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UniRef90_D5BML6	A L L D A L G G
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UniRef90_H6L033	E L V E L M G G
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UniRef90_F9UJR5	E L V D L L G
UniRef90_Q98QL9	E L T T L L G G
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UniRef90_S3DHE7	E L E M M M G
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UniRef90_E4XNZ3	V L A D L L G R K I I T T A L L R S L I G N S P V I N E E D V L K K C L K D I V Q S A L L L E	
UniRef90_W3WQS1	V L Q D L L G R R I I S T A L L H D A T R A P N L D E K A F K A M L N E I S H A L L L E	
UniRef90_D3BBV3	V L A D L L G N Q I I S S A L L A N M S N T I I N E E T I D T L K E E V G N A L L S R D Q	
UniRef90_B9KJ05	M F D S L L A K G I L A S A V Q K L L G G R R E I S D K D F D L V L E D V T Q A L L L E	
UniRef90_I3XPS3	V F D N I I R N A L L T R F L K L G G D Y E K S V I E E F I R E L Q K E L V T Q A L L L E	
UniRef90_I0YZ72	V L N E L L G Q K I I S Q A L L S M I I Q N A E S I I D E K V L D A C L K E I I V T A L L L Q	
UniRef90_B7FXT4	V L A D L L G R K I I T S A L L R G L N N A S V I N E E E V L N S M L K D I Q K A L L L Q	
UniRef90_J9JKB6	V L A D L L G R K I I T S A L L R G L N N A S V I N E E E V L N S M L K D I Q K A L L L Q	
UniRef90_A4YHL0	V L A D L L G D I I R D A V V R K F L L G G N T S Y E V V A V E E F I K D I Q K A L L L Q	
UniRef90_Q5CYN6	V L A D L L G G Q I I A S A I I R K F Q S S T I I A D E A A I D C L K E I I A T A L L L Q	
UniRef90_Q99150	V L A D L L G G Q I I A S A I I R K F Q S S T I I A D E A A I D C L K E I I C S A L L L E	
UniRef90_C3N5B0	M L E N L L R D A V V R K F L L T G S T P Y E K A V D E F V K E L Q K S L L I S	
UniRef90_B3T6E8	M D G L K H R I I M G S V G A L L R G K R K I I D E E S V K E L G R S L R K A L L L Q	

		50	60	70	80
UniRef90_A6BZ37	A D V N Y E I A T S F I I E R V T E Q S V G E K V L K S V R P D E Q I V G I V H Q				
UniRef90_G8QWR1	A D V N L R V V R R F I V N G T M E E A M G E K V L K A V D P G Q Q F V K I V Y D D				
UniRef90_I7JAH8	A D V S L E V I K R F I S S D I K D K V V G E Q V I K S S P V Q M I I K I V K D				
UniRef90_Q53LU9	A D V S L P V I K R F I S S D I K D K V V G E Q V I K S S P V Q M I I K I V H D				
UniRef90_C5A233	S D V N V R L V L Q L T K R I Q E R A L N E E K P P A G V S P R E H V I K I V Y E D				
UniRef90_J9ZA14	A D V N L D V V K S F T E Q L R T R L K G A E V K E G G L T P P Q T V L K E V F D D				
UniRef90_C1FE02	A D V S L P V V R R F I K N I E Q K A I G T R V T K G V N A G Q Q L T K V V A D				
UniRef90_Q2FS94	A D V N V K Q V M Q L S Q T I K K R A L D E Q P P K G V T A R E H V L R I V Y E D				
UniRef90_D3DFT6	A D V D Y D V V K S F L K K V R D R A I N E D I K N K N L S P A D S V V L T V Y E D				
UniRef90_C8PQV1	A D V N L R V V R R F I N A T I I E E A K G E E A V L K S V N P G Q Q F V K I V H D				
UniRef90_A5UMY7	S D V N I A L V L D L S K K I K K R A L E E E P P K G I T P P R E H V I T I I Y E D				
UniRef90_D4XWM4	A D V N L K V K D F I S K N I V E Q K A K G E Y I I S E G L N A S Q M M I K I V H E				
UniRef90_W0GRG9	A D V N N E V V K D F I K N V E Q K A K G E Y I I S E G L N A S Q M M I K I V H E				
UniRef90_D2R2U0	A D V G L D V V R D F M G R V T E K A V G E E K V L L A L D P T Q Q V V G I V R D E				
UniRef90_Q6KHB7	A D V N L T V V K E F I Q N I K D Q T I I G T E L I G K L N P G Q Q V I K I V K E				
UniRef90_F4BUU3	A D V N V K L V M Q L S N T I K S R A L D E K P A P G M N P G Q Q V I K I V Y Q				
UniRef90_C5WDI7	A D V A L P V V R E F I N K V K I V A L G Q D I I N K N L T P G Q T F I K I I Q R				
UniRef90_S6G3U6	A D V N V E A V K E I I I S K V K E K A L G D Y I I Q D G A N A H Q Q M V K I V H S				
UniRef90_I0JYK2	A D V H Y Q V V R D I C E E V K Q K A L G T K V L E S I R P G D Q F I K I F H D				
UniRef90_Q6F0Y6	A D V N V E V K E L I S K V I K E K T V G E Y I I Q E G V T S H Q Q M L I G I V H E				
UniRef90_D5SNA6	A D V E Y V N V A T Q F I V E C V T A E A V G E E P P G G T T A R D H V L S I V Y E				
UniRef90_E7QN16	A D V D V S L V M D L S S S I K E R A L E E E P P G G T T A R D H V L S I V Y E				
UniRef90_S5LWG1	A D V N L E V V K K F I K N I I E T K A L G K F I I E Q G G V R A D D Q Q M V K I V H E				
UniRef90_K1X065	A D V P Y K L V E E F V E S I I T D L I G K K V I K S I K P S E Q F V K I V H E				
UniRef90_F9QCH7	A D V N L K I V K E F I N V K Q K T I I E S N I L G K L N P S Q Q M I K I V H E				
UniRef90_D1Z205	A D V N V K L V M K L S N R I K E R A L T E A P P A G M D S R E H V L R I V Y T				
UniRef90_U2KK42	A D V N L R V V R R F V N S T I I E E A K G E E K V L R S V D P G Q Q F I K I V H D				
UniRef90_L7W1R9	A D V N Y K I A K E F T S R A K E K A L G Q G V L T T L K P G Q L L T K I V K D E				
UniRef90_B1L7A6	A D V D V K L V L E I S S R I K E R A L K E S P P P G F S R R D L A V K I L Y E E				
UniRef90_Q57565	A D V N V K L V L K M S K E I E R R A L E E K T P K G L S K K E H I I K I V Y E				
UniRef90_D5Y705	A D V S L P V V R A F I H R I K E R A R G A E V S S A L N P A H I I K I V Y E				
UniRef90_F8AG85	A D V N V R L V K L T K E I Q R R A L E E K P P A G I S R K E H I I K I V Y E				
UniRef90_R6I3J5	A D V S L P V V K S F I I A Q V K E Q A L G E E K V V K S V Q P G Q M V V K I V H D				
UniRef90_K0R3Q4	A D V N L E V A T A L L D G V K K R R S I L G M E V T K G V T A E Q Q F V K A M Y D				
UniRef90_S5R0N1	A D V S L P V I K E F I S S N I V R K K S I I G K E I I L Y S L T P P G Q S L V N L V Q Y				
UniRef90_B5IH36	A D V E V H A L K L S K N V E R R A L E E K P P S G M S H R R D F L I K I I Y E E				
UniRef90_V4Y1P6	A D V A V D L V T D L S D A I E E R R A L E E E A P S G T S A R D H V L R I V Y E E				
UniRef90UPI0003799DAC	A D V N V Q L V F N L T K K I K E R A L N E E K P L K S I T T Q R E F I I N I V Y E E				
UniRef90_K0II56	S D V N V R L V L S I T Q N L K K E R A L K E E Q P P K G L S S R K D H I V T I I L Y G				
UniRef90_V9TUU5	A D V S L P V V N L L E R V R K R A I G R E V I S A V S S Q G Q M M I K I I Y D E				
UniRef90_TOLNA6	A D V N V K L T L D L S R K I K E R S E N E K P P A G M T P Q D Y I I L K I V Y E E				
UniRef90_W8JFH1	A D V N Y H V V K D F I I A K V K I V K R I L G E E E V W K H V S P G Q Q F I Q C L H E				
UniRef90_D1J805	A D V N L E V V K K N F T K E V K A K A L S S Q I I I G K L N Q Q Q T V L K I F K D Q				
UniRef90_W5V113	A D V N L S V V K E F V S E V K Q V L A E G L T S K S L N P K Q H F L K I L H Q				
UniRef90_X1LQI0	A D V N Y R L V Q D F L L G S V K E K A T G K V I K S V S P G Q Q M M V K I V Y D D				
UniRef90_V9R695	A D V S L V V V K D F I S S N V K E K I V G E T T V K G V L P T Q M I I K K I Q D				
UniRef90_M0CY84	A D V D V D L V M E L S N A I K T R A L E E E P P A G T S A H D W V L R V V Y D				
UniRef90_B4UAT1	A D V S F D V V K R F V A R V R E K A I G E V V E T K V T P Q D H F V K I C H D				
UniRef90_X0WI02	A D V N Y N V V K K F C K D V T E E A A L G A E V I K S L H P S				
UniRef90UPI00046F9A6D	A D V S V D V V K E L I S S R I K T K A E G G Y I I Q E G V K A H Q Q M V K I L V H D				
UniRef90_D2RDA1	A D V N V R H V K E I I S D A I K K R A L S S E E V L E G G L N P R E H I I K I V Y E D				
UniRef90_V4JTK3	A D V N V A L V K I L L T D R V R E R A L K Q Q E P P P G V S R R D W F L K A V Y D				
UniRef90_W0JG06	A D V N Y K V K D I I E Q E L K D K I L G K Q I E K N L T P F Q T I V D I I H K				
UniRef90_A71911	A D V N V K L V M D L S S K A I R T R S L D E E L P K N T N V R E H V L R I V Y Q				
UniRef90_D3SDX1	A D V A L P V V R E F V K D V K E E K A L G Q E V V G S L T P G Q A L I K V V H D				
UniRef90_A3W763	A D V S L P V A R D F I K T V E S R A T G Q A V T K S V T P A				
UniRef90UPI0002659491	S D I N V R L V K Q L R D N V R A A I D I E E M A V G L N R R K V V V Q S A V F K				
UniRef90_S9NWU0	A D V A F D V V K K F V A I R V R E A K A V G E V V V K R R V S A G D H F V K I C H D				
UniRef90_C6V531	A D V S L P V T K Q F I I A N V K E S V I G K S R V K G I S T P A V I G S V V K				
UniRef90_R7QHF1	A D V N L R V V N A L L K Q I K A R A V G A D V T P G V E P P G Q M L V K I M H E				
UniRef90_A0A023DYL3	A D V A L P V I K T F L Q K V Q D Q A L G R N L V K S L Y P D Q L I S K I V Y D				
UniRef90_R5L5Y9	A D V S L E A A N K F L E E A S R A L G K N K L E G V D P S N Q F I A D V N D E				
UniRef90_M4YQ17	A D V N V Q L V L K L T T N N V R E R S L N E E K P P A G R S A K D H V R K V I Y E E				
UniRef90_B3V630	S D V N V V R L A L E L S K T I I E N R A L E E E K A P A G M T G R E H V V R I V H Q				
UniRef90_U2SWQ6	A D V N F K V V K K F I K A V R D R A I G Q E V L E T L T P A Q V V V K I V D E Q				
UniRef90_Q9YB62	A D V N V K L V L V N T V R I K K E R A L K E E E P P P G V T R R D W M I K I V Y D E				
UniRef90_A1RS43	A D V P L D M V K T F T E N A V K R M R E E K P P A G I P P R E Y V L Y I L Y D				
UniRef90_E12JC4	A D V N V R L V A N L R N N V K K R V N M E Q L A S G G L N K Q K V I E K K A V F D D				
UniRef90_W6UF17	S D V N I R V K Q L R E N V K S M I N F D E L A A G G V N K R K L I E S A V F N Q				
UniRef90_T1CFT4	A D V A L P V V K E F D T V R R E A L L G Q A V L V S L T P G Q A F I G V V H Q				
UniRef90_L0AA36	S D V N I K L V K E L L S E N I K K K A L E E E P P S G I S R K E W F I K I V Y D D				
UniRef90_M7P115	A D V D Y E V V I K F N E L I K Q Q T L N M E I I L K G G L T P Q Q Q V I K I I I Q N D				
UniRef90_C6WYB1	A D V A L P V V K D F I A A V K A R A Q G K D V V Q S L T P G Q A V I E V V N D				
UniRef90_D9PEV7	A D V N V V L V K Q L S D K I K K G A L D E R I I K G I I E K K E H M I K I L H				
UniRef90_R7YM66	A D V N I K L V A T L L R T S I K R T V N F K D L P P S T I N K K R L I Q K A V Y D D				
UniRef90_N1JD8N	A D V N V K L V G N L R K S I K S L V N F K E L A P P G V V N K K R L I Q K T V F D D				
UniRef90_D5GGZ9	A D V N V K L V S N L R K S I K H T V N F K E L I N P N V N K K R L I Q K A V F D D				
UniRef90_W7TM57	S D V N I K V V A T L L R K G I I E K V K N L A D A P A G I L N R R K M V Q R A V M E				
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UniRef90_E4XNZ3	A D V N I K L V K Q L L T D G V K K Q I D L D N I I G T G G L V N K R R V I Q T A V V Y K				
UniRef90_W3WQS1	A D V N V K L V S K L S N S I K S Q V I N F K D L P P A V V N K K R L I Q K A V F D D				
UniRef90_D3BBV3	A D V N S L K L I I Q M R K N I K S Q V I N F K D L P P S V L E R K E W F I L I V Y D				
UniRef90_B9KJ05	A D V N L M V V E Q F I G D V K S K L V G G E V V K G G V L P E Q M I I K L M E E				
UniRef90_I3XPS3	A D V N L K L A V E I I T N R I K E R A L K S E P P P G I S R P R E W F I T I V Y E E				
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UniRef90_B7FTX4	A D V N V D V A D T L L E G V R A R S L G Q E V L E G G V T A E Q Q F V K A M Y D				
UniRef90_J9JKB6	A D V N V V M L V K K L L R E N V R N V I D F D E M A G G G V N K R R M I Q S A V F K D				
UniRef90_A4YHL0	S D V Q V K L V F S S L T N K I K E R L K K E T P P S S N L E R R E W F I K I V Y D				
UniRef90_Q5CYN6	A D V N V K L V A Q L R R N N I K K A V E Q E D S V V G G S N R R R Q I Q S A V V E				
UniRef90_Q99150	S D V N I K L V S Q S L R Q K V V K N S V K A T P P N G A S K K V I Q K A L F D D				
UniRef90_C3N5B0	S D V N V K L V F S S L T N K I K E R L K K E T P P S V L E R K E W F I L I V Y D				
UniRef90_B3T6E8	A D F N V R H S K E L T E R I E R R M L E E E P R P G I K L D T H A M N L I Y A				

UniRef90_A6BZ37	E L I N L M G
UniRef90_G8QWR1	R M V A L L G
UniRef90_I7JAH8	N L V A I L G
UniRef90_Q53LU9	E L V K L M G G
UniRef90_C5A233	E L T K L L G
UniRef90_J9ZA14	E V V H L L G
UniRef90_C1FE02	E L C E L M G G
UniRef90_Q2FS94	E L V A L V G G
UniRef90_D3DFT6	E L T S I L G G
UniRef90_C8PQV1	K I L S F L G G
UniRef90_A5UMY7	E M V N L L G G
UniRef90_D4XWM4	E L I R V L G
UniRef90_W0GRG9	E L I N I F G G
UniRef90_D2R2U0	E L I T L L G G
UniRef90_Q6KHB7	E L V K I F G
UniRef90_F4BUU3	E L I N L V G
UniRef90_C5WDI7	E L I K
UniRef90_S6G3U6	E L V E I L G
UniRef90_I0JYK2	A L I E Y L
UniRef90_Q6F0Y6	E L I D I L G
UniRef90_D5SNA6	Q L I A L M G G
UniRef90_E7QN16	E L V G L V G
UniRef90_S5LWG1	E L V E I L G
UniRef90_K1X065	R L L H F L G
UniRef90_F9QCH7	E L V K I L G G
UniRef90_D1Z205	E L V N I I G
UniRef90_U2KK42	K I A S L L G
UniRef90_L7W1R9	E L T E L M G G
UniRef90_B1L7A6	E L T N L L G
UniRef90_Q57565	E L V K L L G
UniRef90_D5Y705	
UniRef90_F8AG85	E L S K L L G
UniRef90_R6I3J5	E L V K L L G
UniRef90_K0R3Q4	E L L D M M G G
UniRef90_S5R0N1	E L S H I M G
UniRef90_B5IH36	E L V A I I L G
UniRef90_V4Y1P6	E M V D L I G
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UniRef90_K0II56	E L A K M L G
UniRef90_V9TUU5	E L V A V L G
UniRef90_TOLNA6	E L L A I I L G
UniRef90_W8JFH1	E I V K L L D G
UniRef90_D1J805	E L T R I L G
UniRef90_W5V113	N L V T V L G G
UniRef90_X1LQI0	E L V E M L G G
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UniRef90_M0CY84	E L V G L V G
UniRef90_B4UAT1	E L E A L M G
UniRef90_X0WI02	
UniRef90_UP100046F9A6D	E L I E I L G
UniRef90_D2RDA1	E L L K G I G
UniRef90_V4JTK3	E L V S L F G G
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UniRef90_A71911	E L V R L
UniRef90_D3SDX1	E L V A T M G G
UniRef90_A3W763	
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UniRef90_S9NWU0	E L E A L M G
UniRef90_C6V531	E L V K I L G G
UniRef90_R7QHF1	E L T K I M G
UniRef90_A0A023DYL3	E M L A L
UniRef90_R5L5Y9	T L I S M I G
UniRef90_M4YQ17	E L V A L L
UniRef90_B3V630	E L V N A L G
UniRef90_U2SWQ6	E L T A L M G G G
UniRef90_Q9YB62	E L V K L F G G G
UniRef90_A1RS43	E L V K L L G G G
UniRef90_E12JC4	E L C S M L D G
UniRef90_W6UF17	E L V R I I
UniRef90_T1CFT4	V L T R L M G
UniRef90_L0AA36	E L S N L F G G G
UniRef90_M7P115	T L T N I L G
UniRef90_C6WYB1	E L I A L M G
UniRef90_D9PEV7	E L I S I L G G
UniRef90_R7YM66	E L V K L
UniRef90_N1JDN8	Q L V K L
UniRef90_D5GGZ9	E L V K L
UniRef90_W7TM57	E L V R L
UniRef90_H3F583	E L L K L L
UniRef90_E4XNZ3	E L C R I
UniRef90_W3WQS1	E L V K L
UniRef90_D3BBV3	E L I K L L
UniRef90_B9KJ05	C L I E V L G
UniRef90_I3XPS3	E L T R L L G G
UniRef90_I0YZ72	E L S S M L
UniRef90_B7FXT4	E L L D M M G G
UniRef90_J9JKB6	E L V K L
UniRef90_A4YHL0	E L S A L F G G
UniRef90_Q5CYN6	E L V N I L
UniRef90_Q99150	E L V N L V G
UniRef90_C3N5B0	E L S K L F G G G
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 UniRef90_M5G902
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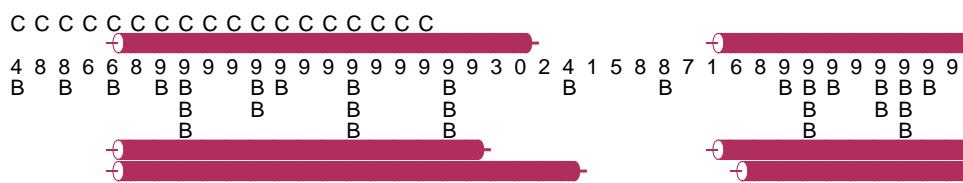
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