

QUERY	1	10	20	30	40
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UniRef90_G0SG27	G S V H R D G P L Q I M V S T N G K G P R L A S M I I R K F F I A S C L P S N A G G				
UniRef90_Q2GZ15	G S V H R D G P L Q I M V S T N G K G P R L A S I I I R K F F I A K L L P P S N A G G				
UniRef90_G4NID6	G S V H R D G P L Q I M V S T N G N G P K L A S M I V R R R I A E S L P P R N T G				
UniRef90_C5GDR0	G S V H R D G P L Q I M V S T N G N G P K M A N I V R R R I A A S L P P E N				
UniRef90_M2NBX3	G S V H R D G P L Q V M V S T N G N G P K L A S I V R K K K I A D T L P P D N M G				
UniRef90_G7XGN5	G S V H R D G P L Q I M V S T N G N G P K L A S I V R K K K I A A S L P P H N				
UniRef90_R0INA3	G S V H R D G P L Q I M V S T N G N G P K L A N I V R R Q I A E K L P P E N				
UniRef90_K1X9C1	G S I H R D G P L Q I M V S T N G K G P R L A N I V R R Q I A A T L P P D N M G				
UniRef90_A1CDQ4	G S M Y R N G P P L Q V M V S T N G N G P K L A S M V R K K K I A D T L P P D N M G				
UniRef90_B8MX75	G S V H R D G P L Q V M V S T N G N G P K I A S M V R K K K I A A G L P P N A G G				
UniRef90_J3NQF6	G S V H R D G P L Q V M V S T N G K G P R L A N Q I V R R H I A K S L P K N A G				
UniRef90_C9SUC9	G S V H R D G P L Q V M V S T N G K G P R L A A I I R K Q I A E T L P P T N				
UniRef90_D5GNA8	G S V H R D G P L Q V M V S T N G N G P K L A N I V R K Q I A S A L P P Q N T G				
UniRef90_B8MIS5	G S M H R D G P L Q I M V S T N G N G P K L A N I V R Q K I A G K L P P A N A G				
UniRef90_R8BJ91	G S V H R D G P L Q I M V S T N G K G P R L A S T I R K Y I A D K L P P P				
UniRef90_G2R180	G S V H R D G P L Q I M V S T N G N G P K M A S V R K K K I A E T L P P Q N T G				
UniRef90_V5G0X4	G S V H R D G P L Q V M V S T N G N G P K M A S V R K K K I A A G L P P K K A G G				
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UniRef90_W3XBA7	G S V H R D G P L Q I M V S T N G K G P R L A A A L R K Y I A S S L P P K				
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UniRef90_S8EAD1	G S Q I R S G P P L Q V M I S T N G Q S P K L A N L I R K Q I E R S L P D G A G G				
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QUERY

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UniRef90_B2AC98	R A I E A I G E L L R V K L R Q V A P S P Q E G P R R M A W M T K V S D A			
UniRef90_G0SG27	R A I E T I G E L L R V R L R Q I A P P R P E E G P K R M A W M T K V S D A			
UniRef90_Q2GZ15	R A I D T V G Q L L R V K L R E I A P P R P E E G P K R M R W M I K V S D A			
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UniRef90_C5GDR0	A A I E N V G K L L R R R L R E I A P P N P D Q G G P K R M K W M S G V C E S			
UniRef90_M2NBX3	I G E A I K K V G V L L R K K L R G V A P A E E E G P K R M K W M S G V C V Q			
UniRef90_G7XGN5	A A I D N V G K L L R R K L R D V A P N P D Q G G P K R M Q W M S K V C E S			
UniRef90_R0INA3	I G N A V Q R V G V L L R R K L R Q V A P N P E E E G P K R M S W M I K V S D A			
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UniRef90_K3UD29	S A I E K V G G E L L R K K L R K M V P G S A A G G K R M E W M S R V C S E E			
UniRef90_S8AU07	L A L Q K V G Q L L R S L R S K F P D P N L S K K R M R W M K C V S E H			
UniRef90_B6JYW5	Q V G N A I T Q T G L L R Q K L R E I A P T P E Q G K K R M R W M I R L C E K			
UniRef90_UP10004410BBD	D C G E A I E N V G T I L L R R R A P A Q E E G K R R M A W M V R V C D R			
UniRef90_L8WV21	L G D A I R R V G I L L R T K L R K R A P P G G A L G V A R M A W M S I K V C E T			
UniRef90_S9Q5H0	V S G A I T Q T G L L R Q K L R E I A P T P E Q G K K R M R W M I R L C E K			
UniRef90_G7DTZ7	D C G E A I E N V G Q L L R R R A P A Q E E G K R R M A W M V R V C D R			
UniRef90_W2S585	D S A R V G Q L L R R K L R K R A P P G T E D I Q R R M A W M T R V C D E			
UniRef90_UP10004413494	E A I E K V G E L L R E K L R K R A P P G G D L G K R R M R W M I D V C S S			
UniRef90_V9D0P7	D S K K V G Q L L R R K L R K V A P G K R D I S K R M A W M S D V C D S			
UniRef90_S2JKW0	L G D A I N R V G V L L R K K L R V A S P S S A A S R M K W L A Q I C E Y			
UniRef90_G1JXY6	E T S K A I V K V G E L L R K M L R A I P E K D E G A K R M E W M S R V C E S			
UniRef90_A7TL19	D I E S S V K K L Q G L L R T A I R N K S N T Q Q D L K Y R M E W I K N M T D I			
UniRef90_Q0V6H3	T R L G D A V E R L G S I L L R R R I W E E A E E D S G Q R R M R W L S Q I C E Y			
UniRef90_O14172	M A I L E K T G L L R Q K L R D I V P E P E N S R K R M R W M I E I C E L			
UniRef90_W9XKW0	D S I K K V G Q L L R R K L R K A A P G K S D I S R M S W M S E V C D R			
UniRef90_U1FUC5	Q S V A K V G Q L L R R K L R A V A P G K D S I N K R M G W M S E V C D R			
UniRef90_S8EAD1	E A V E K V G V L L R T K L R E R A P P G G E L G R R R M R W M I D V C T N			
UniRef90_F9XLZ0	U F G E A I E K V G E V L L R K K L R V V A P G T Q I F Q R M G W M S K V C L K			
UniRef90_UP10004417D6D	A A I Q K V G E V L L R K K L R V V A P G T Q I F Q R M G W M S K V C L K			
UniRef90_M2WIY4	D L G E A V E R L G T V L L R R R I W E E A E D E D A G Q G R R M R W L A Q I C E Y			
UniRef90_E6ZKL5	V V G Q A I T N V G R L L R A M L R K R A P P S A E I G A R R M R W M I E V C E K			
UniRef90_U9UMD8	G I S E A I T K V G I L L R Q K V R K I D P D H K S S G N R M R W M S K F C E D			
UniRef90_M2RJL4	Y V G E A I E K V G E L L R T K L R E R A P P G G E V G K R R M R W M I D V C T S			
UniRef90_C5E2Q3	L P I G E S V I E K V G Q L L R A R I R K I S E E P E L I K Y R M E W I R N C T D A			
UniRef90_U5HIF8	V G E A I E N V G R L L R A D L R K V A N G K D I A R R M D W M I R V C D K			
UniRef90_F8P521	D A I E E K V G E L L R A Q L R K E R A P P G G D I G K R R M R W M I D V C T S			
UniRef90_G4T867	E T E Q A I D K V G K L L R A K L R A R A P P G G D I G K R R M R W M I D V C T S			
UniRef90_C5DT33	L H L S K S V E N L Q K L L R S S V Q I H A K G P E S T K F R M K W M S R C T E L			
UniRef90_H8X3C6	V D V N N A I E N L L G I L R S R L R E L I L I D D D I D T R M S W I K S L T D F			
UniRef90_W4KJ3	E A I E K V G R L L R E K L R K E R A P P G G D I V S R R R M R W M V D L L C T A			
UniRef90_K5W6Q2	A A I Q V G A L L R V I L R K E R A P P G G D I G K R R M R W M I D V C N E			
UniRef90_L2FR53	T D L G A A C A R L L G D V L R R R I Q S E D S L P D E V D R R M R W L S Q V C E Y			
UniRef90_G0VIY2	D F D E S M K R I L G D L L R V K I R K S G P D P E D I Q Y R M R W I K T A T D F			
UniRef90_G9N3K9	L G A A C H R F G E A R R R I Q Q H D E G E E D D V R R R M R R W L S Q V C E Y			
UniRef90_H2AY15	S I A M T K L K E L R S E I R R I T N A S R E K T D I Q F R M E W V R R C T D I			
UniRef90_UP1000455CF4B	D A I I S K V G E L L R T K L R K E R A P P G G E L G K R R M R W M I D C T S			
UniRef90_E3QP10	G L G A A C A R L L G D V L R R R I Q T E D P P D E A D K N R R M R W L S Q V C E Y			
UniRef90_M3A677	D L G P A V E R L G T V L R R R I W E Q D E D E E S G Q R R M R W L A Q I C E Y			
UniRef90_A0A010SG32	R D L G A A C A R L L G D V L R R R I Q T E D R D L D A A K R R M R W L S Q V C E Y			
UniRef90_K1WGG6	L G P A C C A R L L G D V L R K R I Q E E S P E E E S S R R M R W L S Q V C E Y			
UniRef90_A8NER0	E A L L V R V G K L L R N K L K V R A P P G G D I G K R R M K W M S G I C E R			
UniRef90_K5VW13	G I E N A I V E K V G E L L R S K L R E R A P P G G D I S K K R M G W M T D V C N T			
UniRef90_Q2H592	V G L G D A V E R L G G L L R R R I K L V L E G D A E A A R R M R W L T Q M C E Y			
UniRef90_R4XBC1	D V G G R A I V E N V G T L R G K L R K I A P G G E L G A R M K W M I D V C E C			
UniRef90_L8G1K8	L G G A A C H R F G E I R G R I Q A E A V D E E D S G R R M R W L S Q V C E Y			
UniRef90_Q6BMT6	I D L N K A V E N L G I L R S R L R E T I V L D D D I D T R M A W I K K L T D F			
UniRef90_F9XPS5	UniRef90_F9XPS5			
UniRef90_G3ARX3	D L G S A V I E R L G Q M A T F N K L V T P T D A E A A R R M R W L S Q V C E Y			
UniRef90_W3WM74	V D F N Q A I E N L G I L R S R L R E K V L E N D D I D T R M T W I K T L T D F			
UniRef90_UP10004407DD5	D L G L A C C V R L G D V R R K I H E E D A D G E D L D R R M R W L S Q V C E Y			

QUERY	90	100	110	120
UniRef90_K2RMQ4	F G I Q H C H N	I D V K R L L D	L F K V M F Q E Q N C S	L Q F P P R E R L L S E
UniRef90_M3CPI2	W S L D D L V E	M D D S D M E K L L	G F Y K P N T V P S F P	
UniRef90_B2AC98	W S L E D L C E	M E D D M E K L L	Q Y Y A P D Q V P S V R	G P P W E
UniRef90_G0SG27	Y S W E E I C E	L C E M T D E D M T N L L	T F Y E P N R V P S F	
UniRef90_Q2GZ15	Y P W D E M C C	D L T E E D I G N L L	R F Y P A G T V P P L D D L	
UniRef90_G4NID6	L T F E Q L C A	L T D E D M E N I L L	G Y Y M A E G V P T F K E I M D M R A E	
UniRef90_C5GDR0	W S L E E L V E	M D D E D D I E T L L	G Y Y P S D K V P T F	
UniRef90_M2NBX3	W S L E D L C D	M E E V D M D A L L	R S Y A P D Q V P S L T	
UniRef90_G7XGN5	W S L E D L V Q M	D D S D M D G L L	A H Y A S G K I P T L	
UniRef90_R0INA3	Y S L L D D I C A	L T E E D M D M L L	S F Y K P G V V P S L E	
UniRef90_K1X9C1	Y S L L D D I C E	M R E E D M E I L L	R F Y G P D K V P R F G D V E T L L A P	
UniRef90_A1CDQ4	W S L L E E L V E	M S E K D M E S V L	T F Y E S G K I P T Y	
UniRef90_B8MX75	W S L L E D L V Q M	N D K D M D S L L	A H Y E S G K I P T F	D E V R S N
UniRef90_J3NQF6	F S F E D L C G	L T D E D M E N I L L	T F Y A A G A V P T L D E L R S	
UniRef90_C9SUC9	Y G W E D I C D	F T D E D D M E N I L L	T Y Y A D N K V P T V D D L Q A M R R H	
UniRef90_D5GNA8	W S L L E E L V C	D M D E D D M D N L L	S H Y A E N K V I T Y P P S E	
UniRef90_B8MIS5	W S L L E D L V A	M T D K D M D G L L	T H Y Q S G D V P S L Q	
UniRef90_R8BJ91	F A W D E M C D	M S E E D M D N L L	S F Y A K D D V P S L D	
UniRef90_G2R180	Y P W D E M C G	L T D E D D I A N L L	T F F P S G T V P S L D V	
UniRef90_V5G0X4	W S L L E D L V E	M N E A D M S Q L L	G Y Y K S G E V P S L K	
UniRef90_S3BTN4	Y S F E E L C S F	T D E D V D N L L	R F Y S E G T V P P L D I L L S	
UniRef90_F2SM09	W S L L E D L V S M	T E E D M D N L L	R H Y E A G K V P T F	
UniRef90_U4L8J3	W S L L E L C Q M	G E T E M G A L L	E G Y K E G K V M S L R	
UniRef90_G3JGK6	Y K W E E M C Q M	T H E D M E N I L L	L F Y P A N K A P S M D	
UniRef90_M1W405	Y K W E E M C D M	T L E D M D N L L	L F Y P A D K V P A I D I L L A	
UniRef90_B0YB19	W S L L E E L V K	M S E Q D M D R L L	T H F A S G K I P S	
UniRef90_W9C9H7	Y S L L E D L F E	M N E E D M E T L L	R F Y A P N K V P R F	
UniRef90_L2FHD2	Y D W G E M C D	L T D E D M E N I L L	R F Y S S N T V P T I D D L M S	
UniRef90_M7SN58	Y S W D E M A G	L G D D D I D R L L	K F Y E A D K V P P F D	
UniRef90_G4UK71	Y G W E E M G T M	T G E D M A N I L L	A W Y R K E G G E G L E V P T L D E L R A	
UniRef90_S8AZ01	W S L L D D L V G	M T E N D M D G L L		
UniRef90_G0R8K8	Y K W E E M S E L	T E E D M E N I L L	L F Y P A D I L L K S L R G P D N D	
UniRef90_C8V1P8	W R L E D L V H M	T E E D M E T L L	T H Y Q H G G I P T L S L P P P S T	
UniRef90_S3CX56	Y G Y E K L R E	M D D V D M A N L L	K Y Y K S N K V P R F	
UniRef90_Q6FMN1	F G I Q N A A R	I D V D K L V Q L	Y K T M S Q E Q S L T F P P R T E V L A N	
UniRef90_W3XBA7	L T W D Q M C E	L T D E D M Q N L L	L K F F D S G K V P S F K D L K A M R A	
UniRef90_S6ENZ6	F G V R R C C K	M L V P E L V E L	F Q K M H A A D S L D F P P A E I M L K N	
UniRef90_Q0CIX1	W S L L D D L V R	M N E E D M T K L L A	H Y E S G K I P A F	
UniRef90_L8G2J9	Y S L L D D L C S	M T E D E M A R L L	E F Y G P N E A P T L E	
UniRef90_G8ZXW6	F G I K N C E K	K M D V D K L V E L	F D K M Y V V D D R N M I F P S R D T M I E H	
UniRef90_K3UD29	Y K W D E M C O G	L T D E D M D N L L	L L F Y P P N K V P S M D V	
UniRef90_S8AOU7	W S F E E L L A A	L L D E G G M M E G L L	G G Y	
UniRef90_B6JYW5	W S F D E I A S	L D E D M M Q E L V E N F	P N F V P T F	
UniRef90_UP10004410BBD	W S L L D E L L A	C M D E R V M D R L L	A E G W R D R R T V P R F V D	
UniRef90_L8WV21	W S F E Q L L A Q	L D D E R I E K L L	E A G W D K G L T V P S Y E E L	
UniRef90_S9Q5H0	W T L N E L G S L	K E E Q M D K L L	F P S S V P T Y K E L V S S P P N	
UniRef90_G7DTZ7	W S L L E Q L L A	A M D D A M R E K I L	D G W E D D R	
UniRef90_W2S585	W E G E E L G V L	G D D E M D A L L	V R F Y D T D E V P S	
UniRef90_UP10004413494	W S M E E L L A L L	L D D K M I A R L L	D E G W E K N Q V P R	
UniRef90_V9D0P7	W T T E N F N A M	D E E D M D D K L L	M Q Y Y E A G T V P S F E E I R L G	
UniRef90_S2JKW0	W S M D R L L A Q	L S Q D Q D M E E L L	L D S Y H N D E G Y E	
UniRef90_G1JXY6	W E F E E L L A A	L E M T E G D M K I L L	E G Y	
UniRef90_A7TL19	F G T Q H C H Q I	N I N R V V D L Y	D T M Y K N N K S L E F P S N K E M I E L	
UniRef90_Q0V6H3	W P L R R L L A A	I T D S D I D T L	F R E F A R S S K V G P T S P	
UniRef90_O14172	W S L L E E L L A M	L D E N L I N R L L	G Y F P K K T P S	
UniRef90_W9XKW0	W S A E E F N A M	D E E D M D K L V Q	F Y E R G M V P S F	
UniRef90_U1FUC5	W S T E N F N E M	D E E D M E R L L I	Q S Y G P G V V P S	
UniRef90_S8EAD1	W E M E D L A Q	L D E D M M V K L L	E D G W E K D R	
UniRef90_F9XLZ0	W S L L E D F C	E M E E S D V E G L V G	F G F Y E R D E V P S L	
UniRef90_UP10004417D6D	W E M D E L A G	L D D E M I A R L L	D D G W K E R V P K P E	
UniRef90_M2WIY4	W P L R R L L A A	L T D E D V D N I L L	Q A Y K Q K E K	
UniRef90_E6ZKL5	W N L L D E I C	T M T E P D M K K I L	D G W Y K E V K G G L P F L P S D V R M K K	
UniRef90_U9UMD8	W T I E D L R K	L D D N F I E N L L	P Y Y E K H V P S F E T L T S N	
UniRef90_M2RJL4	W E M E D L A L L	D D E M M R K L L	D D G W E K N R V P K	
UniRef90_C5E2Q3	F G V S H C H E	I N V D K T V T L	F E D M F A S M S L E Q P D N E K Y M K E	
UniRef90_U5HIF8	W S L A Q L S A M	D D E D I L D G W E E G I A		
UniRef90_F8P521	W D M E E L L A L L	D N A M M K R L L	N D G W E K N T V P K L E E V	
UniRef90_G4T867	W S L E D L A D L	D E P A M D R L L	D A G W E N R R T V P D Y Q T V L	
UniRef90_C5DT33	F G V R N C H Q	I Q M D V N S L V N L	F Q E M Y S K R T L D F P P D T I S R	
UniRef90_H8X3C6	F T I K Q W S S I	N I E D E G S P Y K Q V D K I I N C F P G F P P R D		
UniRef90_W4KJ3	W E M D E L L A L L	S E E Q M E R M L D E G W K D S V L S P E		
UniRef90_K5W6Q2	W D M D E L L G K	L D D D S M I K L L	N E G W E K N H V P P	
UniRef90_L2FR53	W P L K R L L A A	I T D E E A S V L	K S Y S A A L P E T A G K P P	
UniRef90_G0VIY2	F G L K N C E R I	D V E K L V A L F L E M	R A D N M S L K F A S P E E M V A T	
UniRef90_G9N3K9	W P L K K L A S V	T D Q D V H R L L	E A Y A S A A K R R P R D G D I D A L L E R	
UniRef90_H2AY15	Y G L R Y C H L	D V E S L L E L F S E M Y	S N R S L T F P P K D E M L T K	
UniRef90_UP1000455CF4B	W E M E D L A L L	M D S P M M D R L L	D D G W E Q N V T P	
UniRef90_E3QP10	W P L K R L L A A	I D E N D V E S V L K	S Y A G N S N	
UniRef90_M3A677	W P L R R L L A A	I D V Q I L R A Y K	Q E A A S S Q L G E E K P P I	
UniRef90_A0A010SG32	W P L K R L L A A	I N D E D V E S V L K	S Y S G F G N P S	
UniRef90_K1WGG6	W S L S R L A N I	S D E D V D L V L	Q A Y A A D P S T S	
UniRef90_A8NER0	W P M K E L S E	D E T T M D W L L	D E G W E N G K V L D P P K K N S	
UniRef90_K5VW13	W E L E D L A L L	N E T T I D K L L	N E G W E K D R V P N A E E V I P K	
UniRef90_Q2H592	W P L R R L L A E	V S D E D V E S I L K	S Y P G G P A T G E G P	
UniRef90_R4XB1C1	F T I P Q L A A M	D E R K M D E I L D	G W D G D L S V P G	
UniRef90_L8G1K8	W P L S R L A D V	T D A D I E A V M T A Y T S A P S A S P S		
UniRef90_Q6BMT6	F T L K Q W S N L	D I S G D Q D R F E R V D R I I K Y F P E Y P P R E		
UniRef90_F9XPS5	W P L R R L L A S	I T D E D M L E C	C Y K N E N L A T N T S P L Q P S	
UniRef90_G3ARX3	F S L K Q W A E L	S A P Y D N Q F Q Y V D N I I A Y F P S Y P P E D		
UniRef90_W3WM74	W P L K R L L A A	V A V S D D V D A I L K	S Y P G T L G	
UniRef90_UP10004407DD55	W K L D E L A E	L D E A T M E K L L	T E G W E	

QUERY	Y C S
UniRef90_K2RMQ4	
UniRef90_M3CPI2	
UniRef90_B2AC98	
UniRef90_G0SG27	
UniRef90_Q2GZ15	
UniRef90_G4NID6	
UniRef90_C5GDR0	
UniRef90_M2NBX3	
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UniRef90_R0INA3	Y A
UniRef90_K1X9C1	
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UniRef90_C9SUC9	
UniRef90_D5GNA8	
UniRef90_B8MIS5	
UniRef90_R8BJ91	
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UniRef90_S3BTN4	
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UniRef90_W9C9H7	
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UniRef90_S3CX56	
UniRef90_Q6FMN1	Y T
UniRef90_W3XBA7	
UniRef90_S6ENZ6	Y A S
UniRef90_Q0CIX1	
UniRef90_L8G2J9	
UniRef90_G8ZXW6	Y
UniRef90_K3UD29	
UniRef90_S8AOU7	
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UniRef90_S9Q5H0	
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UniRef90_S2JKW0	
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UniRef90_M2WIY4	
UniRef90_E6ZKL5	
UniRef90_U9UMD8	K A
UniRef90_M2RJL4	
UniRef90_C5E2Q3	Y L
UniRef90_U5HIF8	
UniRef90_F8P521	
UniRef90_G4T867	
UniRef90_C5DT33	Y
UniRef90_H8X3C6	
UniRef90_W4KIJ3	
UniRef90_K5W6Q2	
UniRef90_L2FR53	
UniRef90_G0VIY2	Y A
UniRef90_G9N3K9	
UniRef90_H2AY15	Y L S
UniRef90_UP1000455CF4B	
UniRef90_E3QP10	
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UniRef90_A8PQX4	L D V G A V E R L G T V R R R I W E V T P T D A A R A R R M R W L A A Q V C E Y Y
UniRef90_M2LU18	V G L G D A V E R L G T V R R R I W E V T P T D A A R A R R M R W L A A Q V C E Y Y
UniRef90_K5Y7V5	D V G V A T A K L G K L R Q M A K D S A E E S E D A R R R M R W L A A Q V S E Y Y
UniRef90_W6MHF4	D I A Q I C E N I G D L R T K I R Q E D P G E E D K K Q R M R W L S S Q I V E Y Y
UniRef90_J7SAQ2	L P L A Q S L D R L D E L R A A V R E E A P G P E M V A V R M D W V C A L T D R
UniRef90_A5DTP4	I Q G I C D K I G E L R T L I Q E Q D L I E E E K L R R N R W L S S Q I V E Y Y
UniRef90_B0DWF5	D V G C A V Q S V G R M R R L A K S K A I D D D T D A R Q R L K W V A A Q V S E Y Y
UniRef90_J9VJ05	A D V G K A V D N V G K L R A K V R A K I S E E D D G P L N M R W V Y Q M S E Y Y
UniRef90_S8FYX2	E V G G A A A N V G K L R S Q R R A D E S P P E I A R R R M K W V A A Q V V S E Y Y
UniRef90_UP10004622EF5	E I G G A S V T K V G R L R E L A Q V A M P E D E R A R R R M K W V A A Q V S E Y Y
UniRef90_C5FZJ8	G L G A A V D N L G V L K K R I W A E D A I D E E V D R R I R W L S S Q I C E Y Y
UniRef90_K5VFF8	E L G A A V V K V G Q L R T L A K A S T P I L E E G A R R R M K W V A A Q V S E Y Y
UniRef90_M3JJ44	I D E I C T T V G D L R K K I Q E E D P E K E D I K Q R T R W L S S Q I V E Y Y
UniRef90_I2K2Q0	I D E I V Q H G D L R R A L V E S D R E H Q A M Q R S A W L S S Q I I D Y Y
UniRef90_UP10003F4A00E	A V G G A A V D N V G R L R R A K K I S E E D D E D T Q T Q R R I R W L S S Q I C E Y Y
UniRef90_F2SHA4	G L G T A V E N L G L R K R I W E V D A A A T S K T R R I R W L S S Q I C E Y Y
UniRef90_C4QXT3	L D A K T A V D N L G K M R G E L R R R V A P G E D T I K E R M A W N T Q V T D L
UniRef90_Q55MK0	G P L N T P V P Q L S S S R N S E E V T S D E E Q Q L R R M R W V Y Q M S E Y Y
UniRef90_Q6CUE3	Y P I K E C V G K L S E V R E V R V T T S E K Y L D K F R M E W L K A L T D K
UniRef90_X8J2P0	V G D A V D N V G R L R L M A R S E D E D P E A G A R R M R W V A A Q L S E Y Y
UniRef90_B9WAV1	R D I D V I C K Q V G Q L R R Q I Q L E D K S E E D L K Q R A R W L S S Q I V E Y Y
UniRef90_L8WRT4	V G D A V D N V G R L R L L A R S E D E D P E A L L A R R M R W V A A Q L S E Y Y
UniRef90_M2RUX2	G A V V Q V G K L R S L A K A S E P D G E D G R R R L K W V A A Q V S E Y Y
UniRef90_C4YBF9	I A D I C R R V G E L R T A I Q Q H D S E D E D A Q R R G R W L S S Q I V E Y Y
UniRef90_W4KLS0	D A G V A V A K V G K L R R L A K D V E S E L E S T R R R M K W V A A Q I S E Y Y
UniRef90_Q75EC2	L D W D E M C A R A L S T Q A G L P A E E A L R F R M D W M R Q V T D A
UniRef90_Q6CJT1	I S K V V S N M G H R E R I I Y E D H H N D E D V M K R S R W L S S Q I M E Y Y
UniRef90_C5M686	M N E I C Q T I I G E L R R K T I I Q E E D K T K E D L K Q R T R W L S S Q I V E Y Y
UniRef90_J5SPP4	I E G V I N G V G A L R R E L R E R A P P G G E L S K K R M R W M I N T C N Q
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UniRef90_M5FNQ0	M A I D R V G E N L R R R L R A R A P G G E R E G K K R M H W M V G I C E A
UniRef90_C4QV61	I D K I V C E N I G N L R R R L R H R I I Q Q E D D D D A I Q Q R T R W L S S Q I M E Y Y
UniRef90_G3AMB5	D I G A I C C N K I G E E L R R K A I I Q K E A S E E H H L K L Q R T R W L A A Q I V E Y Y
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UniRef90_A3LUM7	I G D I C D K I G D L R R K K I Q E E D N E L E D L K N R T R W L S S Q I V E Y Y
UniRef90_R9XDE1	I S E V V I N M G R L R R S E L E T M G P D E D Q W A K R L R W L S S Q I M E Y Y
UniRef90_S0EFJ1	N A I E T I N M G A L R R R L A K E V E T E M E S V R V R R M K W V A A Q M S E Y Y
UniRef90_J4I872	S A A G A I V E D V G E L L N E E A R N V D E S H E H A K R R M K W V A A Q V S E Y Y
UniRef90_A5DQI4	I G A C C O N N V G E L R R K A I I Q E E D R L E F E T K N R T R W L S S Q V V E Y Y
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UniRef90_Q6C167	V D E I C N K I G S L R E R I I Y E E D L E A E D I K Q R L R W L S S Q I V E Y Y
UniRef90_I6NDT5	I S E G I S N M G R L R R K T L R N D D T E A E Q K L R R S R W L S S Q I I E Y Y
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UniRef90_S2JTW1	L G E A V K N A G L L R K G A E A L D P G S S S S L R R Y Q W L T H C D T
UniRef90_G3BDP4	D I D S I C Q N V G D L R R L V K E F D M N E Q D L K K R I N W L N Q I V E Y Y
UniRef90_C5DJK7	I S Q A V I N M G A L R D R I H E F A M T E S E K K K R T R W L S S Q I M Q Y
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UniRef90_G8ZP57	I S E V V V T N M G R L R D Q I I E E F A M T E R D Q K R R T R W L S S Q V M E Y Y
UniRef90_O74468	E A I E R F G R V R A I T K T P E K K Q W I N H V S D F
UniRef90_G0VDG9	I S Q V V V T N M G A I R D Q L R E K Y I K T E L S R K R T R W L S S Q I M E Y Y
UniRef90_K0KP31	I D S I V S N I G N L K Q K L N E M M L M K E D I Q R R S K W L I Q M I E Y Y
UniRef90_S9XBL7	G I G E A V R R F G V A R S S T K N P Q K R T R W L S S Q F M E Y Y
UniRef90_A7TLV7	S K T V R N M G I L R E K I I E N I S S P E G K K R T R W L S S Q I T D Y Y
UniRef90_B6K003	V E M P A A V Q T Y G K V R S L T Q E D A K Q K S K W L S S Q I T D Y Y
UniRef90_C5DSC6	I S Q I V S N V G R L R D Q I I K E F D M T E R D Q K K R T R W L S S Q I L I E Y Y
UniRef90_S6EUD9	I S Q V V V S N M G R L R D Q V Q E L A S E R D Q K L R K T R W L S S Q I L I E Y Y
UniRef90_P36150	I S E V V V I N M G Y Y K D R I I K A L L E E K E Q R L K R T R W L S S Q I M E Y Y
UniRef90_J8QFC7	I S E V V V I N M G Y Y K D R I I N E D P G D E D G L K R T R W L S S Q I M E Y Y
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UniRef90_Q4P7B6	D S I I G T S V R I T Q L Q A K H Q G Q L Q Q A E E R T K R R M R W V A A Q I S E Y Y
UniRef90_E6ZN10	A N A R I V Q L Q A E V Q Q E I H Q A E E R T K R R M R W V A A Q I S E Y Y
UniRef90_J7RXC4	I S Q V V V S N M G L V R D Q L R L L A E A K D Q Q R R T R W L S S Q I M A Y Y
UniRef90_F2Q423	G L G T A V E N L G I L R K R I I W E G D S D D S T A Q R R I R W L S S Q I C E Y Y
UniRef90_C1F4H6	L D L G P W L K D L G Q R R E V V L Q L Y P A G D D R K R
UniRef90_M9LWV6	A R L K Q L Q V I Q A R H E A E E R T K R R M R W V A A Q I S E Y Y
UniRef90_Q6BH25	I N D I C C O N N V G K L K A Q I I E E V G E N D E D A Q K R R M S W L L Q T T E Y Y
UniRef90_I2FPZ2	E S V G A K A K L S Q L Q A E V Q Q Q L Q E A E Q R T K R R M R W V A A Q I S E Y Y
UniRef90_I2FPZ2	E S V G A K A K L S Q L Q A E V Q Q Q L Q E A E Q R T K R R M R W V A A Q I S E Y Y
UniRef90_H2AYQ0	I S E I V K N M G H R D Q L K D F E T T K E N Q Q F R T R W L S S Q I I E Y Y
UniRef90_UP1000455D162	R E V G G A M A K V A M L R D L A K A I G P A A D D S R R R M K W V A A Q V S E Y Y
UniRef90_UP100037C1695	L D A G D W V T D L G N L R R E V T Q M E P L N E E R R W L R E V C G Y
UniRef90_E8X1Y0	L D L G D W L T D L G D L R R E V V A A E P L N E D R K L L H Q L A Q V C G Y
UniRef90_V4RBQ4	R L V S M A G S M R D R V A E L L P P G R R R L R F W R D Y
UniRef90_M7XHH2	A A V E A V G R L R A K S Q A L D E G A S A Q L T R M R Y V S Q L L S E Y Y
UniRef90_F2JN77	S D V V A C L G E W R A T I K K E I K D E E E R R R L L K Y I T L L D Q
UniRef90_UP100047C492A	D L G Q W L D S L G K L R R E V L G S M P A G E A R K Q L L H E L R Q V C D
UniRef90_C6HLY9	D D S T A Q K H T F N S L V A P E D N E A A R M R W L S S Q I C E Y Y
UniRef90_E4TTG3	D I L Q N L A T I R K G L K G D F E K K M E V L N E I T A S

90 100 110 120

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UniRef90_G8BDS8	Y P L S K L A T L S I E D L R F A Y D K H K R N D N K		
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UniRef90_A8PQX4	W P L E R L A S L D Q T Q M Q A L L E E M D A S S R		
UniRef90_M2LU18	W P L R R L A A I T D G D V D A I L K A Y S Q E S		
UniRef90_K5Y7V5	W P I S K L A E M S E K E M N D L L G E N P A L N S S R		
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UniRef90_B0DWF5	W P L S K L A T L S D E E M L E L		
UniRef90_J9VJ05	Y S F E H L A K I S N E E M D K A L E I W G Q R D E G Y		
UniRef90_S8FYX2	W P I P K L A K M T P E D M A G V L D E		
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UniRef90_C5FZJ8	W P L R Q L A S V T L P D V E K V L E A Y E A Q K R P		
UniRef90_K5VFF8	W P I S R L A K M T Q A E M E A T L D		
UniRef90_M3JF44	Y P L K K L S N I S N D L S N A Y K		
UniRef90_I2K2Q0	F P L S K L G A I S M E D L S N E Y L E S S K S E G A V I E P T S N R		
UniRef90_UP10003F4A00E	Y S F E S L A R M T E E M D H A L E T W S G T P R S S		
UniRef90_F2SHA4	W P L R Q L A S V T L P G V E K M L E A Y G A G K N P		
UniRef90_C4QXT3	F T I E E W G Q F D D T A L N R L L S F Y P K V P Q R Q D I		
UniRef90_Q55MK0	Y S F E H L A K I S N E E M D K A L D W G Q R N E G Y L		
UniRef90_Q6CUE3	M G I E C Y K L D T D K V K L F E D M K T K R F E L K D V P E N S M		
UniRef90_X8J2P0	T P L E Q L A S M D D A A M R D V L E S R A T T Q S T E		
UniRef90_B9WAV1	Y P L K Q L G S S L K D L S S A Y K		
UniRef90_L8WRT4	T P L E Q L A S M D K A G M K E V L E S		
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UniRef90_W4KLS0	W S Y S R L A K M S E Q D M L D V L D E E S N N E V R S L		
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UniRef90_Q6CJT1	Y P L Q S L A E L S V D Q L A D Q Y Q Q L S Q N S		
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UniRef90_UP10004409576	W S L A Q L A G L T D V D M E R L L		
UniRef90_M5FNQ0	W		
UniRef90_C4QV61	Y P L G K L A E V S V D D L S A A Y H E S S N N		
UniRef90_G3AMB5	Y P L K K L A T L S I T D L T N A Y H D H K E N P T P T		
UniRef90_G8Y817	Y P L E A L A Q I S A K D L M S Y R N S S S R		
UniRef90_UP1000440A20F	W S Y A K L A A M K E D D M I R L L N D G D A		
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UniRef90_Q74ZA5	Y P L S E L A D V S V D K L L D		
UniRef90_W0T805	Y P L Q S L A E L S V D Q L A D Q Y Q Q L S Q N S		
UniRef90_J9VPN1	W G L E Q M K K F N D		
UniRef90_A3LUM7	F P L N T L G E L S L D D L T S A F H E Y		
UniRef90_R9XDE1	Y P L S Q L A D V S V D Q L V D		
UniRef90_S0EFJ1	Y K W D E M C O L T D E D M D N L L F Y P A N K V P A M D V		
UniRef90_J4I872	W P I Q Q L A K M S D G D M S V L D G R P G S L S T E A D R T T L R S P		
UniRef90_A5DQI4	Y P L A K L A E V S		
UniRef90_E9E892	Y P		
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UniRef90_P36150	Y P M M N K L S D I K L E D F T S S K K T K Q E T V T E G V V P P T D E N I E N		
UniRef90_J8QFC7	Y P M M N K L S D I K L E D		
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UniRef90_E8X1Y0			
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UniRef90_M7XHH2	W P L D R L A T V S L A S L		
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UniRef90_UP100047C492A	L E Q C		
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UniRef90_E3IFP3	A V I R R G R L T I A V S T G G G A P T V A Q Q I R R Q L A E W Y D D
UniRef90_D1CEZ2	A V V R R G R L V I A I S T N A S P A I A S H H V R R K I E R D F P P H W A
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UniRef90_A7ZSP4	S I I D R S P P M V A I S S G G G T S P V L A R L L R E K L E S L L P P P P
UniRef90_D1P4R6	S I I D R S P V V I A I S S G G G T A P V L A K L I R E K L E A M L P P P P
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50 60 70 80

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UniRef90_E4ZCY6	S L G D M A E I S G R W R D A V K A K L K S V T E R R R F W E K Q			
UniRef90_C5EV72	G L A A R L G G Y R A Q V K E R F P H S P A I R			
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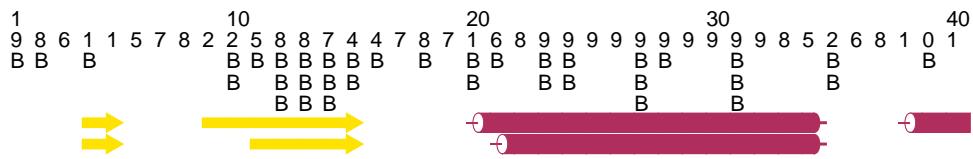
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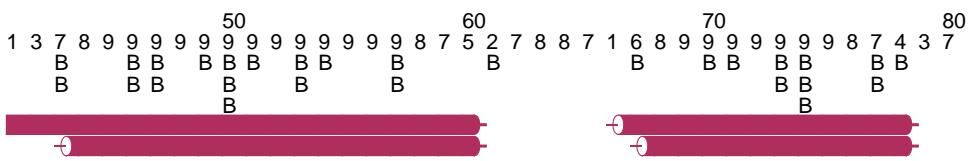
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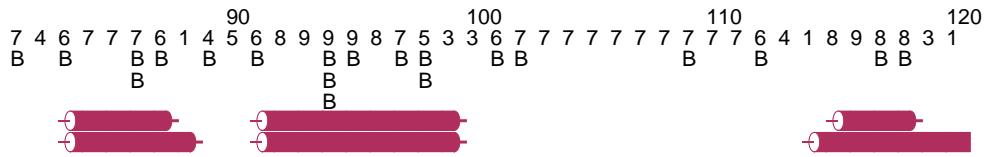
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