



QUERY	V	S	W	A	Y	Q	E	R	H	G	V	S	V	D	A	L	D	I	D	R	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G				
UniRef90_U4K9I5	V	S	W	A	Y	Q	E	R	H	G	V	S	V	D	A	L	D	I	D	R	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G				
UniRef90_E3BIY4	I	A	W	A	F	L	Q	E	D	D	I	G	V	V	F	L	D	D	I	D	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_B8K8X3	I	E	W	A	T	A	L	Q	E	D	D	I	G	V	F	L	D	D	I	D	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_F2P4Y1	L	N	W	S	A	Y	L	Q	E	D	D	I	G	V	F	L	D	D	I	D	S	S	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_Q6LLT5	V	N	W	A	F	L	H	E	A	Q	Q	F	L	D	D	I	D	D	I	D	S	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_B6ENW2	I	N	W	A	Y	L	R	E	A	Q	Q	F	L	D	D	I	D	D	I	D	S	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_U3A6M8	V	D	W	R	Y	L	R	E	A	Q	Q	F	L	D	D	I	D	D	I	D	S	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_A3QJ28	L	D	Y	L	S	D	L	V	Q	Q	K	G	V	L	S	E	F	L	D	D	A	D	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_UPI00030D3373	L	S	W	A	Y	L	V	Q	Q	K	G	V	L	S	E	F	L	D	D	A	D	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_B8CH45	L	S	Y	L	N	E	L	V	Q	Q	K	G	V	L	S	E	F	L	D	D	A	D	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_E8VTJ2	V	D	W	L	T	F	L	K	E	S	K	Q	G	V	E	V	E	F	L	D	D	E	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_UPI0002E9DD74	L	N	W	L	T	F	L	K	E	S	K	Q	G	V	E	V	E	F	L	D	D	E	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_F9RQW4	V	S	W	L	E	Y	L	Q	Q	K	G	V	L	S	E	F	L	D	D	I	D	E	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_C9P1R5	V	A	W	L	E	H	L	K	E	R	N	E	F	L	D	D	I	D	D	E	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G				
UniRef90_Q47VE3	L	F	W	L	A	H	L	K	E	R	N	E	F	L	D	D	I	D	D	E	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G				
UniRef90_A6D4H3	V	N	W	L	F	Y	L	Q	E	S	H	G	V	L	T	V	E	F	L	D	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_C9QDL6	M	N	W	L	T	F	L	Q	E	S	H	G	V	L	T	V	E	F	L	D	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_W9A225	V	N	W	L	V	Y	L	Q	E	S	H	G	V	L	T	V	E	F	L	D	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_B1KN18	L	A	Y	L	N	D	L	V	Q	Q	K	G	V	L	S	E	F	L	D	D	L	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_UPI000394240E	I	D	W	L	A	F	L	R	K	E	Q	Q	G	V	L	S	E	F	L	D	D	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_F7YPL4	V	D	W	L	A	F	L	R	K	E	Q	Q	G	V	L	S	E	F	L	D	D	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_U2ZZ15	L	N	W	L	S	H	L	K	S	D	F	G	V	E	V	E	F	L	D	D	I	E	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_D0I3A1	I	S	W	L	A	D	D	L	S	V	N	H	G	V	L	T	V	E	F	L	D	D	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_UPI0004752418	L	N	W	L	A	D	D	L	S	V	N	H	G	V	L	T	V	E	F	L	D	D	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G			
UniRef90_V5EYT0	M	N	W	L	F	L	R	Q	E	R	H	G	V	L	T	V	E	F	L	D	D	I	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_L8D9U8	I	S	W	L	D	E	L	V	Y	K	T	H	G	V	L	S	E	F	L	D	D	I	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_K6Y1X6	L	S	W	L	D	E	L	V	Y	K	T	H	G	V	L	S	E	F	L	D	D	I	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_U1JKU3	I	A	W	L	D	E	L	V	Y	K	T	H	G	V	L	S	E	F	L	D	D	I	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_W7QEC6	V	R	W	L	A	T	L	V	Y	K	T	H	G	V	L	S	E	F	L	D	D	I	T	E	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_U1JW50	V	A	W	L	D	E	L	V	Y	K	T	H	G	V	L	S	E	F	L	D	D	I	T	E	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_Q089T8	L	G	Y	L	H	D	L	V	E	Q	K	G	V	L	T	L	D	S	L	D	D	I	T	E	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_A1S1Y3	L	G	Y	L	K	G	D	L	V	E	Q	K	G	V	L	T	L	D	S	L	D	D	I	T	E	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G
UniRef90_F5ZG08	L	E	W	L	K	G	D	L	V	E	Q	K	G	V	L	T	L	D	S	L	D	D	I	T	E	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G
UniRef90_F3BNB4	I	E	W	L	D	E	L	V	N	H	H	G	V	L	K	I	E	N	L	D	D	I	S	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_UPI0004752680	I	G	W	L	T	Y	L	K	E	Q	Q	K	G	V	D	V	E	F	L	D	D	I	A	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_U0FRD8	I	D	W	M	T	F	L	K	E	K	H	G	V	S	A	T	F	F	M	D	D	I	A	D	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G
UniRef90_B7VHG5	V	D	W	L	T	F	L	K	E	K	H	G	V	S	A	T	F	F	M	D	D	I	D	R	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_UPI00034CE17A	L	A	W	L	D	E	L	V	Y	K	T	H	G	V	L	S	E	F	L	D	D	I	S	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_UPI00046A7F6B	L	S	Y	L	D	G	D	L	V	Q	K	G	V	L	S	L	D	S	L	D	D	I	S	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_A6FGY6	T	A	W	L	E	R	L	N	K	S	Q	G	V	L	E	I	Q	N	I	D	D	L	A	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_Z5XLL0	V	E	W	L	D	E	L	V	N	S	Q	G	V	L	E	I	Q	N	I	D	D	L	A	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_W0A5W8	L	L	W	L	A	T	L	S	D	S	Q	G	V	L	Q	I	E	I	E	V	A	R	G	L	V	K	V	R	R	L	Q	Q	L	K	R	R	G	G				
UniRef90_K6XXH5	V	S	W	L	Q	S	L	E	A	L	G	I	R	I	N	V	D	L	L	A	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G				
UniRef90_A4CES8	V	D	W	L	A	E	L	T	T	S	T	H	G	V	V	I	T	N	V	E	L	L	N	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_V4HV79	V	S	W	L	D	V	L	T	N	T	Y	G	V	K	V	A	N	L	D	D	I	E	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_E1SLN8	M	G	W	L	T	E	L	Q	Q	R	Q	G	V	A	V	E	A	L	D	D	I	E	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_R9PPG5	M	T	W	L	K	M	L	S	Q	R	Y	G	V	I	V	E	N	V	D	D	L	D	E	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_F7NYC0	L	T	W	L	H	A	L	K	S	Q	R	H	H	G	V	S	I	V	Q	L	D	D	L	A	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G
UniRef90_F4D7X7	L	L	W	L	S	T	L	V	E	Q	K	H	H	G	V	I	Q	V	Q	I	D	D	L	A	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G
UniRef90_G8WCE4	M	H	W	L	I	T	L	E	Q	Q	K	H	H	G	V	H	I	T	A	L	E	V	A	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_UPI0004726A01	L	G	F	L	D	Y	L	V	Q	Q	K	G	V	L	S	L	D	T	L	D	D	I	A	K	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G	
UniRef90_W0L550	M	Q	W	L	T	Q	L	E	Q	Q	K	G	V	L	R	I	A	A	F	E	V	A	P	G	V	V	E	V	K	R	R	L	Q	Q	L	K	R	R	G	G		
UniRef90_A0A026ZYJ3	M	Q	W	L	T	Q	L	E	Q	Q	K	H	H	G	V	R	T	M	V	F	D	D	V	A	P	G	V	V	E	V	K											

UniRef90\_S1HWV1  
UniRef90\_UPI000376F130  
UniRef90\_E6W4U2  
UniRef90\_UPI000468C46B  
UniRef90\_B8GU53  
UniRef90\_A0YBF1  
UniRef90\_S5AIH6  
UniRef90\_M1FJJ1  
UniRef90\_UPI00036E3699  
UniRef90\_G4E6B8  
UniRef90\_R8AUC0  
UniRef90\_I7Z767  
UniRef90\_A3UEX1  
UniRef90\_V5CI52  
UniRef90\_W5YYK6  
UniRef90\_UPI00039F0CC9  
UniRef90\_H1G252  
UniRef90\_UPI00047D6F5C  
UniRef90\_A1SR65  
UniRef90\_C7R8F1  
UniRef90\_W8L287  
UniRef90\_C4L989  
UniRef90\_P15752  
UniRef90\_UPI0004642A69  
UniRef90\_A4BDW7  
UniRef90\_UPI0004657A8C  
UniRef90\_Q21EQ3  
UniRef90\_UPI00036F1D31  
UniRef90\_UPI00036B770B  
UniRef90\_UPI00046AC69C  
UniRef90\_Q0A613  
UniRef90\_I3AFP5  
UniRef90\_E1VQG8  
UniRef90\_G2DBT6  
UniRef90\_A0A031MEX0  
UniRef90\_C6XJ56  
UniRef90\_U3ADG9  
UniRef90\_UPI0003B53FA4  
UniRef90\_D6Z6G3  
UniRef90\_B3PEM1  
UniRef90\_UPI00036B9FFF  
UniRef90\_I3IFH6  
UniRef90\_W6MD36  
UniRef90\_UPI0003A7373F  
UniRef90\_A0A059G504  
UniRef90\_UPI0003B4792A  
UniRef90\_M9W3E9  
UniRef90\_X7FU25  
UniRef90\_C5BM29  
UniRef90\_Q0ASQ4  
UniRef90\_H3LWS3  
UniRef90\_UPI00046433DF  
UniRef90\_A4A5K6  
UniRef90\_UPI00046A711E  
UniRef90\_F7QDB9  
UniRef90\_UPI00036E143B  
UniRef90\_B7RHZ7  
UniRef90\_A3WP21  
UniRef90\_UPI00037AFAB4  
UniRef90\_UPI0003700E9D  
UniRef90\_A0YG42  
UniRef90\_W6LSA9  
UniRef90\_UPI00037EFD6D  
UniRef90\_UPI000255BA6A  
UniRef90\_UPI0003B2F952  
UniRef90\_UPI00036233EE  
UniRef90\_UPI000375866B  
UniRef90\_K2GHR3  
UniRef90\_U3HCK0  
UniRef90\_UPI00036A4BF4  
UniRef90\_F3LEP7  
UniRef90\_U3B3X6  
UniRef90\_UPI00035D28E5  
UniRef90\_R8ASQ0  
UniRef90\_U3H982  
UniRef90\_UPI0003730427  
UniRef90\_UPI00036F7839  
UniRef90\_B7RST8  
UniRef90\_L8MRF2  
UniRef90\_D8EHJ8  
UniRef90\_Q5QY94  
UniRef90\_B8KQL9  
UniRef90\_UPI000368FE31  
UniRef90\_L0E2E2  
UniRef90\_UPI000421F4BE  
UniRef90\_F3L1E8  
UniRef90\_UPI0004687C3C  
UniRef90\_P25061  
UniRef90\_UPI00036C7E75  
UniRef90\_L0ML31  
UniRef90\_UPI0003820C24  
UniRef90\_H2IR92

UniRef90\_S1HWV1 L K W L N A L D E K Y A L R V T Q L D V S P G M V N V Q R L E F G R G  
UniRef90\_UPI000376F130 V N W L T V L S N Q Y S I V S V I N S D L S R R G Y I K I N R L L L L G  
UniRef90\_E6W4U2 A G W V E K L Q V E H A I T V V S Q V A V D P G M V N V R A V L L S R R  
UniRef90\_UPI000468C46B I V W L A E L Q R E H A I R V S Q L E V T P G A V H I E T L R L R L S R  
UniRef90\_B8GU53 M T W L G T L E T R E H G I R A T S L V V D R G R V N A R L T L L E  
UniRef90\_A0YBF1 I L W L E R L D K R H G I S V D E L S V D R G L V S I R L V L L  
UniRef90\_S5AIH6 L D W L K A M E N M G V V I  
UniRef90\_M1FJJ1 A S W L E T L S V E N G V L I D Q A A L E K G N V T A R L T L L G  
UniRef90\_UPI00036E3699 M D W L T M L E Q Q Q H R I K V K N I Q L L E S G S V E V Q R R L Q L L E R G G  
UniRef90\_G4E6B8 L H W L A L L E Q Q Q H G V R I T G V V I D R G L V S A R I A L L E R A G  
UniRef90\_R8AUC0 L A W L N T L H D E F G I Q V R F L D I S P G Q V R V L N L L L  
UniRef90\_I7Z767 V R W L A D L Q T R Y G I A V Q S S L D I E A G L V D A R L L S L L T R  
UniRef90\_A3UEX1 M G W L S L L S R E H G V N A E R V S L D R G E T R V R Q L T L V R A G  
UniRef90\_V5CI52 M L W F S Q L E Q Q Y R V Q I V A L D V T P G W V T V N K L M L D R  
UniRef90\_W5YYK6 I D W L D A P A M R G V N A L S L S V T P G W V T V N H L L L L E R  
UniRef90\_UPI00039F0CC9 M R W L A E L E K R Q G L Q I S Q L A V D P G Q V S A R V L V E S R  
UniRef90\_H1G252 L R W L D G L G Q Q Y G I Q V S S L D I E A G L V D A R L L S L L T R  
UniRef90\_UPI00047D6F5C L L W L S T L V J E Q Y G I Q I Q V I D L A P G L V K V R R L L Q L S R  
UniRef90\_A1SR65 I N W V S V L S S Q Y S V S V L N A D I S R G Y I K V T R L S L G  
UniRef90\_C7R8F1 L R W I S L L E Q Q E R G L V V D T L R V S K  
UniRef90\_W8L287 L L W L D E L R R Q Y G I V V S S L V V D R G R V N V R R L V L L E  
UniRef90\_C4L989 V S W L N M L E Q Q Y G I T P Q Q I D L Q P A E V N Q V R R L L L L G R  
UniRef90\_P15752 M A W L D A L G Q T A T L A V T A V A Q Q P G E V T V N T L V L L E R  
UniRef90\_UPI0004642A69 I Q W L Y D M E Y N G I G V S V D F S M A Q G R V T V N R L L Q  
UniRef90\_A4BDW7 V Q W L G G L E H M G I G H T E L A L D P G G F V N V R V T F G V G G  
UniRef90\_UPI0004657A8C L N W L D M L E Q Q Y G I V V Q Q L E L Q P G Y V L V K R L L L L G R  
UniRef90\_Q21EQ3 L A W L N E M E V E K G L Q V Q K D M S I A E G M V S V  
UniRef90\_UPI00036F1D31 L K W L V L L Q T K H G V A V Q Q I R I D K  
UniRef90\_UPI00036B770B V A W L H E L E S E Y A V T V K D A S L T P G  
UniRef90\_UPI00046AC69C I G W I A T L E A E S G V R A L S V E M S R G M V S L R  
UniRef90\_Q0A613 L Y W L D A L A E T G V R V H A L S L A P G R V N A R L T L L E  
UniRef90\_I3AFP5 M L W L A E L Q R E Q G I R V V Q L A V E R G V V K V S Q L  
UniRef90\_E1VQG8 M R W L D T L D K Q H R T S I V N L S L D P G L V T A K  
UniRef90\_G2DBT6 L R W L G L L Q Q Q Y R I Q V V S M N I D P G R I N A R I S L E R  
UniRef90\_A0A031MEX0 V L W L A E L E Q Q R H G L Q V S Q L A V D A G  
UniRef90\_C6XJ56 Y A W L T D L E T N H G I S V A S I R M N K D T V T V N A N V L S R G N  
UniRef90\_U3ADG9 L L W L S D L E T D E A V G I A A I E I E P G V V S L R L T L L E  
UniRef90\_UPI0003B53FA4 L R W M N E L Q T R Y G V R I E V A D I E R G L V N A R L A V I R A  
UniRef90\_D6Z6G3 L R W L D R L G R G H G I E A V E V V V E P A R A R V N R L T L I R  
UniRef90\_B3PEM1 M Q W L Y E L F R G H G V S V R D L S L D P G L V T V N L R L Q K A  
UniRef90\_UPI00036B9FFF I D W L A M L S S N N G I S V K Q I S L G R  
UniRef90\_I3IFH6 M Q W L Y E M E F K Q G I S V S E L S I A A G Q V T V N R L Q  
UniRef90\_W6MD36 L P W L N I L E E Q H R I V L I S L T V D R G L V N A R I V L L G  
UniRef90\_UPI0003A7373F Y R W L A R V E R D L G V P V E Q V T L N E G R A T V R A N V L I R E G  
UniRef90\_A0A059G504 M R W L D L L S R D H A I T V V Q A D I A P G M V S A E L T L L E R  
UniRef90\_UPI0003B4792A L A W L D A L A R E Q G V V V E R I S L A D R E A D E R V R A Q L T  
UniRef90\_M9W3E9 I T W L D A L A R Q G I L A S S L A V S P G W V T V T T L V L E R  
UniRef90\_X7FU25 L S W L A D L Q R E H G I R V L A L A V E R G V V Q V S L L R V T  
UniRef90\_C5BM29 L A W L Y A I E V S Q R L Q V K D I S V A E G L V S V N  
UniRef90\_Q0ASQ4 L A W L V D L D R R Y G I R A Q A S T L D R G F V S A S F V L S R G G  
UniRef90\_H3LWS3 M A W L D A L G Q A G M T T V L T V A P G R V T V T T L V L L E R  
UniRef90\_UPI00046433DF T E W I A Q L E S V E G V R A L S V E M S R G Q V S M R L T L L E D A  
UniRef90\_A4A5K6 L R W I H E L E T T Q G L R V D D L S L S Q  
UniRef90\_UPI00046A711E T S W I A S L E A S S G V R A V A V E M D R G Q I S L R L T L L E  
UniRef90\_F7QDB9 L F W L R S L Q R D Y G V A A Q Q M T I T R G T V Q A R L T L A R G S  
UniRef90\_UPI00036E143B V L W L E F L E K Q H G I S L S N I N I E R A Y V N A R  
UniRef90\_B7RHZ7 I K W I A A M E T D A E I A L V A I E M D R G L V A A R L T L L E N A  
UniRef90\_A3WP21 M S W L Y A L E Q T Y Q L Q V T T L D L A R G K V R V R Q V L V T  
UniRef90\_UPI00037AFAB4 Y A W L T D L E T N Y G I S V S K A S I  
UniRef90\_UPI0003700E9D L R W L G E L Q S R Y G I G V D S A E I A P G L V N A R F T L A R  
UniRef90\_A0YG42 L S G L H E L E V G N G I V I K D L S V A T G L V N V S R L R  
UniRef90\_W6LSA9 I V W L G A L E R N H R L T I V N L S V D R G R V N A R  
UniRef90\_UPI00037EFD F D M S W L T L L E T K H R L Q V L Q I D V E K G L V N A K V L  
UniRef90\_UPI000255BA6A Q P W L N T L L Q Q R F V I R S L S V D A G M L S A R L T L L E R  
UniRef90\_UPI0003B2F952 M L W L T E L E G R Y G L S V Q R A E L  
UniRef90\_UPI00036233EE M G W L G E L E T E G G V V P V R L A L L E R G  
UniRef90\_UPI000375866B M Q W L Y D L E Y K H D V S V K D L S M A P G Q V T A N R L S  
UniRef90\_K2GHR3 I T W L Q T L Q Q E Q G V R A A A V E I S P G T V N V R A T L R R G S  
UniRef90\_U3HCK0 L R W F A G L E A Q G V R I E E A G L D R G E D G A A R L T L L R V G G  
UniRef90\_UPI00036A4BF4 Q P W L N Q L K E K L S V R T I N L D A E Q G M V S A R L T L L E  
UniRef90\_F3LEP7 V Q W L H D L E Y E H N V V I E E M S V S P  
UniRef90\_U3B3X6 L R W L I S L E E Q G V R V E E A G L E R G L V S T R L L L R A G  
UniRef90\_UPI00035D28E5 M R W L G E L E Q E D G V V P E R I L L E R V V E P G R I  
UniRef90\_R8ASQ0 L S W L L R L R L Q Y G I E V A A L D L S G G V V R V D R L Q L  
UniRef90\_U3H982 L K W L A E L D K R G V L T E A S L D K G K V D A R L T L M V A G  
UniRef90\_UPI0003730427 M L W L G E L E T E D G V V P V R V S L E R G  
UniRef90\_UPI00036F7839 M A W L V E M A Q N D G I V A Q N V I M D R  
UniRef90\_B7RST8 I A W L Y Q V E Y K E G L R V L E T S I T Q G R V N A  
UniRef90\_L8MRF2 L R W F G V L E G Q G V R I E E A G L T R G R V T A R L S L K V G G  
UniRef90\_D8EHJ8 L N W L  
UniRef90\_Q5QY94 L S F L A E L E Q R Q G L S L K A V D I A P G Q V R L R K L L V S E A S  
UniRef90\_B8KQL9 V R W L H R I E V V E G L L I V E A S I A Q  
UniRef90\_UPI000368FE31 M R W L G E L E Q E D G V V P G R I V V D P G R V N A  
UniRef90\_L0E2E2 I R W L A T L E S G H G L Q V I S L G I D P G R V N V Q  
UniRef90\_UPI000421F4BE L A L I D A L Q Q Q E S L V V Q Q L D V T P G Y V H V R R L K V G  
UniRef90\_F3L1E8 A Q F L H A L E I E Q G V I V R E V N L S Q G M V A A T I R L A Q G G  
UniRef90\_UPI0004687C3C L R W F A V L E Q Q G V Q I V E A G L D R  
UniRef90\_P25061 L P W L E Q L E N Q G V Q V A E A G L D R G R V S A R L S L L  
UniRef90\_UPI00036C7E75 I Q A L S K L E S D Y G I T V D D I S I D K G L V Y V S R L S L I R  
UniRef90\_L0ML31 I G W L A E M Q R D F G I T V V K N I Q I D G D R V K V D A L L  
UniRef90\_UPI0003820C24 M T W L D D L E T E D G V V P V R I S L E R G  
UniRef90\_H2IR92 L R W L E V L N K E Y G I Q V V A I T L E K G S V K V S Q L I L L

UniRef90\_U2B675  
UniRef90\_A4XWF6  
UniRef90\_Q69GY8  
UniRef90\_H3NY41  
UniRef90\_A0A028V6Y7  
UniRef90\_F7S067  
UniRef90\_K2JP06  
UniRef90\_UPI00035EDD79  
UniRef90\_J9DUV0  
UniRef90\_A0A022GMJ6  
UniRef90\_E8XVW1  
UniRef90\_D9QKU3  
UniRef90\_K0CD52  
UniRef90\_UPI000464068E  
UniRef90\_U2WTN6  
UniRef90\_A7C5U9  
UniRef90\_W1S4G4  
UniRef90\_I3CG54  
UniRef90\_UPI000462DA9B  
UniRef90\_I4JRF3  
UniRef90\_D4Z3J9  
UniRef90\_F2MW98  
UniRef90\_UPI000370A57E  
UniRef90\_A0Z781  
UniRef90\_R9NJJ2  
UniRef90\_G0A762  
UniRef90\_U7G3L8  
UniRef90\_W8RNNW6  
UniRef90\_F6EWI8  
UniRef90\_Q46W96  
UniRef90\_K2ACT1  
UniRef90\_A0A031J9D2  
UniRef90\_B4X1B6  
UniRef90\_A8GJP6  
UniRef90\_UPI00035F1108  
UniRef90\_E6WR45  
UniRef90\_UPI00037C5D4E  
UniRef90\_L0WBW4  
UniRef90\_B3R7X0  
UniRef90\_UPI0004120819  
UniRef90\_UPI00047A4829  
UniRef90\_S6AGK7  
UniRef90\_K2BTH3  
UniRef90\_UPI0004695A5B  
UniRef90\_V9QNN3  
UniRef90\_F0BB21  
UniRef90\_A3YCB4  
UniRef90\_A0A023V3V0  
UniRef90\_UPI000255650C  
UniRef90\_Q5X440  
UniRef90\_Q3BXL7  
UniRef90\_UPI00037760AC  
UniRef90\_N1MQA2  
UniRef90\_UPI0002F49F72  
UniRef90\_F2K4H1



