



QUERY	50	60	70	80
UniRef90_UPI000382AB21	T V I K E E R Q R A E L A K H H V L S V L W S D D Y F K P P P H F F E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_UPI0003621D94	I Q I K E E R Q R A E L A K H H L S V L W S D D Y F K A P P H H F F E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_C7QCR7	L I I K E E Q R S A E L A K H H L S V L W S D D Y F K A P P H H F F E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_UPI00036F6E75	V A I K E E R S S E H L V K E H H L W V L W T D D Y F K A P P H H F F E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_A0LSC9	V A I K E E Q R A E K E T K K E H H L W L W T D D Y F K P P N H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_UPI0003040229	V A I K E E D Q A K E T K K E H H L W L W T D D Y F K P P N H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_C7M2S9	T L I K E E Q R A E E E C N H H L D V L W Y Q Y F Q P P A H H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_D3CWN2	V A I K E E E Q A E L V K K E H H L W L W T D D Y F K P P N H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_K9RB81	V A I K E E E Q A Q K T K E H H L W L W T D D Y F K P P V H H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_U5DMA2	I A I K E E E Q A Q Q T K D E E L L I L W T D D Y F K P P E H H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_B0CC21	I Q I K E E E Q A Q K A K E H H L W L W T D D Y F K P P Q H H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_A4XB29	I L I K E E Q R A E L V K K E H H L W L W T D D Y F K P P A H H F F E E K Y P P H L L H H Q L L V N K D			
UniRef90_S6GKM7	V S E K E E H A E K V K N E E V R I I W G D Y F K A A Q Q F F E E A F C G G T N E L L V H N			
UniRef90_F4XPA2	I A I K E E E Q A Q K T K E H H L L L W T D D Y F K P P V H H L L E E Q Y P P D D L L H H T D T F W K			
UniRef90_D3EQD8	I A I K E E E Q A H I A K K E E L L V L W T D D Y F K P P V H H L L E E Q Y P P D D L L H H T D T F W K			
UniRef90_N6VRL2	T L Q K E E H A E I A K H H E I R V I W G D Y F K Q P P H H L L E D K Y P P D D L L V L H H S L A H S			
UniRef90_M1X084	I S I K E E E Q A Q Q K K D D L L I L W T D D Y F K P P E H H L L E E Q Y P P D D L L H H T D T F W K			
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UniRef90_UPI0003B3B9A8	L I I K E E Q R S E L V K H H L W V L W T D D Y F K P P H H L L E E K Y P P Q Q L L H H Q L L V N K D			
UniRef90_UPI000371634E	V R V K E E E H S H V K N E E L N I L W S D D Y F K P P E H H L L E E K Y P P S L L H H Q L L V N K D			
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UniRef90_A2C460	V A I K E E E S Q K A K K E L L I L W T D D Y F K P P Q H H L L E E T Y P P D D L L H H T D T F W K			
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UniRef90_B1KGN3	V A E K E E S H G R K V K D E E L N V I W G D Y F K Q P P Q L L E L L F H H H L T H S			
UniRef90_A6G8H5	V A I K E E E Q A E H T K R E L L I L W T D D Y F K P P H H L L E E K N P N I H H H L F W K			
UniRef90_A4T6H7	I T I K E E R Q A E E V K H H L T V L W A D F F T P P H H F F E Q F P N L L Q L F W Q			
UniRef90_A4C131	L A E K E E R H A A L V K H H E I R I I W G D F F K P P H H F F E K F P E L L S D L T H R			
UniRef90_T0ZDL1	T S V K E E R H A E R V K H H E I R V I Y G D Y F T A D H H K A F P E Q L S E L T F K			
UniRef90_S5DQ68	V T I K E E E R A E E V K H H L W V L W T D D Y F K P P E H H L L E E K F P N Q L H H D L F W N			
UniRef90_E3BAX5	T I I K E E Q R S Q I L K E H H L W L W T D D Y F K P P H H F F E K Y P P D D L L H H T L V N E			
UniRef90_UPI00036736AE	T A I K E E E Q A Q I T K N E L L I L W T D D Y F K P P H H L L E E K Y P P D D L L H H T D T F W K			
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UniRef90_M5A2F7	I S I K E E E V L E K T K H H L M V L W A D F F A P P H H F F E F P P D D A S G V V H K			
UniRef90_W71YT1	I L I A E E Q R S E L V K H H L M V L W T D D Y F K P P H H F F E K Y P P D D L L H H D L F N R			
UniRef90_K2B710	T K V K E E H A E L V K H H E I R V L W G D Y F K A E E E L K A Y P E L L N N D L V F K			
UniRef90_K7AD50	T R E K E E M H A N N V K H H E I R V I W G D Y F K A P P Q L L E K A F P N T S L V H H			
UniRef90_E8MZU8	I L I K E E H A E L C K R E E I R V I F G D F I K K E H H V L E E K Y P E L L P T L F H K			
UniRef90_UPI00046AFC0C	V E Q K E E S H H A K A K H H E I R I I W G D Y F K Q P P Q R D A Y P E L L D A L V H H			
UniRef90_A3Y5W3	V N E K E A H G L K V K H H E V R V I W G D Y F K Q P P Q F K Q V P H H V L L V H Q			
UniRef90_T2JAX0	I A V K E E E Q A Q K T K E E E L L I L W T D D Y F K P P V H L L E A Y P D L L H H D M F W K			
UniRef90_R1GN55	I E Q K E E E A G K K K H H E I R I I W G D Y F K Q P P Q L L D Q F P E L L H H S L T H H			
UniRef90_UPI0004688237	V T V K E E S E A I L C K K E E I R I I W G D Y F K G P P Q L L E K Y P E L L H H S L T V H N			
UniRef90_K2CCS7	T K V K E E D H A E I L K R E L Q V L W S D D Y F K E E H L L E E K F P D D L L H H D L V W K			
UniRef90_K9PU55	V A I K E E Q Q A T L A K D E L L V L W T D D Y F K P P V H L L E T Y P D D L L H H T T L W N			
UniRef90_T1CSF6	Q L V K E E H A E R L K Q E L R V I W G D Y F T A D H H A K Q H P G I H H D L T W K			
UniRef90_I1YL15	T Q E K E E T H A E I A K H H E I R V I W G D Y F K Q P P Q L L E Q F P H H H H L A H K			
UniRef90_B8CQN1	L G E K E E L H G K K V K A E I Q V I W G D Y F K Q P P Q L L D A F P E L L H H S L T H N			
UniRef90_K2B0J3	I Q I K E E E A E K C K R E I L I L W T D D Y F K P P V H H L L K D A F P D D L L H H D L I W Q			
UniRef90_D4ZLZ1	V A E K E E V H G H K V K D E E I T V I W G D Y F K A P P Q L L D Q F P E L L H H E L S H S			
UniRef90_Q489R2	V N Q K E E N H G A I K V K E E I S V I W G D Y F K A P P Q L L Q Q F P E L L H H E L V H N			
UniRef90_K9YYP6	V Q I K E E E Q A Q I A K E E L L I L W T D D Y F K E K H L L Q Q Y P D D L L H H T T F W K			
UniRef90_R4Z5N3	I T L K E E E R A E I V K Q H I M V L W A D F F T A D H H K E F A N L D D L V W R			
UniRef90_F2K2Y4	V N E K E E V A C R T V K E E V R I I W G D Y F K A P P Q F A K F P D D A S E L V H S			
UniRef90_UPI00037B7752	S L I K E E D Q A Q V K A K D E L L I L W T D D Y F K A P H H L L E E N P E L L D M F W K			
UniRef90_W1IBT4	I A V K E E S E A V K C K E E I R I I W G D F I K P A H H V E E H K D I H H T I T H N			
UniRef90_X7E5M2	V I E K E E A A C T E V K E A V R I I W G D Y F K A T P F A Q V P T D I H H D L T H A			
UniRef90_B3T815	V T V K D E H A E V C K R E L L A I W A D Y G W P N P A D F D L I H H G T F N A			
UniRef90_UPI00037ECDE6	T A V K E E E Y A Q K C K E L L I L W T D D Y F K P E H H F A K Y S D L T D K I L K			
UniRef90_K2CKD6	T H V K E E E H G H L E T E E L G T L W N D Y F K E E H F V K F Q N L K E L L N K			
UniRef90_UPI000474205C	V A V K E E E Q A K E T E K E E L L I L W T D D Y F K P V H H L L E T Y P D D L L H H E T I W K			
UniRef90_K2C2Z1	T H V K E E E H A S L L E N E L T T L Q N D Y F K E E H I K E Y P S L P E L F K N			
UniRef90_UPI000405A188	T A E K E E K Q A E H T K H E E R V I W G D F M K G D K L E H H P N A H A L A H S			
UniRef90_UPI00037B3D04	T H V K E E D Q S S L L E E E L T T L E N D Y F K A E H Y K E H P L G E Y F S N			
UniRef90_F0Y887	V M T K E E D H A N K I I K T T A E E Y M L A Q R V K D Y A E A V T A H H A			
UniRef90_D8F6L1	I V N K E E D H A D Q L Q E I V S Q Y F M T Q R I K T Y A K E L S L L H H A			
UniRef90_C1E138	V M T K E E H H C G K I I K I M S E Y V K P E V F E D Y V D A L K A H H A			
UniRef90_L1INU9	V N T K E E E H C G K I I N I M S D Y C L C Q R V K D F V D A L K A H H S			
UniRef90_X1TC46	V M N K E N H A N E L V Q E I V T Q Y F M T Q R I K E D Y A K K L L I L H K			
UniRef90_UPI00036247F7	I N N K E H H A Q R I Q D R V S T Y F L A Q R I K E Y A G K R L E L L H G			
UniRef90_B7G9A2	I N T K E E H H C K H V I T T V S E Y F K S D E D Y V E A L K A H H A			
UniRef90_B8FHU5	I N N K E E H A N Q F Q E I V T Q Y F M T Q R I K E D Y D K K I A T L H R			
UniRef90_K8EP62	I V T K E E H H C K N I I Q T V I S E Y M L C Q R I V E E Y V L E V L K L H H A			
UniRef90_C6XRQ9	V I T K E E N H A Q K I I Q N E I A T S E Y F L A Q R V I E E Y V S L E L A H S			
UniRef90_K0T5Y8	V M T K E E H A K G I I T Q I S E Y C L C Q R V K K Y V E A L K A H H A			
UniRef90_R1C8U1	V M T K E A H A G S I L M T T L G E Y M L A D Q D E E Y V E A L K A H H A			
UniRef90_UPI000363D389	V I T K E E N H A Q K I I Q D E I A V Y F L T Q R V K A Y A K S L K L A H Q			
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UniRef90_T1D0P1	L N K E E H A Q K I I Q H T T A Q Y F M T Q R I K Y A Q K L A A L H Q			
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UniRef90_Q0I7E2	I A N K E S H A Q S I I E T I S D Y F L T Q R V K D Y T E R L K K H H A			
UniRef90_UPI0003B4A419	V M N K E A H A Q R I I E K I S D Y F L T Q R V K D Y T E R L V K H H K			
UniRef90_Q6AK93	V M N K E D H A Q R V I E T I S D Y F L T Q R V K D Y T E R L V K H H A			
UniRef90_E3HD64	I N T K E I H A E K N Q S I V S Q Y F K P A H Y K D Y I R S L E L L H Q			

QUERY	90	100	110
UniRef90_UPI000382AB21	A T K A A S A T K G S T N D D P K T T G G D E T L L L G Y I I A S E I I S D I I F W E T T K K A		
UniRef90_UPI0003621D94	A L K A A S A T K G S T N D D P K T T G G D E T L L L G Y I I A S E I I S D I I F W E T T K K A		
UniRef90_C7QCR7	A T K L A G A G A K G T Q D D V A V A D K Q L L L A K I I D E I I A E I I F W E T T K K A		
UniRef90_UPI00036F6E75	A T K L A G A G A K G T Q D D V A V A D K Q L L L A K I I D E I I A E I I F W E T T K K A		
UniRef90_A0LSC9	A T K L A G A G A K G T Q D D V A V A D K Q L L L A K I I D E I I A E I I F W E T T K K A		
UniRef90_UPI0003040229	A T K L C S A C K V S I D V A K A E E L L M S Y V A E K I H D N I F W Q T K K A		
UniRef90_C7M2S9	T K K L T S Q A K R A N D V A A D Q Q L L A K I I N E I I A D I I F W E T T K K A		
UniRef90_D3CWN2	K A A G A G A G A K G S V N D P A Q G Q Q L L L D L I D E I I S T L F W E T T K A A		
UniRef90_K9RB81	A A K L C S A C K V N V N D L D K T H A N E L L M A A V I K E D V Q E T F W A T T K		
UniRef90_U5DMA2	A A K L C S A C K V N V N D L D K T H A N E L L M A A V I K E D V Q E T F W A T T K		
UniRef90_B0CC21	A A K L C S A C K V N V N D L D K T H A N E L L M A A V I K E D V Q E T F W A T T K		
UniRef90_A4XB29	A T K L A G A G A K G A T D P A K A D E E L L L Q K I D E I I S K I I F W E T T K K A		
UniRef90_S6GKM7	I M L T G S K C K Q G I D R A A G E N Q L L L T L V N E F A A S F W K T K G V		
UniRef90_F4XPA2	A A K L C S A C K V E V V N D L D H A N E L L L E A V I E D I I H Q S I F W A T T K N		
UniRef90_D3EQD8	A A K L C S A C K V E V V N D L D H A N E L L L E A V I E D I I H Q S I F W A T T K N		
UniRef90_N6VRL2	I M M A G S A C K Q G V L D S R A N G E K L L K L I N E F A E L F W A T T K		
UniRef90_M1X084	A A K L C S A C K V E V V N D L D K A N A Q E L L M D S V E Q N I H Q M F W S T K K		
UniRef90_A9BBR0	A A K L C S A C K V E V V N D L D K A N A Q E L L M D S V E Q N I H H M F W T S K		
UniRef90_UPI0003B3B9A8	K A A G A A G G K G A V V D P A E G Q K L L D L I A Q I D T I F W E T T K K A		
UniRef90_UPI000371634E	A N K L A G A N K Q G V V S S D S A S K K L L V D S V D E I I S K I I F W E T T K G V		
UniRef90_J9Y229	I M L A G S G C K Q H V S R E K A E E L L S L V N E F A E R F W A T T K		
UniRef90_G4HWC4	G I H G A G E V K K S T D V A E A E K L L A T I D K I S E I F W K T E K A		
UniRef90_UPI0002DB9FD4	I M M L A S K A K Q N I D R D A A L A L A D K V N R F A D L F W Q S K		
UniRef90_A2C460	A A K L C S A C K V N I D Q T A A E L L A A A V N R F A E I F W T T K		
UniRef90_A6FAJ9	I M L A A S K A K Q N I D Q T A A E L L A A A V N R F A E I F W T T K		
UniRef90_B1KGN3	I M L N A S Q A K Q H V I S A R E A C L T L L E K V N R F A D I F W Q T K		
UniRef90_A6G8H5	A A K L C S A C K V E I S A Q H A D E L L M D A I K E I H D V F W A T T K		
UniRef90_A4T6H7	G V K G A G D V K K S L D P A V A E N V L K I I D E I I A D I F W Q T D K G		
UniRef90_A4C131	I M L L G S K A R Q E V T Q T D A A L E L L E K V N R F A E I F W E T K		
UniRef90_T0ZDL1	I F K Q A S K A R Q E G T Q T A D A Q E L L L K L V N R F A E I F W K T K N V		
UniRef90_S5DQ68	A T K K A G E A K K T E D P K V G E E L I A L I D E I I D S V F K A S K		
UniRef90_E3BAX5	A T K L A G A T K G E W D V I A K A D E L L L G K I D E I I A R L F A E T K Q A		
UniRef90_UPI00036736AE	A A K L C S A T K V E V S V I Q H A T E L L M E A V H K I H D F W A T T K N		
UniRef90_UPI00036B2468	A A K L C S A V K V E V S L E K A E A L M K A V H K I H D F W A T T K		
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UniRef90_M5A2F7	A T H Q A G E A K K S M D P A V G E Q L L L A Y I D E I I A E I F W K T E K A		
UniRef90_W71YT1	A T K A A G A T K G S M D P A T G Q A L L D L I G E I I D K V F W E T T K A		
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UniRef90_K7AD50	I M L T A S A C K Q H I L V R D K A E Q L L S L V N E F A A D S F W R S K N		
UniRef90_E8MZU8	I M Q A G S K A R Q S A S R E A G L E L L A L V N R F A E I F W E T K		
UniRef90_UPI00046AFC0C	I M L A G S A C K V E R D K G E K L L T L I N E F A A A F W D T T K		
UniRef90_A3Y5W3	I M L Q A S K A K Q G V S R D D A L G L L T L V N E F A E A F W L T K G V		
UniRef90_T2JAX0	A A K L C S S C K V E V N L A H A N Q L L M E V E K I H N T F W E S K		
UniRef90_R1GN55	I M M L A S V V K Q E S D K D A A L K L L D K V N R F A E I F W A T K G V		
UniRef90_UPI0004688237	I M V L G A G A K Q H V I S R E K A M A F L A E V N K F A E I F W A L K G V		
UniRef90_K2CCS7	T M K L A S K T K Q E I N L D A A N E L L E N T Q K I A E I F F Q T K N		
UniRef90_K9PU55	A A K N L A S A C K V E C S L E H E Q L M A D V Q K I H E I F W A S K		
UniRef90_T1CSF6	I L K Q A S K A R Q Q T N I L A D A Q E L L K Q V Q Q E F A E I F W K T K G A		
UniRef90_I1YL15	I M L A G S A C K Q G I E R D K G L D L L S L I N E F A A A F W A T K S V		
UniRef90_B8CQN1	I M L A A S K S K Q H I S R A A T M E L L T L V N R F A E I F W L S K G V		
UniRef90_K2B0J3	T T K L C S S N K H E V S L E H A E E L M T H L E K I H T I F W E T K		
UniRef90_D4ZLZ1	I M L A S K A K Q H I S R D A T L L L D K V N R F A E I F W E T K		
UniRef90_Q489R2	I M L A S S Q A K Q H I S K E A A Q I L L Q Q V N R F A E I F W A T K K V		
UniRef90_K9YYP6	A A K L C S A C K V N Q Q H A Q E L L M D T V Q K I H N M F W E S K E		
UniRef90_R4Z5N3	A I H Q G G E A K K S M D P A V S Q T L V D L I N E I I A E I F W K T E K S		
UniRef90_F2K2Y4	I M M Q A S K T K Q S I S K S E A A E L V E K V N Q F A D M F W T T K		
UniRef90_UPI00037B7752	A A K L C S T C K V E I S L E H A E E L L E A I H K I H D I F W T T K K		
UniRef90_W1IBT4	I M M L A G A S K Q H V S R E K A M E L L A E V N K F A E I F W A I K G V		
UniRef90_X7E5M2	I M L Q A S M C K Q S I D H V E G E K L V E L V N Q F A D A F W L T K G V		
UniRef90_B3T815	A L K L A G M C K Q N S I D M A K C E E L V A T C D R I A T V F W G T K		
UniRef90_UPI00037ECDE6	A T K Q C S T V K R G I D V A A E S L K A M V T D I A N I F R A T K A A		
UniRef90_K2CKD6	G T K L S V K T R Q E I D M E S A K E L L E T V M Q I A E I F Y K S K		
UniRef90_UPI000474205C	A A K L C S A C K V N I D L A Q A D E L L M S Y V E M Q I A E I F Y K S K		
UniRef90_K2C2Z1	A S R L G A K A R Q G I D T D S A Q K L L L V V Q D I A E I F F K T K G V		
UniRef90_UPI000405A188	I M V A G S A C K Q D L H R E Y G E K L V A L C N E F S E M F W D M K		
UniRef90_UPI00037B3D04	A N K L G A K V R Q D I D I N A A E E L L E E V M Q I A E I F Y K T K G V		
UniRef90_F0Y887	L L Q A A M K A K Q T V D V A H C D A L D H A I D D V G A M		
UniRef90_D8F6L1	M L V Y A M K C K Q T D L T N T E K L R S L V K Q F E D L Y F G		
UniRef90_C1E138	V M Q S A M K A K Q N V D L A V A D A L E H A V G D M S K M Y		
UniRef90_L1INU9	V M V C A M K C K Q T I D V A E C D K L D H A V G D M S K M Y		
UniRef90_X1TC46	M L V Y A M K C K Q T D L S H I S T L R S L L K E F H D L Y F G		
UniRef90_UPI00036247F7	L I T G A M K C K Q N V D L K Y V Q Q M R R K T L K E F E T L Y F A		
UniRef90_B7G9A2	V M Q C A M K A K Q G M D V A A C D A L D S A I D T F A K M Y		
UniRef90_B8FHU5	M L V Y A M K C K Q T D L Q N V V I L R S L V K E F E T L Y F A		
UniRef90_K8EP62	A M Q A M K C K Q T C D L Q A Q A D D L D H C L K V Y		
UniRef90_C6XRQ9	I I V A A M K T K Q S S D M E K A D I L G T K I E A Y K T L Y F K		
UniRef90_K0T5Y8	V M Q A A M K C K Q S V D P A A V D A L D S A I E I F A K M Y		
UniRef90_R1C8U1	A L L Q A A M K T K Q V V D V A A C D A L D D T A I E K V A P M Y		
UniRef90_UPI000363D389	I L V A A M K A K Q S A D M E K A E E L Q K A I N A Y R D H Y F E		
UniRef90_S7T9J9	I L V Y A M K C K Q T M D L E N V A K L R G A K T F S D L Y		
UniRef90_UPI0003B52C3D	I L L D A M K C K Q T L D T N T S L S L E N L N K F N L Y F		
UniRef90_T1D0P1	I L K Q A S K A R Q E V N L L G A Q E L L A S V Q E F A E I F W K T K N V		
UniRef90_UPI000369640A	V M V S A M K C K Q S T D S T S E N L K N S I L S F Q K I Y		
UniRef90_UPI000367A269	V I V Y A M K C K Q S L D V E N A D K L L A S I E A F E K L Y K A		
UniRef90_D6PCI2	V L V A M K A K Q T V D A D T A K S L K D A L L K L H K E Y		
UniRef90_UPI0003698185	I I V T A M K C K Q S T D A A N V A K L H D L M H D F E K H F G T K K		
UniRef90_C1N647	I M Q A A M K A K Q T V D A A G A D A L E H A L S H V A A Q Y		
UniRef90_Q0I7E2	V T I A S M K A K Q N S D L Q H V D D L K A T I V E L E E Y Y		
UniRef90_UPI0003B4A419	V I V A A M K A K Q A D V V R T A K D L S K R I		
UniRef90_Q6AK93	V I V A A M Q A K Q H A D V V R T A K D L S A S I		
UniRef90_E3HD64	I S V Y S M K T K Q S T D L K N I E L L K D S I H D F Q H H Y L K E D K		



				50		60		70		80																																														
UniRef90_A4RRW7	V	M	T	K	E	E	H	C	G	K	I	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	D	A	L	K	L	H	H	L																				
UniRef90_D5EIK0	V	S	N	K	E	L	H	A	Q	K	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	E	R	L	K	S	H	H	A																	
UniRef90_W7Y017	V	V	N	K	E	E	H	A	T	K	L	Q	D	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	I	K	Q	L	T	L	M	H	K																	
UniRef90_X5CVB3	V	A	V	K	E	A	S	A	G	N	I	I	S	T	I	M	S	I	V	A	D	Y	M	L	A	Q	R	V	K	K	Y	L	A	A	L	E	V	H	H	T																
UniRef90_S0G6F2	V	M	N	K	E	N	H	A	Q	K	I	I	T	T	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	D	A	L	K	L	H	H	A													
UniRef90_A6DKX9	V	T	N	K	E	T	H	A	Q	N	V	I	E	T	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	D	R	L	A	K	H	H	A												
UniRef90_M5TZI6	V	T	T	K	E	D	H	A	S	R	I	Q	E	T	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	K	L	A	A	H	A														
UniRef90_X5DXM0	V	M	N	K	E	E	H	A	K	E	M	Q	E	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	Q	L	E	L	L	H	H														
UniRef90_F0Y3Y1	I	N	T	K	E	E	H	C	A	K	I	I	D	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	E	D	A	L	L	A	H	H	A													
UniRef90_M2AGN9	V	T	T	K	E	D	H	A	T	R	I	Q	N	T	I	A	A	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	A	Y	G	K	K	L	M	A	A	H	K						
UniRef90_M1WUS6	V	D	N	K	E	T	H	A	Q	K	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	D	Y	V	E	R	L	K	K	H	H	A													
UniRef90_UPI0004705BEA	V	T	N	K	D	V	H	A	T	K	I	Q	D	V	A	T	Q	Y	F	M	P	E	Q	Q	K	K	N	A	K	M	L	G	L	L	H	E																				
UniRef90_K0SVA0	V	M	T	K	E	E	H	A	K	I	I	T	Q	I	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	K	Y	V	E	A	L	K	A	H	H	A									
UniRef90_E1YGA9	I	M	N	K	D	K	H	A	D	M	L	Q	E	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	N	Y	N	E	K	V	I	L	L	L	H	K									
UniRef90_Q01FQ1	V	M	T	K	E	E	H	C	A	K	I	I	T	M	I	D	V	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	Q	L	E	L	L	H	H										
UniRef90_X1DA73	V	V	T	K	E	T	H	A	G	A	L	Q	S	T	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	A	D	Y	F	L	A	Q	R	I	K	S	Y	A	D	Q	L	K	A	A	H	A
UniRef90_A8I1N4	V	N	T	K	E	E	H	A	G	K	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	K	Q	L	E	L	L	H	H																	
UniRef90_X1U8K3	V	Q	N	K	E	K	H	A			D	E	L	S	H	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	F	M	A	Q	R	I	K													
UniRef90_F8KY36	L	M	T	K	E	T	E	S	N	K	V	S	E	L	I	S	H	I	I	S	T	I	A	L	I	G	E	Y	V	K	A	A	E	P	E	D	Y	V	L	Q	Q	K	L	E	D	S	T	K	K	V	V	M	A	H	R	



