniRef90_G41538
 UniRef90_M0QPU2

	50	60	70	80
QUERY	P V A G Q V	W E A T A T V N A I R G S V T P A V S Q F N A R T A D G I N Y R V		
UniRef90_L0IZ30	F P V Q G R L	W E A S A T D T A I R G T V T P I I P D M N S R A A N G D N Y R V		
UniRef90_D5P8S3	Y Q P H G K L	W E A T A T V K A I K G T V T P L V A D F N A R A A N G Q N Y P E		
UniRef90_Z5XFQ2	Y P V E G R L	W E A T A T V D A I S G P V T P A I S Q F N A V A P N Q A A Y R V		
UniRef90_UP100036C0CCC	Y P V A G Q L	W E A T A S V H A V S G T V T P V I P N L A A V S G S E E H Y R A		
UniRef90_A1UCZ7	Y P L A G R L	W E A T A T V N A V T G T V T P V I P N L R A V G A G K E S Y P V		
UniRef90_D5P7J6	Y T P T G K L	W E A T A T V R S I R G T V T P A I S Q F N A I A P N A A A Y R V		
UniRef90_UP10002F09C86	Y Q P R G K L	Y Q A D V T A R A D R G T V T P V I A D F N A R A A N S D T Y R V		
UniRef90_F5Z2Q1	Y P V A G K V	W E S T A T V N A I R G S V T P A I S Q F N A V A P D R A A Y R V		
UniRef90_I4BST0	F P V A G Q L	W E A T A T V M A V S G T S T P V I P N F S A T S D G G S Y P V		
UniRef90_A3Q538	Y P L A G R L	W E A T A S V E A L T G A V T P P I I P N V Y A V S A S G E R Y Q V		
UniRef90_L8F5N5	Y E V R G K L	W E V T A T D E A V Q G N V T P V I V S N F N V R A A D G T N Y R A		
UniRef90_E6TPT0	Y P L A G Q L	W E A T A S V T A T S G G S T P P I I P N F N A S T A D G G S Y R V		
UniRef90_I0RRA6	Y P V Y G T L	W E A T A T D E A I Q G S V T P P I I S N L N A R A A D G T N Y R V		
UniRef90_I0S004	Y P S A G K I	W Q A D V T A V A Q S G T V T P L V A D F N A R A G N G Q N Y R V		
UniRef90_A4T1X8	Y T A R G Q V	W E A S A T V R A V T G T V T P P I I P N L Y T V T A A G Q R Y P V		
UniRef90_L8FIH3	Y A V Q G T L	W E A T A T D E A V S G S V I P V I V S N l N A R A A N G E N Y R V		
UniRef90_U5WV69	Y T P H G K L	Y Q A E V T A K S V S G V V T P V V S D F N A R S A S G Q N Y R V		
UniRef90_A4TG03	Y P V V G T L	W E A T A T D T A V E G S V I P V I V S N F N A R A R S G Q T Y R V		
UniRef90_G7CJ26	Y E V Q G T L	W E A T A T D E A I Q G T V I P V I V S N l N A R S A D G E N Y R V		
UniRef90_Q73VR2	Y T P K G T L	Y Q A D V S V R S D G G V V T P M V H D F I A R G P N G Q N Y R V		
UniRef90_X8BNC5	Y S P A G Q L	W E A S A T V K A A R G T I T P L I P N l A A H A T G A H Y P V		
UniRef90_W9BJK9	Y P V A G Q L	Y E A T V T V D A V R G A V S P P V V P F F N A R A E N G A S Y R V		
UniRef90_A3PSI6	Y A V R G T L	W E A T A T D E A I Q G A A T P I V V S N F N A R A R N G E T Y R A		
UniRef90_S7RFG6	Y L P Q G Q L	Y S A D V T A R S V T G T I T P L V S S F N A R A A N G D T Y G V		
UniRef90_I6YKP2	Y P V A G Q L	W E A T A S V H A V T G S V T P L I P N l G A V S G S Q E R Y P A		
UniRef90_G7CMZ1	V A L Q G R L	W E V S V T V E A V E G E A A T P V I P F F N A R S A D G Q N Y R A		
UniRef90_I4BPX6	Y R P A G Q L	W E A T A T D E A I S G N V T P I V S N l N A R A K N G D T Y R V		
UniRef90_L0J938	Y P V A G T L	W E A T A T D T A V R G T V Q P P V V S N l N A R A R S G Q T Y R V		
UniRef90_G8RR6	Y P V A G R L	Y E A T L K V N A F G N W A N P V I P R F N A R A E N G Q G Y Q A		
UniRef90_L8F3P1	Y P L A G R L	W E A S A T V R A V V S G T V T P V I P N F R A T G K G Q Q S Y P V		
UniRef90_L0JAQ8	Y P V R G T L	W E A T A T D T A I S G G V T P P I V V S N F N A R A R N G D T Y R V		
UniRef90_UP100041C42DD	Y Q P R G A L	W E A T A T D E A I Q G T V F P P I V V A N l S A R S A S G Q N Y Q A		
UniRef90_A0A024JWD4	F Q P A G Q L	Y Q A D V T A K A N T G T V E P Q I S R F A A R F N G T V Y K V		
UniRef90_W9AWF4	Y Q P H G T L	W E A T A T D E A L Q G S V T P P I V V S N l N A R A R N G D T Y R A		
UniRef90_A1UPD7	H V R G A L	W E A T A T N T A V A G T V Q P P I V V S D l N A R A R N G D T Y R T		
UniRef90_X5LIB7	Y D V K G T L	W E I T A T S E A L E G S V T P P I V V S N F N I R S A D G H N Y R A		
UniRef90_X7V6Q3	Y Q P K G T L	W E A T A T D E A I Q G S V I P V I V A N F N A K A N D G E T Y R V		
UniRef90_F5Z014	Y Q P H G T L	W E A T A T D V A I I Q G T V T P V V V A N l G A R S P S G Q T Y P A		
UniRef90_G418G4	Y P V H G T L	W E A T A T G V A V A G T V T P V V V S N F N A R A A D G A T Y R V		
UniRef90_G8RT36	H N G Q L	Y E A T M T V D A F G G V V A N P E I Q R F N A R A E N R A M Y R L		
UniRef90_W9BMC4	V P V N G T L	Y E A T A T V Q A V Q G Q T A T P V V T D F N A R A S A V G T D Y R A		
UniRef90_A0R3W3	T E V E G Q L	Y E A T A T I E A K E G T V T P V L S N F N A R T A D G Q S Y Q A		
UniRef90_UP100038227DD	H N G R L	Y S A T V T V E G V G G W A N P I V G F F N A R A E S G A N Y R V		
UniRef90_X5LR34	V P V T G Q L	W Y A P I A V T A V R G S V I P E M Q S F N R A T P D G R N Y R M		
UniRef90_UP1000373AFB4	H L N G T L	W E A T A T T Y A E R G N S Q P F V P N l N A R T A A G E N Y R V		
UniRef90_UP1000367A00A	H N D G I	W Y S D V T A E A V N G S P T P N I A D F N A R A V N S S T Y A V		
UniRef90_I2AHM4	H N D G I	W Y S D V T A T G V V R G N A T P V I A D F N A R A V N S S T Y A V		
UniRef90_B1MBL6	H N D G V	W Y S D V T A R A V S G S P T P N I A D F N A R A V N S S T Y A V		
UniRef90_Q73Z85	H N D G V	W Y S D V T A K G V V S G N A V P N I A D F N A R A V N S S T F A V		
UniRef90_Z5X4J7	H N G T L	Y S A K L T I D G F G G S Y P P F I E R F G A R A E S G E F Y P S		
UniRef90_L0IP89	H N G Q L	Y E A T V N V E A R G A M P M V P M F N A R A Q S G A N Y R V		
UniRef90_L0IRE6	H N G R L	Y E A M V T N D G G P I A A L F N A R A Q S G A N Y R V		
UniRef90_X8LDL2	H N D G V	W Y S D V T A R A V S G S P T P N I A D F N A R A V N S S T Y A V		
UniRef90_X8AQJ5	M T A V A Q S G T	M T A V A Q S G T V T P L V A D F N A R A G N G Q N Y R V		
UniRef90_I2AH33	M T A V A Q S G T	M V A D F N A R A A D G T T Y R L		
UniRef90_I0PX46	V P A K G T I	V P A K G T I Y A V D V T I V A K T G T I A Y N G F W F V A R A S D G S N V A P		
UniRef90_G41538	A D V K G E L	A D V K G E L W Q V T A T I Q G T K G T V N P L Y F S A A T N D G T H L E A		



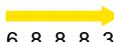
QUERY	90	100	110	120
UniRef90_L0IZ30	L W Q A A G P D T I S G A T I P Q G E Q S T T G K I Y F D V T G P S P T I V A M N			
UniRef90_D5P8S3	I W N V A L E K G V N P S T L I A Q G Q G S T T G K I Y F D V T A T D P N S V V Y N			
UniRef90_Z5XFQ2	L G N V A T A Q G V N P A S I I P P Q G Q Q K T A T G K I Y F D V T V I G P N P D N V V Y N			
UniRef90_UP100036C0CCC	L W M V A A P S N I I S G A T I P Q G A T A T G K I H F D V T G P A P T T V T M N			
UniRef90_A1UCZ7	L W Q L A S P A G L P G A T I L A E Q G S S T G K I Y F D V T G G G A P A M V I Y Q S			
UniRef90_D5P7J6	L W Q I V A S P G I I P A A T L A Q G Q S S G G K I H F D V T G T D P A S V V V Y S			
UniRef90_UP10002F09C86	I N T V P T P G G I I N P G P I I A Q G A A A N G K I Y F D V T G P P P D G V V Y N N			
UniRef90_F5Z2Q1	L W Q V A A P K A I I S G A T I P Q G A Q S T T G K I Y F D V T G P P P T T V T M N			
UniRef90_J4BST0	L W Q V A S P Q G I I S A A T L A Q G Q T S T G K I Y F D V T G G D P M A V K Y T			
UniRef90_A3Q538	L W Q L A S P S S I I P G A T I I S Q G Q T S T G K I Y F D V T G A D P M A V I Y T			
UniRef90_L8F5N5	L F Q V A T P Q G V N P S T L I P Q G E K A S G K I Y F D V T G P E P T T V V Y N D			
UniRef90_E6TP0	L W Q M A S P Q G I I S G A A L I A Q Q G Q T A T G K I Y F D V T G G D P V A V S Y D			
UniRef90_I0RRA6	L F G A A T P Q G V N P A T L I A E Q G Q T T T G K I Y F D V T G P D P D R V V V Y N			
UniRef90_10S004	I I P P P A P P N G L I D A P L I A Q G Q Q A S G G K I Y F D V T G A P P D S V V V Y N			
UniRef90_A4T1X8	L W Q I A S P Q G L I P A T T L I G E Q G Q Q A S S G A I Y F D V T G P Q P M A V V V Y N			
UniRef90_L8FIH3	L F Q V A T P Q G V N P S T L I A P Q G Q K T T G K I Y F D V T G E A P T T V V V Y N			
UniRef90_U5WV69	I I D T V P V P N G L I N P A P I I N Q Q G D Q R S G L I Y F D V T G Q Q P P N G V V V Y N			
UniRef90_A4TG03	L F G V A T P Q G V N P S T L I G Q G E S T T G T I Y F D V T G D A P D S V V V Y N			
UniRef90_G7CJ26	L F Q V P T P Q G V N P E A L I A E G E K T T G K I Y F D V T G Q Q P P E S V V V Y N			
UniRef90_Q73VR2	I I D N V A V P N G L I S P A P I I P Q G T E S T T G T L Y F D V T G A P P N G V V V Y N			
UniRef90_X8BNC5	L W Q V G T D Q G L I P G A T I L N E E Q G Q T S S S G T L Y F D V T G P D P M A V V V Y S			
UniRef90_W9BJK9	L A N V F T P Q G L I S G G T V L P L G Q G Q E S S T T G K L Y F D V T G D A P N S V V V Y N			
UniRef90_A3PSI6	L W Q V A T A Q G V N P S T L I L Q Q G Q N S Q S G V L Y F D V T G G A Q P D S V V V Y N			
UniRef90_S7RFG6	V N E V P A P G G L I N P A P I I L Q Q G Q N S Q S G V L Y F D V T G P P P N G V V V Y N			
UniRef90_I6YKP2	L W Q V A S P Y G I I P A A T I I A Q G Q H T A T G K V Y F D V T G E A P A M V T Y Q			
UniRef90_G7CMZ1	L F T A V G E E A L I S G A T I L I G Q Q G Q E T T E G N I I Y F D V T G A P P T E V V V Y N			
UniRef90_I4BPX6	L F G V A T P Q G V N P S T L I A Q G Q G Q K T T G K I V Y F D V T G E K P D S V F Y S			
UniRef90_L0J938	L F G V A T P Q G V N P A P I I L A E G E Q T T T G K V V Y F D V T G D T P D S V L Y N			
UniRef90_G8RRL6	I I T N V F I P Q A I I Q G N A V P P N G S S S S G K L V Y F D V T V G V D P N S V V V Y N			
UniRef90_L8F3P1	L W Q L A S P A G I I S A A T L I Q Q G Q S S S S G K L M Y F D I T G A D P S A V I Y N Q			
UniRef90_L0JAQ8	L F T V A T P Q G V N P S G L I A Q Q G Q Q T T G K L V Y F D V T G A N P D S V V V Y N			
UniRef90_UP100041C42DD	I I L F T V P T A Q G I I P A A P A L I T Q Q G Q K T T G K V V Y F D V T G Q K P I G V V Y T			
UniRef90_A0A024JWD4	V N I G P V P N G L I D P S P I I E P Q G Q Q R S G E L V Y F D V T G Q K P I G V V Y T			
UniRef90_W9AWF4	L F G V A T P Q G V N P S T L I Q Q G E K T T T G K V V Y F D V T G E A P D S V V V Y Y A			
UniRef90_A1UPD7	L F L V A T P Q G I I N P A A L I A Q Q G Q Q T S G K I V Y F D V T G A Q P D S V V V Y N			
UniRef90_X5LIB7	L F Q V P T E Q G V N P A T I I A Q Q G E K T T T G K V V Y F D V T G D K P T T V V Y N			
UniRef90_X7V6Q3	L Y G V A S A Q G V N P G T L I S S Q G E K T T T G K V V Y F D V T G A N P E T V T Y T			
UniRef90_F5Z014	L F G V A T P Q G V N P S N L I A Q Q G Q K T T T G K V V Y F D V T G D A P N S A V Y Q			
UniRef90_G4I8G4	L F G A A T P L G V N P A T L I A E S Q S H T T T G K L V Y F D V T G P A P E T V V V Y N			
UniRef90_G8RT36	L T A T A G I I G G P V Q P P G G S A T T G K L V Y F E V V G E A P N S V V V Y S			
UniRef90_W9BMC4	V V P A P T A T G V N P T P L I L Q Q G T S S T D T G K I V Y F D V T G P A P E S V V V Y S			
UniRef90_A0R3W3	V V Y E V P A S E G N P E P L I T E Q G A S T T T G K V V Y F D V T K G E A P D S V V V Y S			
UniRef90_UP100038227DD	I I G G G V P S A P I P P G G T T T T G K L V Y F D V T V I G E A P N S V V V Y N			
UniRef90_X5LR34	L D Q T L A P D L G V V S P M D E G Q R T T A G N I V Y F D V T T G P P P T A V V V Y T			
UniRef90_UP1000373AFB4	L W G A A T P Q G I I P N P A G L I A E Q Q E S S K G K I V Y F D V T V T G N G T A P D S V V V Y R			
UniRef90_UP1000367A00A	M M K G N E V D G L I P N G P I I T Q G S E T T S G R V Y F D V T V T G N G T A P D S V V V Y R			
UniRef90_I2AHM4	M M K G H E V D G L I P N Q P I I A P G A Q A T G R L Y F D V T V R G T A P D S V V V Y D			
UniRef90_B1MBL6	M M K G D K P D G L I P N Q P L I T A G S Q T T G R I Y F D V T V R G T A P D S V V V Y D			
UniRef90_Q73Z85	M M K G N Q T D G L I P E G P L I P L G T P V T G R T N P D S V V V Y D			
UniRef90_Z5X4J7	I I W L G G G V P S A P I P P G G T T T T G K L V Y F D V V V G D V P N S V V V F N N			
UniRef90_L0IP89	I I G G G V P S A P I P P G G T V P G K L L Y F D A V G D A P N S V V V Y N			
UniRef90_L0IRE6	I I G G G V P S A P I P P G G T V P G K L L Y F D V V V G D T P N S V V V Y N			
UniRef90_X8DLD2	M M K G N K P D G L I P N Q P L I T A G S Q T T G R I Y F D V R G T A P D S V V V Y D			
UniRef90_X8AQJ5	I I I P P P A P P N G L I S D A P L I L A Q Q G Q Q A S G G K I Y F D V T V T G A P P D S V V V Y N			
UniRef90_I2AH33	V V N T V P V P D G L I S P D T L I V V Q G D Q S N G K L V Y F D V T G A P P N G V V V Y N			
UniRef90_I0PX46	P P W Q L A S T S G I I S S G A T I L A E Q G A T A T T G K V Y F A V T S A K P A L M D M A			
UniRef90_G4I538	A V V G A V Q P G I I T S Q G Q L I Q Q G Q Q V A A H L A Y D V			
UniRef90_M0QPU12	S I I G G A A E Q I I G T A S I I P S G Q S T S G A V A F D V			

lupas_21
lupas_14
lupas_28
jnet
conf
sol25
sol5
sol0
jhmm
inssm

130

QUERY	N G M E D [L L I] W E P
UniRef90_L0IZ30	D G [V Q D L L I W [V
UniRef90_D5P8S3	A G G R D L L V W T
UniRef90_Z5XFQ2	N G M E D L L I W T P
UniRef90_UP100036C0CCC	D G A M P T L M W
UniRef90_A1UCZ7	A G S K P L M M W
UniRef90_D5P7J6	N G M E D L L I W G P
UniRef90_UP10002F09C86	D G [V E D V L I W T
UniRef90_F5Z2Q1	N G M E D L [M V W G P
UniRef90_I4BST0	A G G A E P L M W
UniRef90_A3Q538	N G G T P A M M W
UniRef90_L8F5N5	A G G K D [L L V W
UniRef90_E6TPT0	A G G S E P L M W
UniRef90_I0RRA6	A G G [L D L L V W T
UniRef90_I0S004	D G [V E D V L I W T
UniRef90_A4T1X8	N G T P T Q L F W
UniRef90_L8FIH3	D G E R D L L A W
UniRef90_U5WV69	D G [V Q D V L I W T
UniRef90_A4TG03	A G G P D L A V W
UniRef90_G7CJ26	D G E K D L V V W [V
UniRef90_Q73VR2	D G M Q D V L L M W T
UniRef90_X8BNC5	N G T A P A M M W
UniRef90_W9BJK9	N G E H D L L G W [V
UniRef90_A3PSI6	D G G Q D L L L W [V
UniRef90_S7RFG6	D G [V Q D V L I W T
UniRef90_I6YKP2	G G G G S M L M W
UniRef90_G7CMZ1	D A [V Q D R L I W
UniRef90_I4BPX6	S G G P D E L L W [V
UniRef90_L0J938	A G G P D L A V V W [V
UniRef90_G8RRRL6	D G [V R D I L A W [V P
UniRef90_L8F3P1	
UniRef90_L0JAQ8	A A G T D [L L W
UniRef90_UP100041C42DD	T G G A D L I R W [V
UniRef90_A0A024JWD4	D R E D D F L V W T
UniRef90_W9AWF4	N A D Q D L I V W
UniRef90_A1UPD7	D G A R D L A V W
UniRef90_X5LIB7	S G G R D L L V W
UniRef90_X7V6Q3	S G D E D L L T W K
UniRef90_F5Z014	F A G K D Q L I W [V
UniRef90_G418G4	S F G T D R A V W
UniRef90_G8RT36	D G T R D V I A W [V P
UniRef90_W9BMC4	S G G Q D V L V W K
UniRef90_A0R3W3	D [V G S D E V I W T
UniRef90_UP100038227DD	D G F Q D L M V W [V P
UniRef90_X5LR34	D G A Q D R L T W
UniRef90_UP1000373AFB4	D G D R E V I K W
UniRef90_UP1000367A00A	D A G H D K V V W K
UniRef90_I2AHM4	A A G [V D K V V W K
UniRef90_B1MBL6	A G G T D K V V W K
UniRef90_Q73Z85	A G G T D K V V W K
UniRef90_Z5X4J7	D G T R D [L L A W [V P
UniRef90_L0IP89	D G [V Q D L L T W I P
UniRef90_L0IRE6	D G [V Q D L L V W [V
UniRef90_X8DLD2	A G G T D R V V W K
UniRef90_X8AQJ5	D G [V E D V L I W T
UniRef90_I2AH33	D G V N D V L I W T
UniRef90_I0PX46	L P M A D C L C
UniRef90_G4I538	
UniRef90_M0QPU2	

lupas_21
 lupas_14
 lupas_28
 jnet
 conf
 sol25
 sol5
 solo
 jhmm
 jpssm


 7 8 8 4 6 8 8 8 3 7 9
 B B B B B

