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UniRef90_R7HGQ2	F	R	N	N	L	R	G	T	L	D	S	I
UniRef90_R5ELH4	I	K	N	N	I	R	S	Q	L	D	N	T
UniRef90_R5C6W6	I	R	R	S	L	R	G	Q	L	D	N	I
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UniRef90_N2BDA3	M P D L N I	N R I	N E L L Y R K K S K A	E G L L	T T E A E E K K E Q Q Q L L R R Q Q Q Y V A A N A
UniRef90_W8YKH6	M I D A L I	A R I	N E L L S R K K H K A S	V G L	L L T T P A E E V T E R T Q L R R Q Q Q Y V A A N A
UniRef90_R2SJ78	M L S K E K I	A R I	N E L L S K K K K A G T	V S G L	L L T T A E E E A K E Q S K L R R R Q Q Y L I A E S
UniRef90_I3DZN4	M L S K E K I	A R I	N E L L A K K A K S	V S G L	L L T T A E E E A K E Q S K L R R R Q Q Y L I A E S
UniRef90_U2NLX2	M D I D A L I	A R I	N E L L Y K K K A S	V G L	L L T T T E E E K K E Q Q A K L R R R Q Q Y L I A E S
UniRef90_R5Y4R9	M V D Q K K I	D R I	N E L L A R K K N K A S	E G L L	T T P E E E E K K E Q Q A D L R R R Q E E Y I I L N A
UniRef90_F5L8M1	M L P K S K I	Q R I	N Q L A K K A K R E	E G L L	T T K K E E K E E Q A Q L R R Q E E Y I I L N A
UniRef90_W2BYF6	M I T S E K I	D R I	N E L L A R K K A S	E S G L	L L T T E E E K K E Q Q S L L R R Q E E Y I I L N A
UniRef90_UPI00036FB012	M L S S E K I	A R I	N E L L A R K K A K E T S	G L L	T T D A E E L K E Q Q S A L R R K E Y I I T T A G S
UniRef90_C9KMB0	M I T K E I	A R I	N E L L S R K K R S S G	L L	T T S E D E R T E Q Q N L R R E Q Y I L A G S
UniRef90_Q8Y7H5	M L E K A K I	D R I	N E L L S K K K A G T	S G L	L L T T S D A E E K V E R D K L R R K E Y I L A G S
UniRef90_W4DPPD4	M N I D E L V	A R I	N E L L A R K K A N G G	G L L	L L N D S A E E L A E R A K L R R K E Y I V I A G S
UniRef90_A6NR03	M E Q E K I	D R I	N E L L A K K A K T E	E G L L	T T P E E E T A E R D A L R R K E Y I V I A G S
UniRef90_R8VVC5	M T N E Q I	E R I	N E L L A R K K S K A E	E G L L	T T P E E E Q Q K E Q K E L R R R D A Y I A E G A
UniRef90_F4BQF6	M L P K D Q I	E R I	N E L L A N K S K A N K	G L L	L L T T Q E E E Q Q E Q K K L R R D D D Y I T A E G T
UniRef90_V2Y7F9	M I T E A D I	K R I	N E L L Y H K S K A	E G L L	T T V E E E K A E Q K K L R R D D D Y I V I A E G T
UniRef90_UPI000378634F	M E Q K K I	D R I	N E L L A K K K K T	S G L	L L T T S E S E E K V E Q S A Q L R R S E Y I L K T E D S
UniRef90_UPI00046E7A03	M L E Q K K I	K R I	N E L L A K K A K T	V G L	L L T T S E S E E K V E Q S A Q L R R S E Y I L K T E D S
UniRef90_D4K041	M T K E K I	A R I	N E L L A H K S K T	T G L	L L T T E A E E K A E Q Q A L R R K E Y I I T E D S
UniRef90_R6MR48	M K Q E R I	D R I	N E L L A R K K A K A E	G L L	L L T T E A E E L A E R D V L R R R E Y I L D T S
UniRef90_UPI00046FD4BC	M L S Q D K K M	D R I	N A L A K K K A E	E G L L	T T E A E E Q V E Q Q Q L R R Q E Y I L D T S
UniRef90_W6N3U0	M I E D K L I	D R I	N T L Y A K S K S	V G L	L L T T G Q E E K M E Q E K L R R K E Y I L N N A
UniRef90_U1WG43	M V T E E K I	R R I	N E L L A A K K S T	A G L	L L T T K E E E A E Q A A L R R N E Y I I Q Q A Q V
UniRef90_A0A023DHSV9	M L S K Q K I	A R I	N E L L A K K A K T	A G L	L L T T Q V E E Q Q D E Q L L L R R Q E Y I E A
UniRef90_D0BKV1	M L D P K K I	E R I	N E L L A R K K K T	V G L	L L T T Q V E E Q Q D E Q L L L R R Q E Y I E A
UniRef90_D6GRU1	M K P E L I	N R I	N V L A H K S K T	E G L L	T T E D E E K E E Q Q Q L R R K E Y I L D D A S
UniRef90_R5IN11	M K K E D I	D R I	N E L L A R K A K T	V G L	L L T T P E E E N E E R A V L R R R A Y I L K N
UniRef90_N4W9K4	M L S K E K I	A R I	N E L L A N K S K T	E G L L	L L T T S D A E E K K E Q Q A E L R R D A Y I L K N
UniRef90_Q5WG05	M S K E K I	D R I	N E L L S K L A K S	V G L	L L T T K K E Q A M E Q K A L R R D A Y I L K N
UniRef90_R5IAM1	M D S K M I	D R I	N T L H H K A Q S	V G L	L L T T E E E K K E Q Q A K L R R K E Y I L A T
UniRef90_I0R9V9	M D N I K I	D R I	N T L A H K K Q K S	V G L	L L T T S E E E K K E Q Q A A L R R K E Y I L E A
UniRef90_R6H3J3	M M E D V I	A R I	N E L L A K K A K A E	E G L L	T T P E E E R S E R D Q R L R R R Y I L D A N E
UniRef90_G8LXS6	M D Q N R I	N R I	N E L L A R K S K T	V G L	L L T T P A E E K Q E R D Q R L R R N E Y I L N E
UniRef90_Q88VI7	M I S K E L L	A R I	N E L L A H K A K A	E G L L	L L T T E L E E A E R Q T E L R R Q K Y I L K N
UniRef90_R9BX01	M F P K N K L	N R I	N E L L A K K K E T	I G L L	T T P E E E A K E R D T K L R R R E Y I L K N
UniRef90_L0ECA3	M D E L T A R I	N E L L A R K H K T	I G L L	T T P E E E T A E R Q T K L R R R Q Y I L R A	
UniRef90_W4BGZ2	L S Q E K L	T R I	N Q L A H K K A K R G A	N E G L L	T T P A E E Q D E Q Q Q L R R Q E Y I L Q A
UniRef90_T0CSG3	M E R E K I	Q R I	N E L L A H H K A K R G A	N E G L L	T T D D E E R S A E R D Q L R R R E Y I L D N Y
UniRef90_U2EPC3	M Q Q E K I	D R I	N T L Y H K A Q A	V G L	L L T T E E E E K A E Q A A L R R K E Y I E A
UniRef90_R5TVC2	M K K T K V	D R I	N A L A R K S R A E	E G L L	T T E A E A A E Q A D L R R A E Y I A E
UniRef90_R7ENI2	M T K E K I	D R I	N E L L Y R K S K Q D	E G L L	T T P E E E K K E Q Q L L R R K E Y I A D
UniRef90_UPI0003B65EAC	M T S Q D K L	N R I	N E L L A R K S K Q E	E G L L	L L S L K E Q K E Q K E L R R Q E Y I L D N
UniRef90_UPI0003FC926	M L S S E K I	E R I	N A L A K K A K E S A	G L L	L L S E S E K E E Q K V L R R Q E Y I L A E
UniRef90_UPI0004727FE5	M L S K D K M	A R I	N T L A K K A K A K G	L L	L L T T P D E E A K E Q S K L R R K E Y I L A E T
UniRef90_UPI0001850DCC	M L N P D K L	A R L	N E L L S K K S K T K G	L L	L L S S S E S A E Q A A L R R Q Q Y I L S N
UniRef90_R5L2B2	M I S K E Q I	N R I	N E L L A R K S K Q S G	L L	L L T T S A E E K E E Q A A K L R R Q E Y I L D S
UniRef90_UPI0001E4KM15	M L S Q E K I	D R I	N T L A R K K K A E	E G L L	L L N E A E L A E Q A K L R R Q E Y I A R
UniRef90_R7FCB8	M H P E K L	A R I	N E L L A K K S R T	E G L L	T T E E E K Q E Q E A L R R N E Y I R A
UniRef90_B1SC43	M K K K L	Q R I	N E L L A R K K K T	V G L	L L T T G P E E K V E Q A K L R R K E Y I T E G
UniRef90_M9LEZ9	M N M D K I	A R I	N E L L A R K D K S	V G L	L L N S E E L A E R A T L R R E Q Y I V L
UniRef90_H7F3S4	M L E K E K I	N R I	N E L L S R K K K A E	E G L L	T T A D E E K E Q D L R R K E Y I K S
UniRef90_R6VWHQ0	M D E K G I	Q R I	N E L L A H K A K A E	E G L L	T T A A K A E Q K K L R R M K Y I L A D
UniRef90_W7ZU29	M L P K T K I	N R I	N E L L S Q L A K A T	T G L	L L T T A A Q K E E Q Q A L R R K E Y I L S T
UniRef90_R9KCN4	M D E Q K I	K R I	N E L L Y R K S K S E	E G L L	T T S E E R K E Q K L L R R E E Y I L E N
UniRef90_K0J2X9	M L S K N K I	A R I	N E L L A N K A K Q S	E G L L	T T A E E E K K E Q Q S L R R E E Y I L K T S
UniRef90_K9AK19	M L E K D Q I	N R I	N E L L A K K K N E	S G L	L L T T E E E A K E Q S K L R R S K Y I L K E S
UniRef90_R6SHV2	M D A K K I	Q R I	N E L L A R K S K Q E	E G L L	T T P S E E K E E Q R M L R R V E Y I A S
UniRef90_UPI00040324D9	M L S K D K L	N R I	N V L A K K A K A E	E G L L	T T T N E E K Q Q S L R R E E Y I L K N
UniRef90_R5ELV2	M K M D E V I	A R I	N V L A K K A K A E	E G L L	T T P E E E T E R D K L R R R Y I L D S
UniRef90_U2K8S8	M D D K K I	A R I	N E L L A K K S R T	E G L L	T T P A E E Q E E Q N A L R R L E Y I R R S
UniRef90_UPI0002D26F7E	M L S K E K I	E R I	N E L L A N K K K T	E G L L	L L S E Q E A K E Q T K L R R A E Y I L Q A N
UniRef90_D6XU55	M L D N N K I	T R I	N E L L A R K S K S E	G L L	L L S E Q E K Q E Q K K L R R E E Y I L K N
UniRef90_W9A8R5	M L S Q D K I	E R I	N S L A K K A K D T	G L L	T T E K E K Q E Q K E L R R E E Y I L N N
UniRef90_R5VR83	M T P E K I	A R I	N E L L A K K Q A G T	L L	T T D A E E K E E Q A A L R R L E Y I R T
UniRef90_G9QI99	M L S S D K I	A R I	N E L L A K K S K T	V G L	L L T T Q E E A K E Q S A R L R R A E Y I T A
UniRef90_UPI0003B751F2	M E Q K K I	D R I	N E L L A R K A K T	G A L	L L T T P A E E I A E R D V L R R E Y I T D A
UniRef90_UPI000225B276	M L S K E K I	E R I	N T L A K K A K T	E G L L	L L S D S E K K E Q K S L R R E E Y I L Q N
UniRef90_R5N6V0	M E M D E L I	K E I	N A L A H K K K E	E G L L	T T A E E Q T R Q D H L R R Q Q Y I A T
UniRef90_F2JSW8	M V T E E K I	A R I	N Y L A K K S K D	V G L	L L T T D A E E K Q E Q A K L R R A E Y V L K S A
UniRef90_G7V1L3	M T E E R I	A R L	N E L L A R K S K T	I G L L	T T E E E K Q E Q A L L R R Q E Y L A D
UniRef90_W8T3E4	M D Q K R L	D R I	N E L L A H K A K A E	E G L L	T T P E E E T M E R Q E L R R D A Y I L K R N
UniRef90_R5HQQ6	M D R D L	D R I	N Y L A W K K A Q E	E G L L	T T A E E A E E Q K K L R R D Y I L R N
UniRef90_R5LF09	M T M E E K I	A R I	N E L L Y H K S K E T	E G L L	T T A E E E E Q G R L R R W D Y I N S
UniRef90_R5CXD3	M D Q K K I	D R I	N E L L A K K A R T	E G L L	T T P E E E T Q E R A A L R R R E Y I D S
UniRef90_K1SZB7	M T M D E K I	A R I	N A L A H K K A K A E	E G L L	T T D E E E E Q A Q L R R R D Y I D S
UniRef90_D4M617	M E Q K K I	D R I	N E L L Y K K S K A E	E G L L	T T P E E E A K E Q K L R R K E Y M E L

UniRef90_R9KJS7	V	R	A	N	L	K	S	Q	L	D	N	V
UniRef90_UPI0001E2F128	F	R	N	N	L	K	S	T	L	D	T	I
UniRef90_G5IGJ1	I	R	N	N	M	R	A	N	L	N	N	I
UniRef90_UPI0003F700B7	M	R	Q	S	F	K	N	Q	L	H	S	V
UniRef90_K9ETE5	F	R	A	N	F	R	G	T	L	E	N	T
UniRef90_J4TIQ4	I	R	A	S	L	R	A	N	L	N	N	I
UniRef90_E5WCH6	F	R	S	G	M	L	N	T	L	K	G	V
UniRef90_G5GGK2	I	R	A	N	L	T	A	S	L	N	N	I
UniRef90_R9JC21	V	R	A	N	L	R	G	Q	L	D	H	L
UniRef90_W1Q2B7	L	R	H	G	M	R	N	H	I	E	G	M
UniRef90_G5KCD8	Y	R	R	S	I	R	H	H	I	E	G	T
UniRef90_A0A017RWQ2	V	R	E	N	L	K	S	Q	L	Q	N	I
UniRef90_R5U2U5	F	R	K	N	L	R	S	Q	L	N	Q	I
UniRef90_N2BDA3	I	R	G	S	I	R	S	Q	L	N	R	I
UniRef90_W8YKH6	F	K	R	N	F	K	Q	Q	L	D	N	I
UniRef90_R2SJ78	F	R	S	G	M	R	H	H	I	E	G	M
UniRef90_I3DZN4	F	R	S	S	M	L	T	T	L	K	G	V
UniRef90_U2NLX2	V	K	S	N	F	R	A	Q	L	E	T	I
UniRef90_R5Y4R9	F	R	K	N	F	R	A	R	L	E	N	I
UniRef90_F5L8M1	F	R	S	A	F	R	A	N	L	M	G	I
UniRef90_W2BYF6	F	K	A	N	L	R	S	Q	L	E	N	I
UniRef90_UPI00036FB012	F	R	S	S	M	R	Q	T	V	E	S	V
UniRef90_C9KMB0	I	R	E	Q	V	R	N	M	L	D	Q	V
UniRef90_Q8Y7H5	F	R	T	H	M	K	G	T	I	E	N	T
UniRef90_W4DPD4	I	R	T	N	F	R	A	Q	L	D	T	I
UniRef90_A6NR03	V	R	A	N	L	T	A	Q	L	D	N	T
UniRef90_R8VVC5	F	R	R	S	L	K	A	Q	L	D	N	T
UniRef90_F4BQF6	F	R	G	G	M	R	N	T	I	E	G	V
UniRef90_V2Y7F9	I	R	G	N	I	R	S	Q	L	E	N	V
UniRef90_UPI000378634F	Y	K	R	S	L	R	H	H	L	A	G	I
UniRef90_UPI00046E7A03	F	R	S	T	M	R	D	T	I	E	N	V
UniRef90_D4K041	M	K	S	S	L	R	A	Q	L	E	H	T
UniRef90_R6MR48	V	K	A	A	L	C	S	H	I	L	D	N
UniRef90_UPI00046FD4BC	F	R	T	G	M	R	Q	H	I	E	G	M
UniRef90_W6N3U0	I	K	T	N	F	R	A	Q	L	D	N	T
UniRef90_U1WG43	V	R	G	S	L	K	A	N	L	D	S	I
UniRef90_A0A023DHSV9	F	R	E	T	M	V	H	M	L	H	S	V
UniRef90_D0BKV1	F	R	G	G	M	R	N	H	I	E	G	L
UniRef90_D6GRU1	F	R	K	N	F	K	K	Q	L	D	N	I
UniRef90_R5IN11	V	V	G	D	L	R	Q	Q	L	D	N	T
UniRef90_N4W9K4	V	R	K	S	F	K	N	Q	F	K	G	M
UniRef90_Q5WG05	F	R	S	S	F	T	D	H	L	H	T	V
UniRef90_R5IAM1	I	K	M	N	L	R	N	Q	L	D	N	I
UniRef90_I0R9V9	V	K	E	N	L	R	A	S	L	N	N	V
UniRef90_R6H3J3	I	R	E	N	L	T	A	Q	L	E	N	T
UniRef90_G8LXS6	F	R	N	S	L	K	S	T	L	D	S	I
UniRef90_Q88VI7	F	R	A	G	F	R	Q	Q	V	E	M	L
UniRef90_R9BX01	F	R	S	T	M	V	N	T	I	E	N	V
UniRef90_L0ECA3	F	R	S	N	L	K	Q	Q	L	D	A	I
UniRef90_W4BGZ2	I	R	G	Q	V	L	S	T	M	S	T	L
UniRef90_T0CSG3	F	R	A	Q	F	R	G	H	L	E	R	I
UniRef90_U2EPC3	C	R	E	N	L	R	S	Q	L	D	R	V
UniRef90_R5TVC2	I	R	M	S	L	R	G	N	L	N	S	L
UniRef90_R7ENI2	V	R	A	N	L	R	G	Q	L	D	S	T
UniRef90_UPI0003B65EAC	I	K	Q	N	V	A	S	Q	L	N	N	I
UniRef90_UPI0003FCE926	V	R	S	S	F	R	N	Q	L	N	S	V
UniRef90_UPI0004727FE5	F	R	G	G	M	R	H	H	I	E	G	M
UniRef90_A6CSE2	F	R	N	S	M	R	S	T	I	E	N	T
UniRef90_UPI0001850DCC	F	R	K	S	M	K	N	T	I	E	N	T
UniRef90_R5L2B2	F	K	E	N	L	S	Q	L	E	N	T	
UniRef90_E4KM15	F	R	K	G	F	S	Q	Q	V	E	A	I
UniRef90_R7FCB8	V	V	G	N	L	R	G	Q	L	D	N	T
UniRef90_B1SC43	Y	R	H	S	L	L	H	H	I	S	G	T
UniRef90_M9LEZ9	F	R	Q	V	R	N	K	L	D	S	I	T
UniRef90_H7F3S4	F	R	S	H	V	K	G	T	I	L	N	T
UniRef90_R6WHQ0	I	R	A	N	V	R	S	Q	L	N	N	T
UniRef90_W7ZU29	F	R	S	A	F	K	N	Q	L	H	S	V
UniRef90_R9KCN4	I	R	G	N	L	R	S	Q	L	N	H	I
UniRef90_K0J2X9	L	R	Q	S	F	K	N	Q	L	S	S	V
UniRef90_K9AK19	F	R	K	S	F	K	S	Q	I	E	N	T
UniRef90_R6SHV2	V	R	M	N	L	K	A	Q	L	D	N	I
UniRef90_UPI00040324D9	V	R	K	S	F	K	N	Q	F	K	S	M
UniRef90_R5ELV2	V	K	A	N	L	V	G	Q	L	E	N	T
UniRef90_U2K8S8	V	I	G	N	L	K	G	Q	L	D	N	T
UniRef90_UPI0002D26F7E	F	R	G	N	F	K	D	T	I	E	S	T
UniRef90_D6XU55	V	R	K	S	F	K	N	Q	L	K	S	M
UniRef90_W9A8R5	V	R	S	S	F	K	N	Q	F	K	S	M
UniRef90_R5VR83	V	V	G	N	L	R	Q	Q	L	N	N	V
UniRef90_G9QI99	F	R	S	S	M	K	E	T	I	E	K	V
UniRef90_UPI0003B751F2	V	K	A	S	L	V	G	Q	L	E	N	T
UniRef90_UPI000225B276	V	R	S	S	F	K	N	Q	L	K	T	T
UniRef90_R5N6V0	F	K	R	N	L	V	A	N	L	E	N	T
UniRef90_F2JSW8	F	R	G	N	F	K	S	Q	L	E	H	T
UniRef90_G7V1L3	F	R	A	G	L	R	D	Q	I	E	H	T
UniRef90_W8T3E4	V	K	A	N	L	K	S	Q	L	D	S	I
UniRef90_R5HQQ6	I	R	Q	S	L	E	A	Q	L	D	N	V
UniRef90_Q38W55	F	R	S	S	F	R	S	Q	V	E	M	L
UniRef90_D5XA79	I	R	Q	Q	V	K	A	S	L	D	N	I
UniRef90_R5LF09	I	K	A	G	I	G	A	H	L	D	N	M
UniRef90_R5CXD3	V	V	G	N	L	A	R	E	L	D	N	T
UniRef90_K1SZB7	V	K	A	N	L	K	S	Q	L	N	T	L
UniRef90_D4M617	I	R	V	N	L	R	S	Q	L	N	N	I



UniRef90\_H3NKB0 M E K N L I D R I N Q L A R A K K Q K A Q G L T D Q E K V R E Q Q A K L R Q R Q D Y S  
UniRef90\_R7GL74 I D Q K L I D E R I N N A L Y H K K S K T V G G L L P E E E K Q V R E Q Q Q A K L R Q R Q K E Y L K  
UniRef90\_U2BFX2 M D E K I V G R I N N E L Y H K K S K T V G G L L T S A E E E K Q V R E Q Q Q A K L R Q R R E Y L I  
UniRef90\_UPI00035D26EC M D I D I L K V G R I N N E L Y H K K S K T V G G L L T S A E E E K Q V R E Q Q Q A K L R Q R R E Y L I  
UniRef90\_R6EJZ5 M N M D E R I K R I N N E L Y H K K S K T V G G L L T S A E E E K Q V R E Q Q Q A K L R Q R R E Y L I  
UniRef90\_L5N0F1 M L S Q E K I K R I N N E L A N K K S K T V G D L L T T D S E E E K Q V R E Q Q Q A K L R Q R R E Y L I  
UniRef90\_R5AK15 I S S E Q I A R I N N E L A N K K S R T V E G L L T T P E E E K Q V R E Q Q Q A K L R Q R R E Y L I  
UniRef90\_UPI0003763AF6 M D I D V L I A R I N N E L A R K K K K T T G L L T T A D Q E E T Q V R E Q Q Q A K L R Q R R E Y L I  
UniRef90\_W4QHP5 M L S S K Q I D E R I N N E L A K K K S R T V G G L L T T D D Q E E K A K E E Q Q K S L R R E A Y I I  
UniRef90\_A0A011RQT0 M L E K A K L D R I N N E L V R K K E R N T V G G L L T N D Q E E K A K E E Q Q K S L R R E A Y I I  
UniRef90\_R6DSG1 M V T K E Q I D R I N N E L A K K K K T E G L L T D E E E Q A T E E Q Q K S L R R E A Y I I  
UniRef90\_A8FDQ0 M L S K N Q L A R I N N E L S K K S R T E T G L L T S T A E E E K A K E E Q Q A S L R R R E E Y I I  
UniRef90\_G9RWQ1 M T D E K I A R I N N A L A K K S R T E G L L T S A E E E K A T E E Q Q A S L R R R E E Y I I  
UniRef90\_C4Z073 M V T E K T L E R I N N E L Y H K K S K A E E G L L T D A E E E K A E E Q Q Q L L R A D Y I V I  
UniRef90\_R6EZ27 M I T Q E K I D R I N N Q L S H K K K N T A G L L T T N E E E K A K E E Q Q Q T L R Y S E Y I L I  
UniRef90\_U5L994 M L P K D K M A R I N N E L A N K A K T A G L L T T N E E E K A K E E Q Q T K L R R S E Y I L I  
UniRef90\_R6PGH4 M D Q N T I N R I N N E L A R K K S K G E G L L T L E E E K E E E Q Q K L R R A E Y I L I  
UniRef90\_D4W7T6 M L T P E K L S R I N N E L A K K K K T E G T L L T T E A E E K E E Q Q Q A L R R T E Y I L I  
UniRef90\_R5L017 M D K N K I N R I N N E L Y K K S K T T G L L T T E A E E K E E Q Q Q K L R R T E Y I L I  
UniRef90\_F2I7W1 M D E L L K R I N N E L A K K Q K E D G L L T T A E E E K E E E Q Q A K L R R Q E Y I L I  
UniRef90\_UPI0002FE2706 M L S K E K I A R I N N E L T R K K A K T E G G L L T T P E E E K A K E E R T M L R R Q E Y I L I  
UniRef90\_E8LB76 M E I N A M I N R I N N A L A K K K K T E S G L L T D A E E E K A K E E Q Q K E L Y K E Y I L I  
UniRef90\_K0AVV4 M I T N E K I E R I N N F L A K K S K E E G L L T S E T E E K K E E Q A K L R R K E Y I L I  
UniRef90\_W4EMI3 M L S K E K I Q R I N N E L S Y K K S K A E G L L T V E E E K A K E E Q Q T T L R R R E Y I L I  
UniRef90\_R6LSP8 M E T A K I E R I N N S L A K K S K S H E G L L T T E Q E K K R E E Q Q K L R R E E Y I L I  
UniRef90\_UPI0002E75EE4 M L A K D K L D R I N N S L A K K S K S H E G L L T T E Q E K K R E E Q Q K L R R E E Y I L I  
UniRef90\_R6VBX5 M E K E K I N R I N N E L A K K K K T E Q G L L T T E E E K A K E E Q Q N R L R Y K Y I L I  
UniRef90\_UPI0003B68ED6 M I D Q Q L I N R I N N E L A R K K K T V G L L T T E E E R K E E Q Q Q K L R R E Y I L I  
UniRef90\_UPI000249244F I P Q N L L D R I N N E L A H K K K A N G L L T T K E E E Q E E Q Q Q R L R E T Y I L I  
UniRef90\_C4L2S9 M L A P G Q L E R I N N F L A N K A K T E G L L T S A D E E M N E E Q S N L R R R K Y I L I  
UniRef90\_UPI00036A0FEC M L A P G Q L E R I N N F L A N K A K T E G L L T S A A E E K E E Q S L L R R R K Y I L I  
UniRef90\_U2EF40 M I N T K L I K R I N N E L A R K D K E D G L L T T E E E K E E E Q E Q L R R S D Y I L I  
UniRef90\_D9SVI2 M E K L I A R I N N E L Y N K S K T V G L L T T A E E E K E E E Q A T L R R Q Q Y I L I  
UniRef90\_C8VZX0 M M T K E L I E R I N N E L S R K K Q S V G L L T D A V E E K E E E Q A K L R R G Y I L I  
UniRef90\_UPI00040690CF M V S K E K L A R I N Q L A K K A K E N S L L T A E E E A R E E Q S K L R R R E Y I L I  
UniRef90\_UPI0002887615 M D H D E M V K R I N N Q L A K K S Q E T S L L T D A E E K E E Q Q T L R R E A Y I L I  
UniRef90\_UPI0002F23079 M E S E K L R A R I N N E L A H K K Q K T T G L L T D A E E K A E E Q Q K L R R E A F L I  
UniRef90\_UPI0003638860 M E M E Q L I A R I N N E L S R K K H K Q G L L T T E E E T A E E R A K L R R Q Q Y I L I  
UniRef90\_B9EBU2 M L D E N K M K R I N N E L A Q K K K A T T G L L T D Q E E G K E E Q T L L R R K E Y I L I  
UniRef90\_UPI00036E3A7C M I T K E L I A R I N N E L A R K K K T T G L L T A A E E K A E E Q Q R L R R T A Y I L I  
UniRef90\_UPI00047D7D39 M I T K E L I A R I N N E L A R K K S K A E G L L T E A A E V A E E R D Q L R R K Q Y I L I  
UniRef90\_R5H429 M T L E Q K I A R I N N E L Y K K S K T E G L L T E A A E K S E Q A L L R R K Q Y I L I  
UniRef90\_G4CIB9 I S D E M I N E N N E L A H K S K T V G L L T T E E E K A E A R H H E L R R Q E Y I L I  
UniRef90\_E7GCR0 M K P E E I A R I N N A L A R K A K T A E G L L T P A E E K E E E Q Q G A L R R R R Y I L I  
UniRef90\_R6J1X0 M K P E E I A R I N N A L A R K A K T A E G L L T P A E E K E E E Q Q G A L R R R R Y I L I  
UniRef90\_R7JRK2 I L T R I N N E L S R K A K E G G L L T E M E K E E E Q V R L R R Q E Y I L I  
UniRef90\_W4AE61 M I E R D K L D R I N N E L A R K K E R T E G L L T S E E K N E Q E S L R R K Q E Y I L I  
UniRef90\_H3NE16 M L E K A K I E R I N N E L S R K K K D G T I L L T A D E K V E Q Q D M L R R Q E Y I L I  
UniRef90\_W7DB70 M D M K K L I E R I N N F L Y K K S K E E G L L T K E E K V E Q Q K L R R R E Y I L I  
UniRef90\_B1JL2 M T E A L I K R I N N E L A K K K R E S G L L T N P E E E L Q E Q Q K L R Y D Y I L I  
UniRef90\_QOAYB9 M V T D A E I K R I N N E L A K K S K E Q S G L L T D E E K Q E Q Q R L R R Q K Y I L I  
UniRef90\_UPI0002ECE357 M V T D A E I K R I N N E L A K K S K E Q S G L L T D E E K Q E Q Q R L R R Q K Y I L I  
UniRef90\_J8SSN1 M Q N I L F R I N N E L A K K E R T S G L L T D E E K Q E Q Q M L R R Q N Y I L I  
UniRef90\_R6U4K2 M E K A K I D R I N N E L A K K K A S G L L T D A E E L D E Q S A L R R A E Y I L I  
UniRef90\_R7CA94 M N Q E K I N R I N N E L Y K K Q K A G T I L L T P A E E L T E Q S L L R A E Y I L I  
UniRef90\_A0A015LZN9 M H M G K L L D R I N N E L S R K Q N S V G L L T D E E E L T E R D E L R R K K Y L I  
UniRef90\_D4KX70 L M K Q E Q I D R I N N A L Y R K S Q A E G L L T S A A E E K E E Q A M L R R K A Y L I  
UniRef90\_UPI000368BF54 M L D R I N T L A R K A R A E G L L T S A A E E L A E R D A L R R Q T Y L I  
UniRef90\_R7INM2 T Q E T I A R I N N E L Y K K S K E T G L L T N E E A M E Q A K L R R K E Y I L I  
UniRef90\_UPI00047BFFD9 M T D E K I K R I N N E L Y K K K K E G T I L L T E E E L A E Q Q K L R R Q E Y I L I  
UniRef90\_R7G718 M T D E K I D R I N N F L A R K K R S E G L L T T E E E K A E Q Q D K L R R K E Y I L I  
UniRef90\_B6G1D3 M I D Q K L I N R I N N E L A K K N K A E G L L T P A E T K E R E K L R R K Y I L I  
UniRef90\_UPI00040BA218 M L T K E K L E R I N N A L A S K A K T T G L L T T D A E E K A E Q Q K Q L R R E Y I L I  
UniRef90\_B1YE74 M L S Q E Q L D R I N N E L A N K S K V E P L L T D A E E T A E Q K K E L R T A Y I L I  
UniRef90\_B8I744 M E K S R I E R L N N E L A K K A K S G S L L T S S E E L A E R D K L R R K E Y I L I  
UniRef90\_F7TWC2 L V T D A E V K R I N N E L A K K S K D V G L L T P E E E K T E Q Q V L R R Q K Y I L I  
UniRef90\_V6Q651 M L S K E K I A R I N N E L A N K S K K E P L L T T E T E K K E Q K A L R R E E Y I L I  
UniRef90\_Q8DVN2 M E Q T K I D R I N N E L A R K K K T E G L L T G A E K L E Q E R L R R E E Y I L I  
UniRef90\_R6D010 M D E E K I A R I N N E L A R K A K A E G L L T D A E E E R A A L R R Q E Y I L I  
UniRef90\_UPI000465C947 M K E E K I K R I N N E L Y H K K S K A E G L L T D A E E K K E Q K I L R R Q E Y I L I  
UniRef90\_R5VSY7 M D S K K I A R I N N E L Y K K Q K E G I L L T T E S E R E E Q A V L R R E Y I L I  
UniRef90\_R6YTV4 M D D K K I A R I N N E L Y K K K A G T L L T T E E E A K E Q A L L R R A E Y I L I  
UniRef90\_R7H402 M E Q E K I N R I N N E L A R K A K T V G L L T P E E E L E E Q Q K Q L R R M E Y I L I  
UniRef90\_Q1WUI5 I P Q E L I D R I N N E L S K K K K E E G L L T S E E E L A E Q K E L R R E T Y I L I  
UniRef90\_NOAQZ4 M Q L N D L I A R I N V L A N K A K T T G L L T E E E A K E Q S K L R R G K Y L I  
UniRef90\_UPI000249044B E E K E L V A R I N V L A H K K A K S V G L L T E E E E T I E R K K L R R S Q F L I  
UniRef90\_X8INT7 M K K E K I D R I N N E L A H K K K S E G L L T P D E E V L E Q A E L R R R E F L I  
UniRef90\_A9NFK1 Q D L L N K I N Y Y A K E A K L R T E G L L T D E E E L E E R Q E L R R H K Y L I  
UniRef90\_P60083 M K V E E L I E R I N Y Y L Y K K K E E G L L T T E E E K I E Q A E L R R E K Y I L I  
UniRef90\_E6MFT6 M T N G Q L A R I N A L A E K Q R S E G L L T P E E E K A E Q T A L R R K A Y I L I  
UniRef90\_R7BEY9 D K M I A R I N N E L A R K S K A E G L L T P E E E A L E Q T E L R R G K Y I L I  
UniRef90\_G2SNF8 I P Q N L I D R I N N E L A N R K K T V G L L T P E E E K E E Q K S L R R E T Y I L I  
UniRef90\_K2FPC8 M L A Q H K L D R I N N A L A N K K K E Q G L L S S E E Q N E Q H E L R R Q E Y I L I  
UniRef90\_M5J7C7 I P Q E L I D R I N N E L A R K K K A N G L L T T E A E E A E Q K E L R R Q R Y L I  
UniRef90\_R6GBH2 M N I D I D R I N N E L Y H K K S K S V G L L T K A E E A E Q K K L R R K A Y L I  
UniRef90\_R6I715 M E I N E M I A R I N I L A R K K R S E G L L T E E E Q C E Q K A L Y K E Y L I  
UniRef90\_R5XUZ0 M I T Q E Q I K R I N N E L S R K S K A E G L L T E S E K K E Q A K L R R E L Y I L I  
UniRef90\_D4N009 M K E K D I Q R I N N E L Y N L D K K I G L L T P E E E K K E Q R K L R H E Y I L I  
UniRef90\_D4L5B0 M D K K M L D R I N N E L A K K K K E Q G L L T E A E Q K E Q K E L Y K Y L I  
UniRef90\_R5PIU8 M N E A D I Q R I N N E L A R K S K T E G L L T E A E L A E Q A A L R R T A Y I L I  
UniRef90\_R5YMZ4 M D Q K K I K R I N N E L A R K S K A E G L L T D S A E K K E Q E Q L R R T E Y I L I  
UniRef90\_R7KAU6 I E R I N N F L A K K A K T E G L L N E S E K A E Q A K L R R R E Y I L I

UniRef90_H3NKB0	F	R	Q	Q	M	K	A	Q	I	E	G	I
UniRef90_R7GL74	F	R	R	G	F	E	Q	Q	L	Q	S	I
UniRef90_U2BFX2	V	K	A	N	L	R	S	Q	L	N	N	I
UniRef90_UPI00035D26EC	V	R	R	N	F	R	Q	E	L	D	M	I
UniRef90_R6EJZ5	I	K	R	N	M	K	A	Q	L	D	N	I
UniRef90_L5N0F1	A	R	K	S	F	K	N	Q	L	K	G	V
UniRef90_R5AK15	F	R	T	S	L	K	S	Q	L	D	N	T
UniRef90_UPI0003763AF6	I	R	R	N	F	R	Q	Q	L	D	T	I
UniRef90_W4QHP5	F	R	Q	S	F	K	Q	Q	L	H	Q	V
UniRef90_A0A011RQT0	F	R	S	G	M	K	N	Q	I	E	G	M
UniRef90_R6DSG1	F	K	A	N	L	K	A	Q	L	D	T	I
UniRef90_A8FDQ0	F	R	S	S	M	K	N	T	L	K	T	V
UniRef90_G9RWQ1	M	K	G	S	L	K	K	Q	L	D	N	T
UniRef90_C4Z073	F	R	E	N	L	R	G	Q	L	E	S	I
UniRef90_R6EZ27	F	R	E	N	L	K	F	Q	L	D	M	I
UniRef90_U5L994	F	R	S	N	M	L	T	T	L	K	G	V
UniRef90_R6PGH4	I	R	M	N	M	R	A	Q	L	D	N	I
UniRef90_D4W7T6	F	R	E	S	M	K	N	T	I	E	N	M
UniRef90_R5L017	I	I	G	N	L	T	G	E	L	N	T	M
UniRef90_F2I7W1	F	R	G	N	F	K	N	I	M	M	N	T
UniRef90_UPI0002FE2706	F	R	E	S	F	R	K	T	I	E	N	V
UniRef90_E8LB76	I	R	S	Q	L	K	A	Q	L	D	N	I
UniRef90_K0AVV4	F	K	N	N	L	R	K	Q	L	D	I	C
UniRef90_W4EMI3	F	R	S	S	M	R	E	T	I	E	N	V
UniRef90_R6LSP8	F	K	R	N	L	R	G	Q	L	N	N	I
UniRef90_UPI0002E75EE4	V	R	K	S	F	T	N	Q	F	K	S	M
UniRef90_R6VBX5	F	K	A	S	L	T	G	Q	L	D	N	M
UniRef90_UPI0003B68ED6	I	R	G	Q	V	K	Q	Q	L	S	N	I
UniRef90_UPI000249244F	F	R	E	N	F	R	S	Q	L	E	M	T
UniRef90_C4L2S9	F	R	Q	S	F	K	S	Q	M	M	G	M
UniRef90_UPI00036A0FEC	F	R	A	S	L	R	S	Q	L	D	N	I
UniRef90_U2EF40	F	R	N	R	F	R	N	Q	V	E	T	I
UniRef90_D9SVI2	I	K	G	N	V	K	A	Q	L	Q	T	V
UniRef90_C8VZX0	I	R	E	Q	V	I	D	G	L	E	T	V
UniRef90_UPI00040690CF	F	R	S	S	M	A	N	T	L	E	N	V
UniRef90_UPI0002887615	V	K	R	N	F	R	A	Q	L	E	G	L
UniRef90_UPI0002F23079	F	R	K	A	F	R	S	Q	V	E	M	M
UniRef90_UPI0003638860	F	K	R	N	F	R	N	Q	L	D	A	I
UniRef90_B9EBU2	F	R	Q	S	F	K	K	T	I	E	N	T
UniRef90_UPI00036E3A7C	I	R	A	Q	V	K	G	M	L	D		
UniRef90_UPI00047D7D39	F	K	Q	N	F	R	Q	Q	L	D	S	I
UniRef90_R5H429	V	R	Q	N	L	R	N	Q	L	N	N	I
UniRef90_G4CIB9	V	C	G	Q	L	N	N	M	L	S	T	V
UniRef90_E7GCR0	F	R	S	G	F	Q	Q	Q	L	K	S	I
UniRef90_R6J1X0	F	K	R	S	L	V	S	Q	L	D	N	T
UniRef90_R7JRK2	V	K	M	N	L	R	T	Q	L	D	N	I
UniRef90_W4AE61	F	R	G	S	V	N	D	I	L	L	N	
UniRef90_H3NE16	F	R	E	G	L	K	S	Q	L	E	G	L
UniRef90_W7DB70	F	R	S	Q	V	R	T	T	I	E	H	T
UniRef90_B1JL2	I	K	G	N	V	K	V	Q	L	E	G	V
UniRef90_Q0AYB9	I	R	Q	Q	V	K	S	Q	L	E	A	I
UniRef90_UPI0002ECE357	V	R	T	S	L	K	A	N	L	D	A	I
UniRef90_J8SSN1	F	R	G	S	L	D	S	I	L	L	N	T
UniRef90_R6U4K2	I	K	A	N	I	T	A	A	I	E	N	T
UniRef90_R7CA94	I	R	N	N	L	R	N	T	L	E	H	T
UniRef90_A0A015LZN9	F	R	R	N	F	K	D	Q	L	D	N	I
UniRef90_D4KX70	V	K	R	N	L	V	A	Q	L	N	N	I
UniRef90_UPI000368BF54	V	R	G	Q	M	T	N	T	L	A	N	V
UniRef90_R7INM2	V	H	N	N	L	R	G	I	L	N	N	V
UniRef90_UPI00047BFFD9	I	R	R	N	L	R	A	S	L	D	N	V
UniRef90_R7G718	V	T	G	N	L	R	A	Q	L	D	N	T
UniRef90_B6G1D3	F	K	K	G	F	K	Q	R	L	D	C	I
UniRef90_UPI00040BA218	I	R	S	S	F	K	N	Q	F	K	T	M
UniRef90_B1YE74	F	R	G	S	F	K	N	Q	M	G	I	
UniRef90_B8I744	F	R	A	N	L	K	A	T	L	D	N	T
UniRef90_F7TWC2	M	K	A	S	L	K	S	S	L	D	S	I
UniRef90_V6Q651	F	R	G	G	M	R	H	H	I	E	G	M
UniRef90_Q8DVN2	Y	R	R	S	I	R	H	H	I	E	G	L
UniRef90_R6D010	V	M	A	N	A	R	S	V	L	E	N	T
UniRef90_UPI000465C947	F	R	E	N	L	R	G	Q	L	N	Q	I
UniRef90_R5VSY7	I	R	T	N	I	R	N	T	L	D	H	T
UniRef90_R6YTV4	V	R	N	N	L	R	A	S	L	A	N	V
UniRef90_R7H402	V	V	G	N	L	K	Q	Q	L	D	H	T
UniRef90_Q1WUI5	F	R	E	N	F	R	S	H	I	E	M	L
UniRef90_NOAQZ4	F	R	S	Q	M	L	N	S	I	K	N	V
UniRef90_UPI000249044B	F	R	A	S	F	K	S	D	I	E	M	M
UniRef90_X8INT7	I	R	A	D	V	K	S	Q	L	E	S	T
UniRef90_A9NFQ1	I	R	G	A	I	Q	N	N	L	E	N	I
UniRef90_P60083	I	R	S	N	F	R	A	Q	L	E	S	I
UniRef90_E6MFT6	F	R	Q	N	L	K	A	Q	L	D	N	I
UniRef90_R7BEY9	F	R	A	N	F	R	K	Q	L	E	K	I
UniRef90_G2SNF8	F	R	E	G	F	R	N	R	I	E	M	L
UniRef90_K2FPC8	V	R	K	S	F	K	N	H	L	K	G	M
UniRef90_M5J7C7	F	R	Q	G	F	R	D	R	I	E	M	L
UniRef90_R6GBH2	I	R	K	N	L	R	G	S	L	N	R	I
UniRef90_R6I715	I	R	G	Q	V	K	Q	Q	L	D	K	L
UniRef90_R5XUZ0	F	K	E	N	L	V	A	Q	L	N	N	T
UniRef90_D4N009	V	R	A	N	L	R	A	Q	L	N	N	V
UniRef90_D4L5B0	I	R	T	Q	F	N	A	T	L	D	N	V
UniRef90_R5PIU8	V	K	R	N	L	K	T	Q	L	D	N	I
UniRef90_R5YMZ4	V	I	G	N	L	K	G	E	L	K	N	V
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UniRef90\_W2E853 M S M E E T V R R R I N N F L A R S R K K A K K E V E G L L T T T K E E L A E E R R E V L R R K E Y R A E  
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UniRef90\_UPI00046F0DC2 M L S K E K L L R I N Q L A K K S K S Q Q G L L T T P E E E A K E R A S K L R S E E Y L K N A  
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UniRef90\_W2E853 M R A S L R S Q L D S I  
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UniRef90\_W6AA73 F R E G F K N Q L D N L  
UniRef90\_R6HE25 I R E Q V K Q K L D S I  
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UniRef90\_UPI0003B2E96B F R K G M R K H I E G L  
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UniRef90\_R5VW17 W R E G V I Q T L E N T  
UniRef90\_A7GR30 F R Q N M L N E L K G I  
UniRef90\_H6NJD1 I R G Q V L T T M L G V  
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UniRef90\_R5J4L3 F R A G F K Q Q M D N I  
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UniRef90\_X0PGP7 F K N G F R S Q I E M L  
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UniRef90\_S6F3N1 I H G Q L T N I L S T V  
UniRef90\_K1LR10 F R Q S M R Q Q L D H L  
UniRef90\_L1QEW3 V K A N F K V Q L A G V  
UniRef90\_Q4A0H8 I R G Q V I H T F S T L  
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UniRef90\_D4YI48 F R S A F N D I I L N T  
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UniRef90\_UPI00036EEE27 I R G Q V L H T F S G L  
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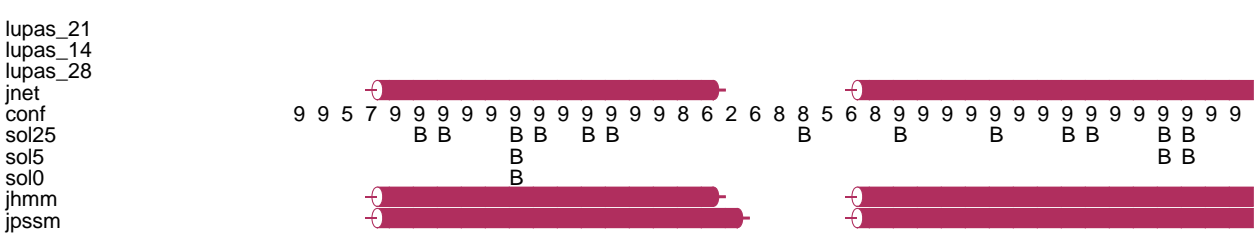
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