

QUERY	1	10	20	30	40
UniRef90_UPI00040384F8	M T R R V A I G T D H G G G Y N L L K N E L I M A Y L V K E A G D E F V P V Y C G P K T Y T S				
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UniRef90_D3T5F6	K K V I A L G S D D H G G G Y D L L K K E A I K K Y L L D E K G I A Y K D F F G T T V S S				
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UniRef90_D6Y4Q7	M R V Y I G A D D H A G F H E L K N R L V A W L L K E R G H E V E D C G P F T T Y D S				
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QUERY UniRef90_UPI00040384F8 UniRef90_B1B8L2 UniRef90_A8MJX2 UniRef90_D3T5F6 UniRef90_A3DIL8 UniRef90_B8CZ23 UniRef90_UPI0003602E7B UniRef90_K6P0N9 UniRef90_D9TSZ4 UniRef90_G9QJ93 UniRef90_D3PBK5 UniRef90_D6Y4Q7 UniRef90_D3SPV9 UniRef90_E3PTP5 UniRef90_W7YSM0 UniRef90_UPI000287E20F UniRef90_U2EKM4 UniRef90_Q1S85 UniRef90_B9MPJ5 UniRef90_UPI000376BC3D UniRef90_R5P0C3 UniRef90_UPI000344F105 UniRef90_B5YDB6 UniRef90_U1Y484 UniRef90_E4TFN7 UniRef90_D4MUK6 UniRef90_UPI0003B670BB UniRef90_A5IN96 UniRef90_I4DCFO UniRef90_F9N7B1 UniRef90_E6MIH6 UniRef90_C6WQ44 UniRef90_H6LFS6 UniRef90_E4KMI8 UniRef90_A0A017RZ19 UniRef90_R7G7F1 UniRef90_X1TW21 UniRef90_E7GN06 UniRef90_A0A010ZNT8 UniRef90_UPI000237AD88 UniRef90_M1E4E5 UniRef90_R5BQH9 UniRef90_F5XP55 UniRef90_R5UB26 UniRef90_D4J198 UniRef90_A7HL60 UniRef90_D6GS78 UniRef90_X0THV0 UniRef90_UPI00047E27D8 UniRef90_R7AGB1 UniRef90_UPI00037379A1 UniRef90_D9S004 UniRef90_B4CYH7 UniRef90_F8I9S5 UniRef90_UPI00040370FD UniRef90_D6Z8S8 UniRef90_F9Z5S2 UniRef90_UPI000287B8EF UniRef90_G7LT13 UniRef90_S9U4T7 UniRef90_D1VRM3 UniRef90_UPI000353E69 UniRef90_R6H510 UniRef90_UPI000345AFB3 UniRef90_N6W8N3 UniRef90_C9XLA2 UniRef90_UPI00046F1888 UniRef90_D0GIU4 UniRef90_R7IM60 UniRef90_D3L254 UniRef90_R7LSZ3 UniRef90_V8CVW2 UniRef90_D7N784 UniRef90_N0B4A6 UniRef90_D9VAQ2 UniRef90_A0A023CXJ1 UniRef90_B1N6P2 UniRef90_I3Z2K6 UniRef90_C6J1G1 UniRef90_B3E1Z9 UniRef90_UPI00047E259A UniRef90_UPI0003B478E8 UniRef90_C0E9M2 UniRef90_V9XZY6 UniRef90_UPI00029B147B UniRef90_G8R5K5 UniRef90_V2Y543 UniRef90_M7NAX8 UniRef90_R6YUK0

50 60 70 80

A E S V D Y P D F A S R V A E M V A R K E V E F G V L A A G S G I G I G M S I A A N
T E S C C D Y P D Y A L K V A E A V A S K K E F E F F G G I L V C C C C G T G I G I G I G M S I A A N
E A S C C D Y P E Y A L Q K V A E E A V V A K K E F Y F F F G G I L V C C C C G T G I G I G I G M S I A A N
T A S V D Y P D F A G A K V A G E A V V V A G G E F Q R D R G G I L V C C C C G T G I G I G I G M S I A A N
T A S V D Y P D F A L K V A E A V V A S G G E F S R E R G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ D 3 T 5 F 6
U n i R e f 9 0 _ A 3 D I L 8
U n i R e f 9 0 _ B 8 C Z 2 3
D E S V D Y P D F A Y L K V A A S G V A S G G E Y D R R G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U P I 0 0 0 3 6 0 2 E 7 B
E Q S V D Y P D Y A L Q V A C Q K V V E G N V E R R G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ K 6 P 0 N 9
R E S C C D Y P D Y A R A A C Q K S I L E G G E A D R A G V L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ D 9 T S Z 4
K E S V D Y P E Y A L K V A E K I V R N G G E S D R A G I L L C C C C G T G I G I G I G M S I A A N
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E T S V D Y P D Y A L P V A E K I V A N G G E F D R A G I L L C C C C G T G I G I G I G M S I A A N
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P E S D D Y P P F F L R A R A R G V A E N P G S L G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ D 3 S P V 9
Q E S T D Y P I F A R E V S L A V V Q R G E A E R G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ E 3 P T P 5
S D S V D Y P D Y G K K V A C Q S V T D N E V E K G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ W 7 Y S M 0
T D S V D Y P D Y A L P V A E Q V T A G T A D R G G I L L C C C C G T G I G I G I G M S I A A N
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D G S V D Y P D F A L K P V A E G V A N G G E F D R R G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U 2 E K M 4
E E S C C D Y P D F A L K V A S E D V S S K R F D L G G I L L V C C C C G T G I G I G I G M S I A A N
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P D S V D Y P D F A Q R V A E T V A V A V G G V E R G G I L L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ B 9 M P J 5
Q E S C C D Y P D I A K D V A L A V A K N E E F T F G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U P I 0 0 0 3 7 6 B C 3 D
T A S V D Y P D I L A Q T V S G E K I A A G G E F E R K G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ R 5 P 0 C 3
P T E S M D Y P D T V I H P L S V G A I E K G E Y D R K G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U P I 0 0 0 3 4 4 F 1 0 5
T E R F D Y P I S G Y A V G K A V A S G D V D L G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ B 5 Y D B 6
P E R V D Y P D Y G I L V A R A V A T G G F F E K G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U 1 Y 4 8 4
D S V D Y P D Y A L P V A E K V A T G G A F D R G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ E 4 T F N 7
S E S V D Y P D F A L K A V I E S I L M K E A D R A G I L M C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ D 4 M U K 6
E E S C C D Y P V I Y A K A V A N A V K D G G E V K Q R G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U P I 0 0 0 3 B 6 7 0 B B
L S V D Y P D F G F K V G E S V A S G Q S Q E R R G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ A 5 I N 9 6
E E S V D Y P D Y A K K V V Q S I L S N E A D F G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ I 4 D C F O
N E S V D Y P L Y G F A V G N A I L A G E A D L G G I L A C C C C G T G Q G I G I G M A A N
U n i R e f 9 0 _ F 9 N 7 B 1
T D S M D Y P D V A K P L A E A V A A G G E F D R R G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ E 6 M I H 6
E Q S V D Y P D Y G L A V A E T V A A G G A E R G G I A I C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ C 6 W Q 4 4
A E D D Y P P F F C I E R A R V V A A D E G S L G G I V I G G S G N G E Q I A A N
U n i R e f 9 0 _ H 6 L F S 6
T D S C D Y P I Y G E R V A G E A V S F G D C E R G G I A I C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ E 4 K M I 8
L D S V D F P D Y S A Q V C Q K L D V Q E A E L G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ A 0 A 0 1 7 R Z 1 9
T S S C C D Y P D Y G L S L A E A V A S G E F D C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ R 7 G 7 F 1
T Q S V D Y P D F A A P C A K A V A S K E Y D R G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ X 1 T W 2 1
A D S T D F T D W G I K V A E V V A K N E F K R G G I L V C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ E 7 G N 0 6
T E S C C D Y P V I Y G E K V A G K A V A A G A K L G G I A I C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ A 0 A 0 1 0 Z N T 8
A E D D Y P P F F C V E T A R R V V A D E G S L G G I V L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ U P I 0 0 0 2 3 7 A D 8 8
A Q D D Y P P F F C V E T A R R V V A D E G S L G G I V L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ M 1 E 4 E 5
N E S V D Y P P I L A K A R A V A S T A G K C E R G G I V L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ R 5 B Q H 9
Y E S C N Y P P E Y G E K V G R A V A A G D V D L G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ F 5 X P 5 5
P E S D D Y P V I Y C L P A A Q A V V D D P G S L G G I V I G G S G N G E Q I A A N
U n i R e f 9 0 _ R 5 U B 2 6
S E S C C D Y P K Y G E A V G R A V A A K E V D C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ D 4 J 1 9 8
N E S C H Y P P E Y G E K A R M V A A G E V D L G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ A 7 H L 6 0
I E S V D Y P D Y A K K V A E K V A K S K E C H F G G I L M C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ D 6 G S 7 8
I E S V D Y P D Y A E K L C H G I L N G E A D R R G G I L L C C C C G T G I G I G I G M S I A A N
U n i R e f 9 0 _ X 0 T H V 0
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S E S C C D Y P V I Y G E K V G R A V V S G E A D L G G I A I C C C C G T G I G I G I G M S I A A N
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K E S V D Y P P F F G V K V A Q A V L S K E A E R G G I L L C C C C G T G I G I G I G M S I A A N
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A D P V D Y P L Y I A P A A Q A V A S G E C E R R G I V L G G S G N G E Q I A A N
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U n i R e f 9 0 _ M 7 N A X 8
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U n i R e f 9 0 _ R 6 Y U K 0

QUERY UniRef90_UPI00040384F8 UniRef90_B1B8L2 UniRef90_A8MJX2 UniRef90_D3T5F6 UniRef90_A3DIL8 UniRef90_B8CZ23 UniRef90_UPI0003602E7B UniRef90_K6P0N9 UniRef90_D9TSZ4 UniRef90_G9QJ93 UniRef90_D3PBK5 UniRef90_D6Y4Q7 UniRef90_D3SPV9 UniRef90_E3PTP5 UniRef90_W7YSM0 UniRef90_UPI000287E20F UniRef90_U2EKM4 UniRef90_Q1S85 UniRef90_B9MPJ5 UniRef90_UPI000376BC3D UniRef90_R5P0C3 UniRef90_UPI000344F105 UniRef90_B5YDB6 UniRef90_U1Y484 UniRef90_E4TFN7 UniRef90_D4MUK6 UniRef90_UPI0003B670BB UniRef90_A5IN96 UniRef90_I4DCFO UniRef90_F9N7B1 UniRef90_E6MIH6 UniRef90_C6WQ44 UniRef90_H6LFS6 UniRef90_E4KMI8 UniRef90_A0A017RZ19 UniRef90_R7G7F1 UniRef90_X1TW21 UniRef90_E7GN06 UniRef90_A0A010ZNT8 UniRef90_UPI000237AD88 UniRef90_M1E4E5 UniRef90_R5BQH9 UniRef90_F5XP55 UniRef90_R5UB26 UniRef90_D4J198 UniRef90_A7HL60 UniRef90_D6GS78 UniRef90_X0THV0 UniRef90_UPI00047E27D8 UniRef90_R7AGB1 UniRef90_F8AAC5 UniRef90_UPI00037379A1 UniRef90_D9S004 UniRef90_B4CYH7 UniRef90_F8I9S5 UniRef90_UPI00040370FD UniRef90_D6Z8S8 UniRef90_F9Z5S2 UniRef90_UPI000287B8EF UniRef90_G7LT13 UniRef90_S9U4T7 UniRef90_D1VRM3 UniRef90_R5KSV2 UniRef90_UPI0003B33E69 UniRef90_R6H5I0 UniRef90_UPI000345AFB3 UniRef90_N6W8N3 UniRef90_C9XLA2 UniRef90_UPI00046F1888 UniRef90_D0GIU4 UniRef90_R7IM60 UniRef90_D3L254 UniRef90_R7LSZ3 UniRef90_V8CVW2 UniRef90_D7N784 UniRef90_N0B4A6 UniRef90_D9VAQ2 UniRef90_UPI00023CXJ1 UniRef90_B1N6P2 UniRef90_I3Z2K6 UniRef90_C6J1G1 UniRef90_B3E1Z9 UniRef90_UPI00047E259A UniRef90_UPI0003B478E8 UniRef90_C0E9M2 UniRef90_V9XZY6 UniRef90_UPI00029B147B UniRef90_G8R5K5 UniRef90_V2Y543 UniRef90_M7NAX8 UniRef90_R6YUK0

90 100 110 120

K V P G V R A A L C C H D T F F S A H A T R R E H N N D A N I V C V G E R T T G V E V I
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T N S V D Y P D F V H P A A T S V V A E N G E N E L G I L L C C C G T G N G V Q I T A N
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UniRef90_X0YRA8	MS	L	A	I	G	G	D	H	A	G	F	L	K	L	K	I	I	E	F	L	L	Q	T	A	K	G	N	V	E	E	D	L	G	L	G	L	T	T	K	T	
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130

140

150

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		90	100	110	120																																						
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UniRef90_S9XL29	K	V	P	G	I	R	A	A	Q	T	P	D	S	E	Y	S	A	E	R	A	K	S	N	D	A	Q	V	L	A	C	F	G	S	R	T	M	G	V	E	A	A		
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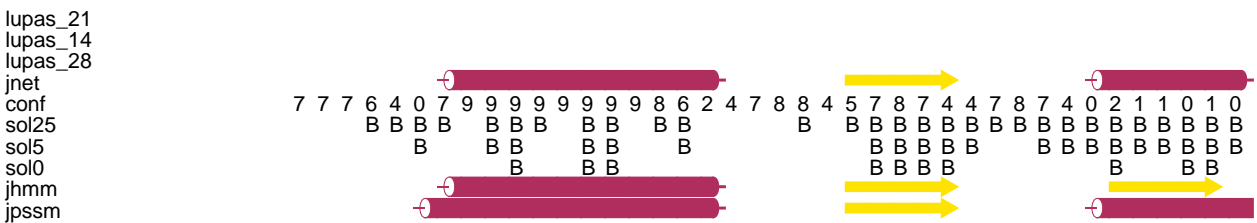
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