QUERY UniRef90 UPI0002653713	1 10 20 30 40 CPLMVKVLDAVRGSPALNVAVHVFRKAADDTWEPFASGKTSPLTSHVLDTARGSPAANLRIEVYHLMA_GQWKKISEGQT	ı
UniRef90_G5APG7 UniRef90_D1LXG7 UniRef90_UPI000328D61B	S P L T T H V L D T T S G L P A R G L C L R L S Q L D S D Q Q W T V L R E S Y T S P L T T H V L D T A L G R P A A E L P I T L Y S R S P E M A W L K I A A G K T S P L T T H V L D T A S G L P A Q D L W L R L F R L E H G Q Q W T E L S K S S T	
UniRef90_F7EG90 UniRef90_E9FRK0 UniRef90_G4Z7Q0	POIL IT TOUNT A TOKO A NOMOHITH OMKSOSTWEWLIKECKT	
UniRef90_Q08MJ9 UniRef90_F8CMJ1 UniRef90_UPI0003F0A4DC UniRef90_UPI00046B1D73	S T L S T H V L D T H R G R P A S G V P 1 T L E L Q E A S G E W K A L A R G V T S P V T T H V L D T A S G L P A Q G L C V S L S R L E V E G Q W L E L R T S H T	
UniRef90_I3JE44 UniRef90_H3BW30 UniRef90_M3XGG2	SPILITINV LINTAMGILIPAS NIMALVINLITAK DIPS NI WSLILIK I GIT	
UniRef90_W5M0G9 UniRef90_Q06S87 UniRef90_V9L3K9	S P L T T H V L N T G M G I P A S N M A L N L Y R K D P S N T W S L L K T G T T S P L T T H V L N T A M G I P A Q N M Q V S I F Q L A G A Q D W K L L K T G L T S P L T T H V L D T A R G V P A A R L P L G L Y R L D S G A A W T L V T S G A T S P L S T H V L N L A Q G V P G A N M T I V L H R L D P S S A W N L L T T G I T S P L T T H I L N T A Q G V P A A S V A I S I S R L E S Q G W T E V A K G L T L T T H V L N T A T G L P A A G L A I H L A Q L Q E P G Q W T E V V Q R W T	
UniRef90_UPI0003992067 UniRef90_R4YV21 UniRef90_UPI000477AB03	SPI IT HOLD INLIGK PAVIGVAV V LIFKLIDADK QYQKII AAGET SPI IT THI LDTQAGRPAAGVPVKLIFRKE QGEWSSI AEGVT	
UniRef90_N6VX92 UniRef90_W5UMK2 UniRef90_C1BQF6 UniRef90_UPI0002C46E09	S P I T T H I L D L G S G R P A A G V A V T L E G Q N G N E W T P I A N G A T S P L T T H V L N T G R G I P A A G M S I T L Y F L D P T T A W N R L T T G T T P L S S H V L D T S R G T P A E G I Q I H L F K E D G E G W T L V G K K T T S P L T T H V L D T T S G L P A Q G L S L H L S R L E G Q G Q W M E L R K S Y A	
UniRef90_R4WKQ3 UniRef90_A5D8P9 UniRef90_UPI0003827F9E	S PL T T H V L N T G R G L P A A G M S I T L Y F L D P T T A WN R L T T G T T P L S S H V L D T S R G T P A E G I Q I H L F K E D G E G WT L V G K K T T S P L T T H V L D T T S G L P A Q G L S L H L S R L E G Q G Q W M E L R K S Y A P L T T H V L D I S S G V P A A N M S V S L Y Q F T N G K W D L L K E S I T S Q L T T H V L N V A E G I P A K G L T M T L S R H D T Q G K W V Q M S R S V T L T H V L D T A S G K P A A N L R I E L Y R L D G G W R E I A S A R T S D T C G C C S E N S I A S A R T S D T C G C C S E S I S A S A R T S D T C G C C S E S I S A S A R T S D T C G C C S E S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A S A R T S D T C G C C S E S I S I S A R T S D T C G C C S E S I S I S A R T S D T C G C C S E S I S I S D T C G C C S E S I S I S D T C G C C S E S I S I S D T C G C C C S E S I S I S D T C G C C S E S I S D T C G C C S E S I S D T C G C C S E S I S D T C G C C S E S I S D T C G C C S E S I S D T C G C C S E S I S D T C G C C S E S I S D T C G C C S E S I S D T C C G C S E S D T C C C C S E S I S D T C C C C S E S D T C C C C S E S D T C C C C S E S D T C C C C S E S D T C C C C S E S	
UniRef90_G4T733 UniRef90_K9MS40 UniRef90_U5HH05	SPITTHILDTSLGRPAADVPIKLLYRRAEGGEWSQVSSGQT	
UniRef90_A6G7W3 UniRef90_O55245 UniRef90_UPI00026286B1	SPITTHILDTALGRPAAGVITLERENG AAWTRLGEGVITCPLMVKVLDAVRGSPAANVAIKVFKKTSDGDWQEFAAGKTSPITTHILDTAKGSPAENVPIQLESWV KSKWQLLGKGST	
UniRef90_G8T6J0 UniRef90_M3ZLA9 UniRef90_UPI00038BD932 UniRef90_UPI00036BEE09	SPLTTHVLNTALGVPGSNVTLRLYQQDPSDVWHLITTGTT	
UniRef90_P49141 UniRef90_UPI00035E32B8 UniRef90_N9KIZ9	S A V T T H V L D S S R G L P A A G I T V A L E Q A T D G G WN L I G E A V T C P L MV K V L D A V R G S P A V N V N V K V F K K S E E Q T W E P F A T G K T L T T H V L D T A N G C P G E G I A V R L F C V G V D G G L T L I A D A R T P L S V H V L N L E N G L P S A G V K V I L E K Q E N N Q W K E L N Q S T T C P L MV K V L D A V R G S P A V D V A V K V F K K T S E G S W E P F A S G K T S P V T C H V L D S T L G K P A A N V N V R L E A M E G S A F V T L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C H V L D S T L G K P A A N V N V R L E A M E G S E T W T V L A S G Q T T C T C T C T C T C T C T C T C T C	
UniRef90_P07309 UniRef90_X8JJS9 UniRef90_E9CDA1	CPL MVKV L DAVRGSPAVDVAVKVFKKTSEGSWEPFASGKTSPVTCHVLDSTLGKPAANVNVRLEAMEGS AFVTLASGQTPLTTHILDTTLGRPAANVPLRLERASGSETWEVLATGVT	
UniRef90_M5G9V6 UniRef90_W0RFX4 UniRef90_D2TTL5 UniRef90_G8ASW5	C P L MVK V L D A V R G S P A V N V N V K V F K K S E E Q T WE P F A T G K T L T T H V L D T A N G C P G E G I A V R L F C V G V D G G L T L I A D A R T T P L S V H V L N L E N G L P S A G V K V I L E K Q E N N Q W K E L N Q S T T C P L M V K V L D A V R G S P A V D V A V K V F K K T S E G S WE P F A S G K T S P V T C H V L D S T L G K P A A N V N V R L E A M E G S A F V T L A S G Q T P L T T H I L D T T L G R P A A N V P L R L E R A S G S E T W E V L A T G V T S P I T C H V L D S V L G K P G S G I G V R L Y Q L G S S D D P P L L A S G K T S T V S T H V L D T A S G R P A A A N V G V Y L E Q K S D S G W Q Q L N S G R T L T T H V L D T T H G R P G A G I A V T L Y R L D G E R R E R L T Q T R T S V H V L N L Q S G L P S Q N V V V K L E K K Q G N S W K K L N F A T T	
UniRef90_C9Y363 UniRef90_J0R0S8 UniRef90_UPI0004756C94	I I THV I DTANGCPAAGMAI SI IYR CGGGSCFI VKRIHT	
UniRef90_S2KZ16 UniRef90_R9CQG6 UniRef90_I4A315	L T T H V L D T A R G C P G Q G I R I E I F R L E D E Q R I R L G E V V T Q L S S H V L D I T T G Q P A S G I R V K L E K Q R Q D K S W E S I E V K T T Q L S S H I L D I T Q G K P A P G V K I Q L S K R A S D G T W K V V D E K T T	
UniRef90_K0R0Y2 UniRef90_UPI0003C4968B UniRef90_UPI0003C366C3	Q L S S H V L D I T T G Q P A S G I R V K L E K Q R Q D K S WE S I E V K T T Q L S S H I L D I T T G Q P A S G I R V K I Q L S K R A S D G T W K V V D E K T T L T C H V L D T A N G S P A A G M Q I E L Y K Y D G S Q K R E L L K S L V T P L I V K I L D S V R G C P A S S V P I K L Y K K A E D G T W Q L L S S G K T T I S C H V L D T A L G K A V A N L P L T L Y R Q L N D G Q W Q E L S Q H S T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H L L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H L L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H L L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T G A T S P I T C H V L D S T L G K P A A N V R V Q L E A L S P N A Q F H I L A T S P N A Q F H I L A T S P N A Q F H I L A T S P N A Q F H I L A T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q F M T S P N A Q T S P N A Q F M T S P N A Q F M T S P N A Q T S P N A Q T S P N A Q T S P N A Q T S P N A Q T S P N A Q T S P N A Q T S P N A Q T	
UniRef90_E6ZXP5 UniRef90_B0X3D3 UniRef90_A4A380 UniRef90_R6SGC0	S QI T T HI L D T A R G C P A A GIV PL A L F H R Q D S D WV E I A S G T T	
UniRef90_N9BIW6 UniRef90_V5ATU9 UniRef90_D8PRA4	L S S H I L D T T R G E P A P G V K V V L S R K D G E N V W T F V D E K Q T P L S V H V L N L Q T G L P S S D V A V V L E Q N Q K G Q W V K L N E K V T P L S V H V L N Q Q T G L P S S D V A V V T L E Q K Q G D N W T V L N T A S T S P I T C H V L D A S T G K P A P G V V V T L E Q K Q G E G W K K L N S A K T S P I T C H V L D T S Q G K P A A G I E V I L E R P G D A S V F R P F A A S E T P L S V H V L N L Q T G V P T A G I E V I L E R P G D A S V F R P F A A S E T P L S V H V L N L Q T G V P T A G I E V E L D K K Q G D E W V K L A Q G T T S P L T T H V L N T A T G V P G A N M T L S L H R Q D P T S A W S L I T T G I T S P L T T H V L N A A D G I P A A R M A L S L H R Q D P T S A W S L I T T G I T S P L T T H V L D T S T G R P A E G L S L T L E A R S G E D F R E L S R G V T L S T H V L D T A R G C P A A G L P I R L Y R I A A S G T P E L L K R V V T L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A A G L P I R L Y R I L D E R G R T E L A R M L T P L S S H V L D T S K G C P A E G L K I K L F K Q K D H D W K L I G E K I T	
UniRef90_UPI00046582E6 UniRef90_UPI000455CD55 UniRef90_U1V405	L SVHI L D Q Q T G K P A P G V V V T L E Q K Q G E G WK K L N S A K T S P I T C H V L D T S Q G K P A A G I E V I L E R P G D A S V F R P F A A S E T P L S V H V L N L Q T G V P T A G I E V E L D K K Q G D E WV K L A Q G T T S P I T C H V L D S S Q G K P A S G V K V S L Q I L S N E A K D K I L A E G T T	
UniRef90_J9VRG7 UniRef90_G3PTU6 UniRef90_UPI00022AEFE9 UniRef90_H8MI61	S PI T C H V L D S S Q G K P A S G V K V S L Q L L S N E A K D K I L A E G T T S P L T T H V L N T A T G V P G A N M T L S L H R Q D P T S A W S L I T T G T T S P L T T H V L N A A D G L P A A R M A L S L H R L D S K L M W A M L S V G T T S T L S T H V L D T S T G R P A E G L S L T L E A R S G E D F R E L S R G V T	
UniRef90_Q8YFU1 UniRef90_V9WLQ4 UniRef90_D3PGC0	L S T H V L D T A H G T P A A A M R V E L Y R I A A S G T P E L L K R V V T L T T H V L D T A R G C P A A G L P I R L Y R L D E R G R T E L A R M L T P L S S H V L D T S K G C P A E G I K I K L F K Q K D H D W K L I G E K I T	
UniRef90_X7ED30 UniRef90_UPI0003B5EE3C UniRef90_H0J8L6	LTTHVLDTARGLPAAGMRISLWRLTES EREMLAEAVT QLTTHVLDTMRGCPAAGMAVRLYRLAPAGEPELIRELVL PLSVHVLNLEDGKPSAGVHVTLERQVGQG WQSLAEEVT	
UniRef90_H0TCW8 UniRef90_B2VI85 UniRef90_C7M5I8 UniRef90_D3RPY8	LSTHVLDTVRGKPAENVAIELDVLRPDGSWQRLKQVMTPLSVHVLNLQTGVPTAGVAVELEQQQ KQGWVKLASGITQLSSHILDISQGKPAPNVKIALSKQDKNQNWVLIDEKYTPLSVHVLNMQDGLPGPNVEVTLERMEGRE WQFLRAVRT	
UniRef90_B8KGG4 UniRef90_UPl00035E8558 UniRef90_Q7QFD2	S Q T T H L D T A L G Q P A E A V P L A L Y Q R S E G N W E L A S G V T L T T H V L D T A N G C P A A N V T V D L Y A L Q A N G Q R H L V K V H T L S T H L D T T R G K P A P E V P V T L Y V R A A S Q S W T K V S T G L T	
UniRef90_V5E8D9 UniRef90_UPI00046AFF26 UniRef90_UPI000329998B		
UniRef90_UPI00039B8AD8 UniRef90_C7PNS4 UniRef90_UPI000464EAFC UniRef90_R7UE73	S R I T T H V L D T A L G K P A A G L K I T L Y R L E G E N Q W E K L N K A R I S R I T T H I L D T S A G L P A Q G V A V H L F Q Q Q E E D W T A I A S G H T L T T H V L D T A S G K P A A G L K I T L Y R I E G E T R Q K V K D V V T P L T T H I L D T A S G S P A A N V P I L L Y K E A S S S W T L I A E G S T L T T H V L D T A L G K P A E G L R I D L F R L D G E E R Q L I R T V R T	
UniRef90_C3MG81	LITTHVLDTALGKPAEGLKI DLFRLDGE ERQLI RTVRT	

QUERY UniRef90_UPI0002653713 UniRef90_G5APG7	50 SESGELHGLTTEEQFVEGIYKVEIDTKSYWKALGISPFHENSDGRCPGLLTMEQFIPGLYKILFDTGSYFKANNLKGFYPDADGRCPGLLRPGQMKPGTYKLSFDTEGYWKKMGQESFYPNQDGRCPGLLTQETFHNGWYKIHFDTGTYHKALDTPGFYPNQDGRCPGLLTQETFHNGWYKIHFDTGTYHKALDTPGFYP
UniRef90_D1LXG7 UniRef90_UPI000328D61B UniRef90_F7EG90 UniRef90_E9FRK0	NQDGRCPGLLTQETFHNGVYKIHFDTGTYHKALDTPGFYPDLDGRCAGLLAAGQMRAGTYKLSFDTQSYWSKRGQESFYPNADGRCPGLLTPDQMKAGTYKLFFDTEGYWNKMGQTSFYPNEDGRLTGLTSKEGFTPGMYKMYFDTSSYFKDMNI
UniRef90_G4Z7Q0 UniRef90_Q08MJ9 UniRef90_F8CMJ1	N A D G R V R A S H L V P E A F E A G A Y R M V F Y I Q E Y F E R N G V E F F Y P N S D G R V R D F P A G T R L E P G T Y R M T F H T G E Y F R A N S L K G F Y P N D D G R V R D F P A G S R V F P G L Y R M A F D T G A Y F R A L G V R G F Y P
UniRef90_UPI0003F0A4DC UniRef90_UPI00046B1D73 UniRef90_I3JE44 UniRef90_H3BW30	DTDGRCPGLLEPGQMRAGVYKLTFDTEAYWRRKGQESFYPDPDGRCPGLLAPGQMKAGTYKLSFDTEGYWRKRGQESFYPNDDGRCPGLIAKESFTSGVYKMHFETAQYWASLGETCFYPNEDGRCPGLITSQMFTSGVYKLHFDTAQYWESMGQTSFYPNEDGRCPGLITSQMFTSGVYKLHFDTAQYWESMGQTSFYP
UniRef90_M3XGG2 UniRef90_W5M0G9 UniRef90_Q06S87 UniRef90_V9L3K9	NEDGRCPGLITSQMFTSGVYKIHFDTAQYWESMGQTSFYPNSDGRCLGLLTIDQFSAGTYKMRFETADYWKGLGQTSFYPNDDGRCPGLITRDAFLSGMYKMRFETGQYWAGLGETGFYPNDDGRCPGLITKENFLAGVYKMRFETGKYWDALGETCFYPNSDGRCPGLITKENFLAGVYKMRFETGKYWDALGETCFYPNSDGRCPGLLTPQTFSAGTYKLRFETAAYWQGLGHTSFYPNEDGRCQPLLAAGEARAGTYKLRFETAAYWQGLGHTSFYP
UniRef90_UPI0003992067 UniRef90_R4YV21 UniRef90_UPI000477AB03	NKDGRI VDWMEGQQREAGIIYRI EFAIDPYFEKQGKSCFFP NDDGRI TDWLEGQTRI AGTYRI WFDTDAYYAGKNER <mark>C</mark> FYP
UniRef90_N6VX92 UniRef90_W5UMK2 UniRef90_C1BQF6 UniRef90_UPI0002C46E09	DDDGRL GQWFEGPLASGLYRLTFATGAYFEAQGKPCFYPNNDGRCPGLITREAFSPGTYKMRFETGQYWEGLGETCFYPNQDGRVSGFLGWENFQKGLYKLKFDVKGYFEKTKTESFFPNADSCCPRLLEPGQMKGGTYKLFFDTQGYWKKRGQESFYP
UniRef90_R4WKQ3 UniRef90_A5D8P9 UniRef90_UPI0003827F9E UniRef90_G4T733	NTDGRCQDLTSRGSIPSGLYKLQFQTQQYFERRNTSSFFPNEDGRCPGLLRGEALCAGTYQLCFDTGDYWKQMHKESFYPNEDGRCDPLLSGETMTTGLYELRFHTGEYLGAEGSNPFLDDADGRCTTLLPPQTLMAGTYKMHFATKSYFESTGRETFFP
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UniRef90_UPI00047DBFC6 UniRef90_UPI00047DBFC6 UniRef90_UPI00035F9E29 UniRef90_UPI00035F9E29 UniRef90_WABUU0 UniRef90_WABUU0 UniRef90_W4Q2D4 UniRef90_UPI0004723B94 UniRef90_UPI0004723B94 UniRef90_UPI0004723B94 UniRef90_UPI0003751A4B UniRef90_UPI0003751A4B UniRef90_E1SDE8 UniRef90_H0VV26 UNIREF90_H0VV26 UNIREF90_H0VV26 UNIREF90_H0VV26 UNIREF90_H0VV26 UNIREF90_H0VV26 UNIREF90_H0VV26 UNIREF GI A D A A A H Y H V P L L IS P Y G Y S T Y UPI D G A V D H Y H I P L L IS P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L L S P G G Y S T Y UPI R F G I S D T T A H Y H V P L L L S P G G Y S T Y UPI R F G I S D T T A H Y H V P L L L S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L L S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L L S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R F G I S D T T A H Y H V P L L V S P Y G Y S T Y UPI R T T T N E T Q E I H V P L L L S P F S Y S T Y T T Y UPI R T T N E T Q E I H V P L L L S P F S Y S T Y T T Y UPI R T T N E T Q E I H V P L L L S P F S Y S T Y T T Y T T Y T T T N E T Q E I H V P L L L S P F S Y S T Y T T Y T T T N E T Q E I H V P L L L S P F S Y S T Y T T Y T T T N E T Q E I H V P L L L S P F S Y S T Y T T Y T T T N E T Q E I H V P L L L S P F S Y S T Y T T Y T T T N E T Q E I H V P L L L S P F S Y S T Y T T Y T T T N E T Q E I H V P L L L S P T S T T T T T T T T T T T T T T T T	UniRef90	_R5VUE2	FI EV V FEI KD A SORHY HVP TLISPY GYSTY
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UniRef90_A0A059IJ42 UniRef90_UPI000366608C UniRef90_UPI00046FADC7	LTTH LTTH PLSVH	V L D T Q T G L P S À G W A V R L E Q L G P A G W W T L A T A T V L D T A R G R P A Q G L E I T L F R L G G A G P E K I A A A V L D T A H G R P G A G I R V E L F S L D G D A R R R L A T V L L N Q Q T G L P S A G V A V T L E H K E G D R W S L S S G V	V T V T
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UniRef90_UPI000375421E	IV VISII IR F GII IS F P F G H Y HIVIPII VIA T P W S S A T	Y
UniRef90_K3WC78 UniRef90_X0S2Z9	NVVI SFLIK RTDQHYHVPLLINPFGYST QVVI DFMLSDNG HYHVPLLLSAHGYST	·Y
UniRef90 D6WHM5	FILEV VIFDCR AIVITENY HIVIPIVILISPY GYST	· Y
UniRef90_C8S177 UniRef90_Q0BSR1	QI PVRFGVT DPGA HHHVPL L SAFGYST	· Y
UniRef90_M5XKG8	YVSIVFEIRESKWEHFHVPLLLSPFSFTT	Ý
UniRef90_E2AIC6 UniRef90_C1AW85	TVRLAVGLSDPSA HYHVPLLVSPWGYTT YVSI VFEI RESKWEHFHVPLLLSPFSFTT FVEI VFDVKNPNG HYHMPLLLSPFGYST DI TI TFALTDS EQHYHVPVLLSPFAYST VVPI AFGMAQGAGGHYHVPLLVSPYGFST	Y
UniRef90_W5Y5T5	VVPI AFGMAQGAGGHYHVPLLVSPYGFST	Ϋ́
UniRef90_UPI00042B6C18 UniRef90 D8MSQ1	V V I A F G M A Q G A G G F Y F V V P L L L S P F S F T T B Y V S I V F E I K E S Q K E H F H V P L L L S Q Y G Y S T E I P V L F H V E N G G H Y H I P L L L S Q Y G Y S T D I V I A F G I D R D D Q H Y H V P L L L S A Y G Y S T Q V V I D F V V N D A S H Y H V P L L L S A H G Y S T H A D V V F T A N D V G Y R H Y S I T T V L S P F S Y S T	Y
UniRef90_D5BTM7	DI VI A F GI DRDDQHYHVPLLLSAYGYST	· Y
UniRef90_X0RM40	QVVIDFVVNDAS HYHVPLLLSAHGYST	· Y
UniRef90_G1NDK1 UniRef90_A0A017HL52		I
UniRef90_UPI00037FCA05		Ý
UniRef90_D5RJ18 UniRef90_UPI0003B50171	SV LVNFTV EPGQKHYHVPLLCPWSYST SV LVNFTV EPGQKHYHIPLLLSPFAYST	Y · Y
UniRef90_UPI0003F50403	FI EV VF EI KDEN "HYHVPI TLSAYGYST	Ý
UniRef90_B9XKY5 UniRef90_F4P3H7	FIEVVFEIKDEN HYHVPITLSAYGYST KVPVRFGISDAGAS YHVPLLTSPWAYST SAQVIFEISNPPQNHYHIPLLISNFSYST	Y
UniRef90_Q1WMT8	WIVIELLIPETILLOND OF HYHILIPILLISPESELL	Υ
UniRef90_K6W3U5	EI DI CFEVTDP DRHYHVPVLLSPYSYST YVEI VFTI TNPNER FHLPLLLSRFSYST	Y
UniRef90_B5X6U3 UniRef90_Q21882	YIVIFIV VIF NII IR DAT OHYHIVIPII ITII IS PWGYST	·Ϋ́
UniRef90_N9MD39	KVVI YFQI KEAT QHYHI PLLI SPFAYST KASI DFIVN STRHYHVPL L SPFGYST	· Y
UniRef90_F4Q6Y3 UniRef90_UPI0003B707B0	EVQIVEELADTAA HYHVPLLLSPFAYST	·Y
UniRef90_A0A016U9U7	FIVIEII I IF KIVINDAT QHYHII IPII TILISPFAYST	· Y
UniRef90_F0ZD80 UniRef90_L9ZIN5	KATILIDEILVINGE RHYHIVIPILLLISPESYST	· Y
UniRef90_D5G8H5	Y V E V V F T V K E I N	Ý
UniRef90_UPI00046E9590 UniRef90 D6XY46	C EVRI DFGMSDAG HYHVPLLVSPFGYST EVPI RFTVDDAT RHYHVPLLVTPYSYTT	Y
UniRef90_K9XNA5	RII IPIL IQ F GII IA D T T A H Y HIVIPIL L VIS P W S Y S T	·Ϋ́
UniRef90_G7UNA6 UniRef90_Q6CTL2	QI PLEFGLT AQGHYHVPLLVSPFGYST FVDIVFEVSDT RHYHIPLLLSNYGYST	Y
UniRef90_UPI0003639CAE	E	·
UniRef90_R5S4Q0 UniRef90_A3UQN9	FVEVIFRI EGKKHYHIPITMSANGYST DVVIRFGLDDP EAHYHVPLLVSPYSFST	Y
UniRef90_UPI0003832CCE	3	TAVVS
UniRef90_U6C7B8	TAFIV VIFFAHAFGHRHYTII IAII II ISPFSYTT	TAIVVI
UniRef90_D3Q643 UniRef90_W5UJK8	EVI VSFTVTDPDA HHHVPLLLSPFAYST VAEVVFEAHAEGHRHYTLALLLSPFSYTT	I A IV V I
UniRef90_W5UJK8 UniRef90_A3YBQ6 UniRef90_U4URG3	DVVLRFGINDESS HYHVPVLVSPYSYST	· Y
UniRef90_040RG3 UniRef90_Q0FDI6	II VIPII IK F G M S E NILI H Y HIVIPIL L LISPY G Y S I	· Y
UniRef90_I9CC75	II VIAII ID F GIVIA D A D G H Y HIVIPIL L VIS P F G Y S T	· Y
UniRef90_UPI000376A852 UniRef90_UPI0001745B8A	EVTIAFĞVADA EQNY <mark>H</mark> VPLVVSPWÄYST LVPVRFGV <u>E</u> SPP <u>A</u> A Y <mark>H</mark> VPLLVGPWSYST	
UniRef90_A0A058ZMH9		Y
UniRef90_W1S3H4 UniRef90_N1MI30	I I V L D F G I A D E A H Y H I P L L V S P Y S Y S I	·Y
UniRef90_C1E773	KVAI HFEVADQVKEHYHVPLLLNPYGYST	Ý
UniRef90_D6Y9D1 UniRef90_R1IKN7	DIV V I R F GILD D F K A H Y H V P I I V S P F S F S T	· Y
UniRef90_V0E519	EIPVIIHVPKAG EHYHVPLLLSQYGYST	Ý
UniRef90_A1VJ51 UniRef90_UPI00036F503D	TVPVDFGIADA QGHYHVPLLVSPWTYST QIPIRFSV NSRVEHYHVPLLLSPFGYST DLIPIAFGIAEPG HYHVPLLLSPYGYST	·Ϋ́
UniRef90_UPI0003A1D310		Ý
UniRef90_UPI00047BBFE8 UniRef90_R0M3P3	B RVSIEFMVT ALDRHYHVPLLISPFSYST YADVVFTANDSGHRHYTIAALLSPFSYST	TAVVS
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UniRef90_N9EV25 UniRef90_V4NT35	KVVI DESVNDEN QHYHI PLLI SPFAYST RVGI DEGMSGAG HYHVPLLVSPYGYST	Y Y
UniRef90_A0A010Q494	RVGI DFGMSGAG HYHVPLLVSPYGYST QVSLAFSV EAAAEHYHVPLLLSPFGYTT	Ý
UniRef90_A6VYU3 UniRef90_UPI000315F682	TIVVIREGINDENA HYHIPLLVISPYSYST	Y
UniRef90_L8I7X0	FAEV VFTANDSGPRHYTI AALLSPYSYST	TALVS
UniRef90_X4ZHW2 UniRef90_D4GPU6	FAEVVFTANDSGPRHYTIAALLSPYSYSTLIPIRFHIGGEGG HYHVPLLLAPGGYSTTVPVRFVVDDAN EHYHVPLLLSPGSYTTLIPIRFSMTQAV HYHVPLLLSPYGYTTNIPIRFGIANPTVA YHVPLLVSPWSYST	Y
UniRef90_A6DVK7	LI PI R F S M T Q A V H Y H V P L L L S P Y G Y T T	Ϋ́
UniRef90_UPI0004157222	LIPIRFSMTQAV HYHVPLLLSPYGYTT NIPIRFGIANPTVA YHVPLLUSPWSYST EVAITFAVTEE RHHHVPLLUSPFAFST DIVIRFGVSDAT KHFHVPLLVSPYCYST RVSIDFKVVDL QQHYHVPLLISPFSYST	· Y
UniRef90_Q5YNZ6 UniRef90_UPI0002E876C9	DIVIREGUSDAT KHEHVPLLVSPY <mark>C</mark> YST	· Y
UniRef90_N9RRS9	RVSI DFKVVDE QQHYHVPL LISPFSYST	· Y
UniRef90_L8GXR9 UniRef90_U5EEJ8	YVEIVFQV ETGQHYHVPLLLSAHGYST EVCVAFTV AGQSHLHVPLLLSPFAYST	. Y
UniRef90_UPI00036E6283	P DI VIRFGVSDAT KHFHVPLLVSPYCYST RVSIDFKVVDL QQHYHVPLLISPFSYST YVEIVFQV ETGQHYHVPLLLSAHGYST EVCVAFTV AGQSHLHVPLLLSPFAYST KVTLDFGIAHA DQHYHVPLLVSPFSFWSYST	· Y
UniRef90_H0A4T7 UniRef90_W1PNL1	V V T L N V G L A E G Q G H Y H V P L L C S P W S Y S T Y V S I V F E I K E T Q L E H F H V P L L L S P Y S F S T	· Y
UniRef90_E6QJZ5	FAEVVIFTANDSGPRHYTI AALL SPYSYST LIPIRFHI GGEGG HYHVPLL LAPGGYST TVPVRFVVDDAN HYHVPLL LSPYGYTT LIPIRFSMTQAV HYHVPLL LSPYGYTT NIPIRFGI ANPTVA YHVPLL LSPFAFST EVAITFAVTEE RHHHVPLL LSPFAFST EVAITFAVTEE RHHHVPLL LSPFAFST RVSI DFKVVDI QQHYHVPLL LSPFAYST RVSI DFKVVDI QQHYHVPLL LSPFAYST YVEI VFQV ETGQHYHVPLL LSPFAYST YVEI VFQV EQGHYHVPLL LSPFAYST KVTLDFGI AHA DQHYHVPLL LSPFAYST VTLNVGLAE GQGHYHVPLL LSPFSFAT FVEI VFI DNPPDHHYHIPLL LSPFSFAT	Ϋ́
UniRef90_M3J2Z5 UniRef90_B9SKJ6	EI YI VANIR AEQHYHLPLLISDNSYTT FVEI I FI I DNPPDHHYHI PLLISNFSYST YVSI VFELRESNTEHFHVPLLISPFSFAT	Y Y
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T	UniRef90_UPI0003820D27	SSVTTHILLDTALLGQPARGII ALLRILER DA <mark>C</mark> GDWDML ATGU	L∐T T T
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TITLE		LITTHVLDTSNGTPAANMGVSLFRITTSSD REFILITTVI	
I T T H V L D T S R G W P A S G V R I L E L Y T L K G D G S X T K I W E S S G V S I L R I L Y L K G S G G V W S L MA T S A T T M T M T M T M T M T M T M T M T M	UniRef90_E8UXZ8	I STHVLDTASGRPAVGMGVELE LNQDGEWLTLNAA	
I T T H V L D T S R G W P A S G V R I L E L Y T L K G D G S X T K I W E S S G V S I L R I L Y L K G S G G V W S L MA T S A T T M T M T M T M T M T M T M T M T M	UniRef90_K90D45 UniRef90_K4AXY6	PILIT T HIV L D T S R G Y P A N GII E V R L E M W K D N Q A WI L L IG S S	
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I T T H V L D T S R G W P A S G V R I L E L Y T L K G D G S X T K I W E S S G V S I L R I L Y L K G S G G V W S L MA T S A T T M T M T M T M T M T M T M T M T M		TILIS VIHILLIN Q Q T GILIP S P GIVIT VITILLE Q Q Q Q S G WT TILIA S G I	
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Interest	UniRef90_A0A022RSF0	PITTHILDEARGTPAAGIEVRLEKWGPSANWISEGSS	Ϋ́Ţ
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Interest	UniRef90_X5LK47	V S T HV L D A V S G R P A A G V P V S L A D A A G V V L A E A I	
Interest	UniRef90_A0A009ZSK7	I S T HI L D T H L G K P A P Q V E V R L Y D A K T R N L L G N G Y	ΥT
Janker J	UniRef90_L8MCN6 UniRef90_I0YZW2	L T T HV L D T A H G C P G V G II A II A L W K L N I N D S K L L L K S M L S P I T T H M L D T S L G K P A A G V G V Q I H R R C P G S T W O F V V Q G	V T T T
Jinkef90_A0A024 9D1	UniRef90_A1WR33	LSTHVLDTMHGCPAAGMALALYATDGAAA TLLKRL	V L
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JniRef90_K0F902 STLSTHVLDAVRGTPAAGVTVTLYGAAG JniRef90_D6ZEL4 TLSSHVLDTATGAPARGLRVELL DARRVVLAQATT JniRef90_W1QAY8 PLTCHLLDTTLGQPAANVECDIRVL KDTFQHFATART	UniRef90_C5CVN6	L S T H V L D T MH G G P A A G M E V A L Y T T Q G D D A T L V K R F	I L
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UniRef90_G0HH14 UniRef90_V2T5T9 UniRef90_UPI00035D229B UniRef90_UPI000468D587	VQVTNLETGGPATQMNVELEVIDPIVLESA VSTHILDTSVGRPAAGVAVGLSVRTGDGGWTAHAAS LTTHVLNQAEGIIAGSGIHIIVLEQLAADGSCHEIIARS	T T A T V T
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UniRef90_F2PX84 UniRef90_V9DDP4 UniRef90_C5CZY2 UniRef90_I9A304	PITCHVLNTYTGRPGAGILGVLTRPTSTTNKQPMFTA SPITCHVLNTYTGRPGAGILGVLTRPTSTTNKQPMFTA SPITCHVLNTLSGTPASGLKALSSNSSSKTQPAVAFTA ISTHVLDLTNGRPLAGLQVELYDM ATHPPTRLNNT LSTHVLDTAQGRPAAGVPVRLERGEPGTGWTVVTEA PITCHVLDTTTGRPAANLSVKLSCCDLQS SPVTCHVLDSTLGKPAANVNVRLEVIDGS SFMTLASG CHILDTTLGRPAPSIPVTLTLHNPSSTTSLKFTS STVSTHILDTSVGRPATGVVVRLSARFGDD WREVGAS PITCHVLNTLTGTPANAVT	T T S T R T V T
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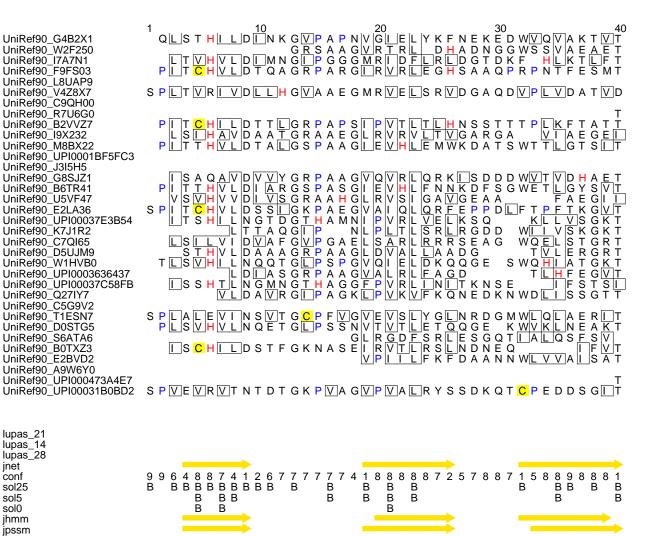
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                                                  E I A L R F S V F Q D E R S Y H L P V I I N P H S Y S T F V D I T F V V S S L L K R Y A F P V L L D E Y G Y G T Y L G V R A I V E F R V T D A H K D L Q L A L F I S P H S F C T E V L V D G S Q P H Y H L A L L L S P F A Y T T Y
                                                 EVVLRFSMPSKNAR YHMPVILSPNSYST
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                                                                                                                           ВВВ
jpssm
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90

100

110

lupas_21 lupas_14 lupas_28 inet conf sol25 sol5 sol0 jhmm

8 8 8 8 8 9 8 6 3 7 8 8 8 6 1 6 8 8 8 8 1 3 7 8 8 7 4 1 5 7 4 2 4