

QUERY	1	10	20	30	40
UniRef90_UPI0003B41E09	Q S K P E D L L	K L R Q G L M Q T L	K S Q W V P I A G F A A G K A D L P A D A A		
UniRef90_W6LZA7	D P E D A T V	D Y R Q S I F T A I	Y W N F G P M G D M M K G K E L D W D A K F S		
UniRef90_W8KTM8	A D P E D A I	D Y R Q S V F Q V F	K W N M G P L I G A M A Q G D I P F D D R E A A A		
UniRef90_D5X6Y4	A K P Q D A V	K Y R Q S A F T V M A S F G	R I L G A M A V Q G K A P F F D A K A A A		
UniRef90_UPI0003A7D063	V D P E D A I	E Y R Q S V F K A F S W N F G	P M A G M A Q G G E I P F F N E A M F		
UniRef90_B1Y490	K P E D A I	K Y R Q S A F T V M G S H F G	R I L G A V V Q G D A P F F D A K T V		
UniRef90_P00143	A E P E D A I	H Y R Q S A L S V M G S W Q M G	P M G A M A Q G D I E Y D A D D E F		
UniRef90_UPI00025577EB	K P E D A I	D Y R Q S V F Q A I K W H F G	T M G A M V K G K M D Y D A D D F		
UniRef90_J0KV55	A K P E D A I	K Y R Q S A L F V M G Q H F G	R L I G A M A N G R I P F D A K A A A		
UniRef90_UPI000362796A	A D S E G L I	K Y R K N V M K S S G G H M G A	I V D L L K N D L P L Q A H I L		
UniRef90_UPI0004718470	D N Q E A I	E Y R K D V F G L I A Y N F S	D M K A M L K G E K D F N Q Q L I F		
UniRef90_Q12GV8	K P E D A I	K Y R Q S A L F V M G Q H F S	R L I G A M A N G R V P F D A K V A		
UniRef90_A8FSF9	E T D D A I	H Y R Q S A F S L M A Y N F G	D M G A M L K G K P F F D A Q V F		
UniRef90_M1SX50	K P E D A I	K Y R Q S A F T V M A N S F G	K I L G A V V K G E A P F N K D E V		
UniRef90_A9LQJ5	A K P A D A I	K Y R Q S A L T L M G S H F G	R M Q P V V K G Q A P Y D A A A A		
UniRef90_W6MT37	E T K P E D I V A S	Y R Q S V Y N I I G W N F K	P I L G A M V K G E V P F D A A A A		
UniRef90_F5Y599	K P E D A I	K Y R R G A F S V L G P H F A	A L G A M V N G R A P F D A A A A		
UniRef90_A1S402	A D D A I	H Y R Q S A F T L I A Y Q F G	D M S A M L K G K E F N A D V A		
UniRef90_W7X7P0	K P E D A V	K Y R K A A F T V M G A H F G	R I L G A M A S G K V P F D A K V A		
UniRef90_H1G1R7	D D A I	E Y R K A V F Q V F K W N M G	P M G A M A Q G D R P F D R E V A		
UniRef90_UPI00002376C9E	A K T E D A I	K Y R Q S A L F V M G Q H F G	R I L G A M V N G R M P F D A K E A		
UniRef90_Q6LJJ0	K P E D A I	H Y R Q S A F T M I A N F G	D M A E M V K G R K D W N Q D V A		
UniRef90_A1RHH2	D A K D A I	E Y R Q S A F S L I A Y N F G	D M G A M M K G K K P F F E A K T A		
UniRef90_A1V1R3	A K P E D A V	K Y R Q S A L S V M G T H F G	R L I G A M V N G K K V P F D A K V A		
UniRef90_UPI0003A1D8B4	A K P E D A V	A Y R Q N A F N L M Q A H F S	P L I G A M A S G K S P H D P A A A		
UniRef90_Q2BQE8	D E I	K A R Q G Y Y Q V I K Y N F G	V L I G A M V K G K K D Y D A D T A		
UniRef90_A3QBU8	E T D D A I	H Y R Q S A F G L I A H N F G	D M G A M L K G K V P F D A E V A		
UniRef90_A4CF65	K P E D A I	E Y R Q A A F S M I R S V Q I	S D M G M L K G A V P F D A E R F		
UniRef90_E6RH97	E P S D A I	E Y R Q A A F S M I R S V Q I	S D M G A M L K G K I P F D A E Q F		
UniRef90_UPI0003492E3B	V E P E D A I	H Y R Q S A L D V M A W H F G	P I L D M A K G D I D Y D A D E A		
UniRef90_UPI00046A3F9A	D D A I	Q Y R Q S G F S L M A Y N F G	D I L G A M L K G K K D F D A D V A		
UniRef90_I3CID7	D A I	E Y R K G A F S G I A W N F K	R M A G M V K G E I P F N A E E A		
UniRef90_D0IXH0	A K A E D A I	K Y R Q S A L S V L G T H F G	R I L G A M A N G K M P F D A K S A		
UniRef90_U7QBU7	S D V E D A I	H Y R Q S A L G V I G W N I G	P L I G A M A Q G D I D Y D A E E F		
UniRef90_D4ZGZ2	E A D D A I	H Y R Q S A F S L M A H N F G	D M G A M L K G K K P F D S E I F		
UniRef90_W4HPR2	E E D V L	T A R Q G M F R I L A I N L G	I G D M A K G D T E Y D A E Q A		
UniRef90_V8QR19	K P E E A R	H Y R H G G M F E L I D N F	K R M G H M V K G E Q Y E K E		
UniRef90_UPI00047BBFF4	A K P E D A V	K Y R Q S A L F V M S Q H F A	R I L G A M A N D K A P Y D A K A A		
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UniRef90_UPI000372209A	V R Y R Q S V F N V I G R N F S	V L G A I A K G E R P Y D Q A L A			
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UniRef90_Q1YMG8	D P I	E A R Q A I M S N N G A A A K	L G Q M V K G E T P F D A A A A		
UniRef90_E6VBD3	A K P E D A I	K Y R Q S A L F V M S Q H F G	R I L G A M A N G R V P Y D A A A A		
UniRef90_UPI00035D8D70	A K P E D I V	D Y R Q G L M T V I G W N F G	P L I A A M V K G K H P F D A E F A		
UniRef90_UPI00046FB673	A K P E D A V	K Y R Q A A F T V L A S N F S	R M Q P V I R G Q A P Y D A A		
UniRef90_T1AC90	V K P E T A V	N Y R Q G I Y H A I L W N F	V P M A Q M V R G M R W N A T F A		
UniRef90_UPI00037D4971	A K P E D A I	K Y R K A S F N V M A A H F G	R V I L G A M A N G R I P F D A K M A		
UniRef90_F7NTW9	T D A E D A V	T Y R Q H S F Q L I R H N F	V D L S D M M R K K V P F D A K A E		
UniRef90_V5PV65	K A D D A V	E Y R Q S A L F L L G N H F G	R I L G A V V K G D A P F N D D V I		
UniRef90_Q480K8	A T E				

QUERY	R	R	K	Q	E	R	A	N	M	A	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E	
UniRef90_UPI0003B41E09	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_W6LZA7	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_W8KTM8	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_D5X6Y4	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_UPI0003A7D063	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_B1Y490	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_P00143	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_UPI00025577EB	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_J0KV55	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_UPI000362796A	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_UPI0004718470	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_Q12GV8	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_A8FSF9	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_M1SX50	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_A9LQJ5	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S	A	E
UniRef90_W6M737	R	R	K	Q	N	A	E	N	V	A	T	M	V	A	K	L	A	P	I	G	W	A	K	G	T	E	A	L	P	N	G	E	T	K	P	E	A	F	G	S	K	S		

QUERY	90	100	110	120
UniRef90_UPI0003B41E09	F L E G W K A L A T E S T K L A A A A K A G P D A V L K A Q A A M A T G K V C K A C C	F T E R M M T A F F Q Q E S A A A V L A A A A K A G G D N E A I V I K A A Q F G M D K T A K E T S C K A C C	UniRef90_W6LZA7	F E A K A M N D A F F Q Q E S A A A V L A A A A K A G G D N E A I V I K A A Q F G M D K T A K E T S C K A C C
UniRef90_W8KTM8	F D E K A A N D A F F Q Q E S A A A V L A A A A K A G G D N E A I V I K A A Q F G M D K T A K E T S C K A C C	UniRef90_D5X6Y4	F K A D A A N K L Q E E M T P K L V A A A A K A G G D N E A I V I K A A Q F G M D K T A K E T S C K A C C	
UniRef90_UPI0003A7D063	F E Q K K I A D F E E E V S R M T A L I D E G A D Q L K R R Q A F G E I T G K S T K A C C	UniRef90_B1Y490	V K A G A T K M Q E A I L T A L N A A A K A G G D N E A I V I K A A Q F G M D K T A K E T S C K A C C	
UniRef90_P00143	F E E R Q E T F K Q E A T A T L A Q M V A D D G E E D Q L K R R Q V Q F G A V G K S T K A C C	UniRef90_UPI00025577EB	F E G G S N M L M E K T A A L A T A A A K T G D D Q L K R P A F G E I T G K S T K A C C	
UniRef90_J0KV55	F K E S D S D K L F E A D T V K L A A A A K A G G D N E A I V I K A A Q F G M D K T A K E T S C K A C C	UniRef90_UPI000362796A	F E S A V N A F V E S S K L V K V V E S G D D N A L L K T A F F G A T A N K S T K A C C	
UniRef90_UPI0004718470	F K Q K A Q T F E Q N A T K L V S A A Q S G D K A M K K A F F A M T G K S T K S C C	UniRef90_Q12GV8	F K E S S D K L V J A D T A K L V V A A K T G D D A L K T A F F A M T A G N K S T K S C C	
UniRef90_A8FSF9	F D A K M K Q L Q Q D S A A L A L A A K S D D D K A I L K K A F F A M T A K N K S T K G C C	UniRef90_M1SX50	F K S A G E K M Q L A V A N L A T A A Q S G D D E A I L K K A F F G A T A G A S T K A C C	
UniRef90_A9IQJ5	F R Q K Q E R L K D N L A K L T A A A A D S G D D N T L R A A F F G D V G A S T K A C C	UniRef90_W6M737	F D S K M K R D F Q Q E A T K L A E V A K A G G D Q A I L K K A Q F G K T A E T K A C C	
UniRef90_F5Y599	F K E G A D K M Q A E M A K L V A A T K T G L D S A I I K A S F F G P A A G S T K A C C	UniRef90_A1S402	F D S R M S E F Q Q E N A A K L A V A A K T G T D D A I K S A F F M N T A G A G Q S K A C C	
UniRef90_W7X7P0	F N A A A E K M Q G E V S K L A A A A K T G D L D A V I K T A F F G A A G K S T K A C C	UniRef90_H1G1R7	F D E L A R N F E A Q A A R L L E V V D A G E R E I L R M E I G R L G Q S A R T C C	
UniRef90_UPI0002376C9E	F R E H A E K L G P E T V K L A A A A K T G D D E T L K K A A F F G A T A D S K S C C	UniRef90_Q6LJJ0	F T G K L T K F Q G D L A Q L A N V S S E G D D E A T K K A A F G V A A K N K S C C	
UniRef90_A1RHH2	F D A K M K T F Q E N A A I L L A T V A Q Q G D A A I L K D A F F M N T A G K S T K A C C	UniRef90_A1VIR3	F K A G S D K L A A E S V K L A A A A G K S G L D A L K T A F F G A T A E S T K A C C	
UniRef90_UPI0003A1D8B4	F Q Q E A A A D F R Q A A A E L S Q A A R K S G L L G A L K K K A F S A T S Q S K S C C	UniRef90_Q2BQE8	V K Q K H G N W Q K A V K T L A G E A G N G L L S S I L K K S F F G P V G K S S K S C C	
UniRef90_A3QB08	F D A K M S A F Q D N A A K L A V A A Q S S D Q A I L K K A A F F M N T G K S T K A C C	UniRef90_A4CF65	F L K K A T A F Q D N Y A D K L A V A A Q S G D Q A I L K K A F F G P W A K G K D C C	
UniRef90_E6RH97	F M K K A T A F Q Q Y A D E L A V A A Q T G D F K A I L G K A F F G A W A K G K D C C	UniRef90_UPI0003492E3B	F Q Q K Q Q D L T J D E A Q K L A E V A Q D G D F A T R A K L S K V G K S T K S C C	
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UniRef90_D0IXH0	F H D L S G K M E A E V V K L N A A A K T G D L D N I K T A F F G P A A N S K S C C	UniRef90_W7QB07	F E S R Q R T L J E E T A T L A E L A Q G D D F A M R Q Q V A A V A N T R G C C	
UniRef90_D4ZGZ2	F D A K M V S L Q D N A A A L L L A S A S D D D K K L K Q S F M K V A K S A K A C C	UniRef90_W4HPR2	V G S K W A D L L G E A V S G L Q E V A G D G R E A I L G P A L F G P V G N S A K A C C	
UniRef90_V8QR19	F N K A K D K M L V A V D K L A T A E A Q S G D K K I K I L A F G V G Q S A K A C C	UniRef90_UPI00047BBFF4	F K E H N E K L L S E T P K L V A A A K T N L D N I L K T A F F K S T A A G A K S C C	
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UniRef90_E6VBD3	F K E R Q K K L I J E T G K L V V A A K A G N D A L K K A Q F F G P T G A S K A C C	UniRef90_UPI00035D8D70	F Q S K A K D L D T Q A K L L A E V A K A N D E A K K E Q F F K K V A E A K A C C	
UniRef90_UPI00046FB673	F K Q K E Q A F Q D G V A N L S A A A A D S G D L A V R A A F F G A V G A S K A C C	UniRef90_T1AC90	F S A K M Q N F E N A S A T L A A V A R S S D Q A A K A A F F I K T A D T K S C C	
UniRef90_UPI00037D4971	Y K E A S D K M Q A E M A K L N T A A K A G N D A L K K V A F F G P A A A S K A C C	UniRef90_F7NTW9	F Q Q K A E Q F Q T D A L A L Q V A A K T G E Q A V I K K A A F F G N F A K N K A C C	
UniRef90_V5PV65	F Q Q A A E K M E T A V A K L N T V A K G G D A S I K T A F F G E A A Q T K S C C	UniRef90_Q480K8	F S K N I D L T V A S S K L I A A K S N N S I K K A I G G V G K T K G G C C	
UniRef90_UPI00035C90F0	F L E R G E K L L A A D A S T L Q A A A Q T G D K N V I R Q A F F G N F A R N K A C C	UniRef90_U1KAQ0	F D G K A K Q F A E Y A Q A L A V A A A D S G D K K L I A A F K D W A K G K D C C	
UniRef90_Q221F2	F K E Y A D K M Q A E M T K L A A A A K T G L D N I L K T A V S A T A T G G T K D C C	UniRef90_UPI0003675A7E	F E E Q L S T E T H N A A V T L L E A I E G G D E N L G P R F F R E L G Q S T A C C	
UniRef90_UPI000366A91E	F K S K L E A F Q V E A N L V K A A A D T G D E Q I R E Q F A A T A K A K S C C	UniRef90_UPI0004692A16	F E K H A Q A L M D E S Q N T L S E V A A A T Q D F A I R E Q F A A T A K A K S C C	
UniRef90_U7P5L7	F H E R R D T F I A E A N T L A Q M V D D G E E A L R K Q Q V G A V A N S K A C C	UniRef90_A0A016XEQ4	F T A A A Q R L Q A D T A K L A E A A A R T G D E R I K A A F G D T A D S R A C C	
UniRef90_A3WN82	F E S R A N Q L T D A D S			

QUERY	H Q E F K Q D
UniRef90_UPI0003B41E09	H D N F K D
UniRef90_W6LZA7	H K A F R K D
UniRef90_W8KTM8	H D D F R
UniRef90_D5X6Y4	H D A F R E D
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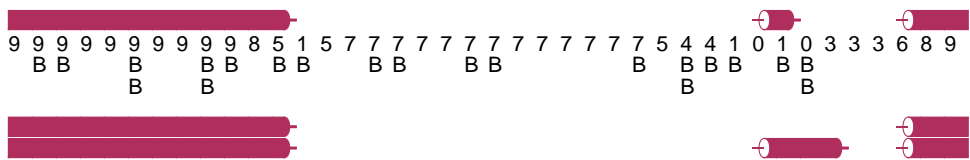
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