

QUERY
UniRef90_C0M364
UniRef90_C0M243
UniRef90_C0M328
UniRef90_Q0PH28
UniRef90_I6X3H8
UniRef90_P07394
UniRef90_K7QLN1
UniRef90_16XDB9
UniRef90_C0M1V5
UniRef90_O64306
UniRef90_C8YL73
UniRef90_C8YL77
UniRef90_P09676
UniRef90_C8YJH8
UniRef90_A0T119
UniRef90_Q38061
UniRef90_F2ZBZ9
UniRef90_V5NEJ3
UniRef90_D7RIC1
UniRef90_Q9AZ43

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

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UniRef90_C8YL73
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UniRef90_F2ZBZ9
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UniRef90_Q9AZ43

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

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QUERY UniRef90_C0M364 UniRef90_C0M243 UniRef90_C0M328 UniRef90_Q0PH28 UniRef90_I6X3H8 UniRef90_P07394 UniRef90_K7QLN7 UniRef90_I6XDB9 UniRef90_C0M1V5 UniRef90_O64306 UniRef90_C8YL73 UniRef90_C8YL77 UniRef90_P09676 UniRef90_C8YJH8 UniRef90_A0T119 UniRef90_Q38061 UniRef90_F2ZBZ9 UniRef90_V5NEJ3 UniRef90_D7RIC1 UniRef90_Q9AZ43	90 100 110 120	S W G R P Y E E K A G F G F S L D A R S C Y S L F P V S Q N L T Y I E V P Q N V S W G R P Y E E K A G F G F S L D A R S C Y S L F P V S Q N L X Y I E V P Q N V S W G R P Y E E K A G F G F S L D A R S C Y S L F P V S Q N L T Y I E V P Q N V S W G R P Y E E K A G F G F S L D A R S C Y S L F P V S Q N L T Y I E V P Q N V R T G V P F E N L L N R G W E S F M E S R L D M R P L L T Y N E M A R N R V T D Y F S N G D V A V W T G E A G T G S A Y H P V R F N N T Y V A V S S N L I Y P G P F S I I P N V G G S F E L V V G Y P A T L F G R S E T M V T P G G G S S V T I L K R P N V S S G R T T S I S G D V P A T N F N W N L K K I L H G Q S D M V M W D L N E D P G S E L V S Y T H S R E V D C E R F I G P V P S S F T D P K V T S A L
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QUERY	130	140	150	160
UniRef90_C0M364	A N R A S T E V L Q K V T Q G N F N L G V A L A E A R S T A S Q	A T Q T I A L		
UniRef90_C0M243	A N R A S T E X X X X X X X X X L G V A L A E A R S T A S Q	L A T Q T I A L		
UniRef90_C0M328	A N R A S T E V L Q K V T Q G N F N L G V A L A E A R S T A S Q	L A T Q T I A L		
UniRef90_Q0PH28	A N R A S T E V L Q K V T Q G N F N L G V A L A E A R S T A S Q	L A T Q T I A L		
UniRef90_I6X3H8	N V A I R L K V G D A K V N L S V F A A E M K R A V T G L A S N F I T T V			
UniRef90_P07394	M A R A D T E A L V K V K D M K V N Y G E A L A E A R S T I R H L A K T S I T L			
UniRef90_K7QLN7	D Q R A S V E V L N K L S Q S N L N G V A I A E A K M T A S L L A K Q S I A L			
UniRef90_I6XDB9	T D F S G L P T I S R N E R S S F N D G S E L A N A A D N I A L L A N L A T S V			
UniRef90_C0M1V5	L A R A E T E V L V K L K N S N I N G E G L A E A K S T Y E H L A K T T K T L			
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UniRef90_V5NEJ3				
UniRef90_D7RIC1				
UniRef90_Q9AZ43				
	N A K Y G V I I G E G H E T L K Y F A L L L R R L			
	K Y G T L L G E G G R E T L S Y L L L F R R R V			
	K Y G T L L G E G G R E T L S Y L L L F R R R V			
	K Y G V L L G E G G R E T L K Y L L L V V R R R M			
	N A K Y G T M I G E G L E T I K Y L G L L R R R L			
	K Y G T L L G E G G R E T L S Y L L L F R R R M			
	E D M A D M K A L A D L N K S L V N L P M L Y K E R R E T L K M V G N R L G G L			
	K L G V S F A E R R S Q I S K Y D R K I A S A			

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QUERY	170	180	190	200
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UniRef90_C0M243	V K X T A A R R G N W R Q A L	R Y L A L N E D R K F R S K H	V A G R W L E L Q	
UniRef90_C0M328	V K A Y T A A R R G N W R Q A L	R Y L A L N E D R K F R S K H	V A G R W L E L Q	
UniRef90_Q0PH28	V G L Y R A V R K G D F K R V A S L I K P D P R Q K F S S R D	V A G R W L E L N		
UniRef90_I6X3H8	V R A I K F A R S G Q W H R V A K E L G L R K D Q V L T G K A P A N R W L E Y Q			
UniRef90_P07394	I R A Y T A A K R G N W R V E L S Q L L I S E H R R A P A K D L G G R W L E L Q			
UniRef90_K7QLN7	M Y F Y R G V R H G S I S D L N R A F G G G K I R S V S K N A S S R Y L E Y I			
UniRef90_I6XDB9	T Q T I R A V R H G D W K G A L N A L K V D P N R K W S T K D P A G R W L E L Q			
UniRef90_C0M1V5		R S K H V A G R W L E L Q		
UniRef90_O64306	H K A V R A V R H G D L R G L R K I L D S Y N K G R W K P A T A G N L W L E F R			
UniRef90_C8YL73	R E G I R A V R R G D L K R L R N L V R S Y E P G K W K D S S A S D L W L E F R			
UniRef90_C8YL77	R E G I L R A V K H G D L K R L R N L I R T F E P R S W K D S S A S D L W L E F R			
UniRef90_P09676	R E G Y R A V R R G D L K R L R N V I S T F E P G K W N S S S A S D L W L E F R			
UniRef90_C8YJH8	R E G Y R A V V K R G D D R A L R R V I Q S Y H N G K W K P T T A G N L W L E F R			
UniRef90_A0T119	R E G F L A V V K R G D L K R L R N V I R T F E P R S W K N S S A S D L W L E F R			
UniRef90_Q38061	V R V A H A A Q D R D D K R Y F K A R R K D R R K V A E E V A N G H L E L I			
UniRef90_F2ZBZ9		K I S P E N P G S S Y L A L R		
UniRef90_V5NEJ3		G E I R D P R M F K I A G D T M L R K G A N A F L S Y Q		
UniRef90_D7TRIC1	R K P A I I V K L R Q R K E A L K A L D K M R V R E E K A T Q A A S L W L S F R			
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UniRef90_V5NEJ3
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UniRef90_Q9AZ43

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

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

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QUERY	330	340	350	360
UniRef90_C0M364	G T V T D V I T G E S I I S V D A P Y G W T V E R Q G T A K A Q I S A M H R G V			
UniRef90_C0M243	G T V T D V I T G E S V I S V D A P Y G W T V E R Q G T A K A Q I S A M H R G V			
UniRef90_C0M328				
UniRef90_Q0PH28	G T R T D I D L N G T V R S V D W P N S G L I S E Q P F T G K I Y S I S R D V			
UniRef90_I6X3H8	G T R V H R V E F D F I A S S Q P P F N Q V I K R E G T F R S R H A A T Q R D V			
UniRef90_P07394	G T K T W Q L E S K L N A T L P A S G W S G T A K L T A Y K A Y D R S T			
UniRef90_K7QLN7	G W D T L Y L E G T C T C A P R Y S S L S A S W P T A S S L I T A M R R Q A			
UniRef90_I6XDB9	G S R T R T R Y A Q G G G T L V A Q A W R N S A S S S Q F E R D F E I N A M R R E P			
UniRef90_C0M1V5	G T V T D V I T G E S I I S V D A P Y G W T V E R Q G T A K A Q I S A M H R G V			
UniRef90_O64306	G Y Q R R D I R M R S V S L K G V R N G I P V R V T G S V E L V D S F Y N R S R H			
UniRef90_C8YL73	V D V V D G F D R K D V V S V R V I A N G A T N T Q F R A S L L H S F Y S R V R H			
UniRef90_C8YL77	V D V V D G F D R K D V V R V I R D D A T H T S F S L A G A L L H S F Y S R V R H			
UniRef90_P09676	V D V V D G F D R K D V L T N D V A H V A S F Q L R Q A K L L H S Y Y S R V R H			
UniRef90_C8YJH8	G F D R R D I R L K S F T I K G E R N G R P V N V S A D L S A V D L F Y S R S R L H			
UniRef90_A0T119	V D V V D G F D R K D V V R V I A P S A D S A T F E L R A E L L H G F Y S R V R H			
UniRef90_Q38061	G S Q N R R T T C E L V R T V S P P S G W F A R W K D F P D G S L S E V S R S V R H			
UniRef90_F2ZBZ9	G F D R R D I R F K S F T I K G E R N G R P V N V S A D L S A I D S F Y S R F R H			
UniRef90_V5NEJ3	C L L M E T V E T E T V S I V S P P F G G L N E L E G A G K L K I H F Q D R S V R H			
UniRef90_D7RIC1	T T T T H Q F S V K R D L S D G W L K G G D C S A T V T S K A R S			
UniRef90_Q9AZ43	G Y S D D S G A T A S W R F D D K K V F R H			

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