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

QUERY	M	N	L	L	A	D	D	A	C	90	V	P	L	T	T	M	V	Q	D	A	T	A	H	L	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S												
UniRef90_A8AJS0	L	G	Q	S	Q	E	E	T	T	C	C	C	C	C	C	C	C	C	G	A	E	I	A	F	D	D	F	S	S	M	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S										
UniRef90_P37924	S	D	K	G	V	D	T	T	A	C	C	C	C	C	C	C	C	C	I	H	L	P	E	K	I	P	S	E	A	T	T	R	F	D	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S		
UniRef90_W1E1S6	M	A	T	L	D	S	T	T	A	C	C	C	C	C	C	C	C	C	P	L	L	A	T	R	L	L	I	A	E	S	S	S	A	F	D	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S	
UniRef90_V5Z5C3	I	A	T	I	K	S	T	A	A	C	C	C	C	C	C	C	C	C	V	P	F	T	T	R	L	L	I	A	E	S	S	S	A	F	D	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S	
UniRef90_A4W7J4	L	T	Q	V	A	D	D	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	S	E	S	S	A	F	D	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S	
UniRef90_UPI000346FBA8	S	T	Q	A	A	G	G	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	S	E	S	S	A	F	D	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S	
UniRef90_W0LES1	L	E	Q	F	E	Q	G	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	E	V	A	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_U2LKM8	V	S	V	L	A	A	D	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	E	V	A	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_U3P0C3	M	S	V	L	A	A	D	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	E	V	A	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_L0M5M7	L	A	S	E	P	K	E	S	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	S	V	V	A	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_E6WUU4	L	A	V	A	R	E	T	G	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	E	V	A	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_B6XK64	L	T	T	K	P	K	D	T	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	D	S	T	A	R	F	D	D	V	G	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S	
UniRef90_V0ADC6	L	A	Q	Q	N	N	K	C	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	D	A	T	I	N	F	D	D	F	A	M	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S		
UniRef90_G7HF71	E	T	I	A	A	K	G	C	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	E	V	A	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_Y1B6W0	R	K	Q	S	V	D	G	Q	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	E	G	A	K	A	S	F	D	D	F	S	K	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S	
UniRef90_B9B5U7	D	T	F	E	Q	E	E	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	S	V	S	F	D	D	F	S	E	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S		
UniRef90_UPI0003733584	L	N	M	L	T	E	G	Q	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	D	K	A	E	T	R	F	D	D	F	D	N	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S
UniRef90_G0BBL7	M	D	K	L	E	P	D	V	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	S	V	S	F	D	D	F	S	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_A0A022GPP9	A	A	F	A	E	P	D	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	D	S	S	S	S	F	D	D	F	G	E	Q	R	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S
UniRef90_E3G667	L	A	K	Y	A	T	D	T	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	G	A	S	E	A	A	F	D	D	F	A	A	M	K	R	L	N	L	N	L	T	S	L	L	P	Q	A	F	M	S
UniRef90_D2ZKN1	L	K	D	V	S	P	D	S	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	A	S	A	R	F	N	F	E	A	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_UPI00036106F0	K	A	R	V	G	G	G	E	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	E	G	A	S	V	S	F	D	D	L	S	D	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S	
UniRef90_UPI00046A190F	I	D	A	V	A	E	N	D	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	D	E	A	M	L	D	F	D	A	A	A	Q	K	L	S	E	V	S	I	S	L	L	P	Q	A	F	M	S		
UniRef90_A5WGG6	K	A	K	N	S	A	E	N	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	D	E	A	F	Y	N	F	D	D	M	S	Q	K	L	S	E	V	S	I	S	L	L	P	Q	A	F	M	S		
UniRef90_UPI00039C228D	L	S	A	Q	H	P	D	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	Q	A	D	S	R	A	D	F	I	S	R	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S		
UniRef90_UPI00047BDD06	A	A	G	S	S	G	Q	E	S	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	D	S	H	M	T	F	D	D	F	E	L	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S	
UniRef90_UPI0004136C94	L	A	K	A	P	Q	E	S	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	S	A	T	T	F	D	D	F	E	K	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S		
UniRef90_A4W7S2	K	K	S	A	A	T	G	E	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	E	G	A	K	A	S	F	D	D	F	G	H	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S	
UniRef90_Q0JZF2	A	S	A	R	L	D	T	G	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	E	S	T	A	S	F	D	D	N	F	E	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S	
UniRef90_G8WC19	L	A	K	L	A	P	E	Q	A	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	E	S	T	E	F	D	D	F	H	Q	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S		
UniRef90_J2LCF6	L	Q	E	K	T	A	G	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	A	A	T	A	T	Y	D	S	A	D	L	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_UPI0002F5577E	V	A	K	D	D	P	N	G	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	A	T	M	I	F	D	M	T	R	L	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S				
UniRef90_Y1CY52	L	T	A	E	K	T	D	S	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	P	A	S	T	T	F	D	D	F	H	Q	R	R	L	D	L	D	L	S	L	L	P	Q	A	F	M	S			
UniRef90_Q62KN8	L	A	Q	A	G	E	D	A	C	C	C	C	C	C	C	C	C	C	I	D	I	A	T	L	L	I	P	H	A	R	T	E	F	D	S	H	Q	Q	R	R	L	N	L	N	L	T	S	L	L								

QUERY	N
UniRef90_A8AJS0	N
UniRef90_P37924	N
UniRef90_W1E1S6	N
UniRef90_V5Z5C3	N
UniRef90_A4W7J4	N
UniRef90_UPI000346FBA8	
UniRef90_W0LES1	N
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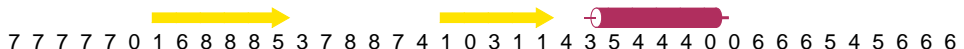
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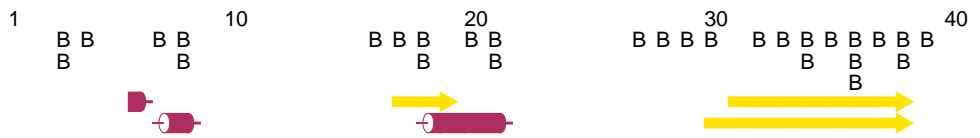
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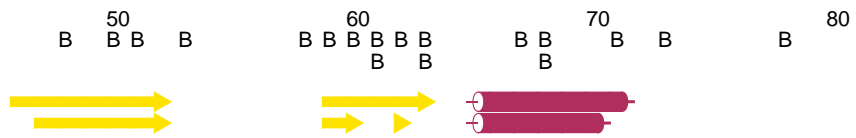
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