	1 10 20 30 40
QUERY UniRef90 H6BNY4	T PLVHVA SVEK GRSYEDFQKVYN A I ALKLREDDEYDNY I G PEVHLKSGSAGQSKEDYQKVYN A VAKAL WEHDEYED GS T QEDYVKI YN EVAKRL VEFDEYDD GS KDYQAVYDEVARKLADETDYDD GS A A NVKVAKIPDGKTQADYQKVYN DI ATKI A ENLEFDHNSG
UniRef90_G1X9E1	T Q E D Y V K I Y N E V A K R L V E F D E Y D D G S
UniRef90_A0A017S7U6 UniRef90_M3ITF1	KDYQAVIYDEVIARKILIADETDYDD GS
UniPof00_UDI0004561676	
UniRef90_F0XH62 UniRef90_D8QBR0 UniRef90_U5H8L1 UniRef90_J3PQ78 UniRef90_S2JAJ4 UniRef90_F4NWR7 UniRef90_S3E3G4	A S E G D Y Q A V Y N A I A E K L E S N P D Y D D G S S V S T K V T T P G P K E Y Q A V Y N E I A K L L Q E K D E Y D D G S A K V A T N F V P S K E D Y Q K V Y N R I A E L L D E A E D Y D D G S
UniRef90_U5H8L1	AKVATNFVP SKEDYQKVYNRI AELLDEAEDYDD GS DYQKVYDAI AQVLEAEDY DDGS TPKSANSNLNFQAVYNDI AALLEDSNY DDGS
UniRef90_S2JAJ4	LSTPAVSKTEKKKDYQQVYNDI AEMLDEDSDYDD GS
UniRef90_F4NWR7 UniRef90_S3F3G4	S S K F A Q K P L D Y Q A V Y N A II A E V M D E N D Y D D G S D F E A V R Q D I T K L L H Q P E Y D D G S
UniRef90_C5Z469	AHAQLSTTFYASS <mark>C</mark> PNLQSI VRRAMIQALSNDQ R
UniRef90_A6RG92	A P S G K T K P D Y D K V R S A I E D L L E S N P D Y D D G S D F D A V R K D I _ A E M K K P G Y D D G S
UniRef90_UPI00042B4249	NAQLISTNYYSKT <mark>C</mark> P KILIFPTVKSTVHSAILM KEAR
UniRef90_F9G8U7	DFEAIRKSI I DLLRQPDY DDGS
UniRef90_Q9XIV9 UniRef90_V4KRP2	TSSAQLSTGFYSKSCP KLIYQTIVKSAVQSAL NKETR TSSAQLNATFYSGTCPNASAVRSTI QQALQSD PR
UniRef90_A0A059ADL1	SATLQVG FYRST CPSAESVVRKAVNK AVAKNSG
UniRef90_UPI0002B48494	NGQLSSGFYSKS <mark>C</mark> PRLESL VRAGMTKAV NKEKR
UniRef90_B9HL06 UniRef90_M0S889	A QILIS P A F Y D S S U P N A II IS A II IR T A II IR S A II A S D R R P M L L S R G G S Y G L S P T F Y D W T C P S L IR S II V IR S A Q A IV IG O D P T
UniRef90_B9GT82	PVVQGLSWTFYQSSCPKVESLIRKQLEFKKELG
UniRef90_W9XJV9	SATNIPPTPSSPQLAEVSAAI VKLLKQPGY DDGS
UniRef90_G/J2Y6 UniRef90_C5YYA1	A S A S E A D A K K K L S K D F Y U S S C P E L L S U V N Q G V A L K K E T R T A G A A L S S A F Y D Q S C P G A Y G V R R V Q A A R V S D P R L P
UniRef90_S3CAJ1	PAPPT DSQLEAVREDI LALLKQPDY DDGS
UniRef90_B9VSG0	PALVKGLS WT FYRKSCPGLEALVKKRUDFRQDUT
UniRef90_B9S775 UniRef90_M0SLK9	DFDAVRKDI I AEMKKPGY DDGS NAQLSTNYYSKTCP KLFPTVKSTVHSAIM KEAR KLFPGFYARSCPQAEEI VRSVVAK AVARETR DFEAII RKSI I DLL RQPDY DDGS SSSAQLSTGFYSKSCP KLYQTVKSAVQSAI NKETR TSSAQLNATFYSGTCPNASAVRSTI QQALQSD PR SATLQVG FYRSTCPSAESVVRKAVNK AVAKNSG ARLNANYYAKSCPQVEKI VQDVV NKEKR PMLLSRGGSYGLSPTFYDWTCPSLRSI VRSAQAVGQDPT PVVQGLSPAFYDSSCPN AISAIRTAIRSAVDSAVS ASAQLSTFYSSSCP KALATIKSAVDSAVS ASAQLSTFYSSSCP KALATIKSAVDSAVS ASAQLSTFYSSSCP KALATIKSAVDSAVS ASAQLSTFYSSSCP KALATIKSAVDSAVS ASAQLSTFYSSSCP KALATIKSAVDSAVS ASAGAALSSAFYDQSCPGAYGIVRRVIQAARVSDPRIP PAPPTDSQLEAVREDILALKQPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS PAPPTDSQLEAVREDILALLKQPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS PAPPTDSQLEAVREDILALLKQPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS PAPPTDSQLEAVREDILALLKQPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS PAPPTDSQLEAVREDILALLKQPDY DDGS PAPPTDSQLEAVREDILALLKQPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS STSKVPKKEDYQAVYNEIAKILENPDY DDGS PALVKGLSWTFYRKSCPGLEAIVKKRIDFRQDIT
UniRef90_K3ZV96	QLSPTFYASSCP AALVTIKTAVRAAVLLDRRT FYDHSCPRAQELVKYVVAK
UniRef90_UPI0002B45AD5 UniRef90_I1JL02	SAFSQLSPNYYDYS <mark>C</mark> P SALSTIKSVVEASVQ KERR
UniRef90_W9QU60 UniRef90_B9SWU3	ASAQLISSNEYSSSCPNALISII VIKSAIVIKTAIVIS NEAR SASILISIVIGEYRSSCPSAEAII VIRRAIVINKIL VIS RNPG
UniRef90_K4ASJ6 UniRef90_A0A059DIB3	ASNAQLSATFYATTCPNVTEI VRGVMQQAQSTD VR
UniRef90_G7K821	T PLVQLY Y N F Y N R T C P N L N K L V K D L L S A I A N D S R
UniRef90_V7CFB3 UniRef90_M0RM11	A A H G QL S P T F Y A G S C P NL E S I V S S A M S Q A V A T E N R
UniRef90_K3ZJ91 UniRef90_I1LVP1	F Y D H S C P R A Q E V K Y V V A K A F A K E A R S A F S Q L S P N Y Y D Y S C P S A L S T I K S V V E A S V Q K E R R A S A Q L S S N F Y S S S C P N A L S I S A S L S V G F Y R S S C P S A E A I V R R A V N K L V S R N P G A S N A Q L S A T F Y A T T C P N V T E I N A E L T A D F Y A K T C P D V S S I V Q T V I H E A L Q Y D P R L T T P L V Q L Y Y N F Y A K T C P N L N K I V K D I S A Q L S P T F Y A G S C P N L E S T V S A M S Q A V A T E N R A A H G Q L S P T F Y A G S C P N L E S T V S S A M S Q A V A T E N R Q L S T G F Y S S S C P G V Y S A V K S V V Q S A I D K E K S A Q L S R V F Y R N T C P N V E Q V R S S V A Q K F Q Q T F V S Q A S P D K Y T E V R E D I A K A F P N E D Y S S K G L S P N Y Y D Y V C P T I K R V V E A A V Y N E R R F Y S K S C P N A E P I L R K V V Q K A V A D N P R
UniRef90_S2J0H4	SQASPDKYTEVREDIAKAFPNEDY DDGS
UniRef90_B9HDA0 UniRef90_Q5K4K5	S S K G L S P N Y Y D Y V C P I I K R V V E A A V Y N E R R F Y S K S C P N A E P I I R K V V Q K A V A D N P R
UniRef90_B9SES8 UniRef90_C5Z0N8	QLSTGFYSSSCP GVYSAVKSVVQSAIDKEK R SAQLSRVFYRNTCPNVEQVRSSVAQKFQQTFV SQASPDKYTEVREDI AKAFPNEDY DDGS SSKGLSPNYYDYVCPTI KRVVEAAVY NERR FYSKSCPNAEPI I RKVVQK AVADNPR QLRNGFYSSSCPQAESI VRSTVQSHFQKDPTI FYNKTCPSAESI VQQTVAA AFGNSSG MASVKEG DYQALKEEIKKI MKQPGY DDGS
UniRef90_C520N6 UniRef90_P0CP57	
UniRef90_UPI0002C343D6 UniRef90_P27337	
UniRef90_R0FFJ1 UniRef90_I1PSQ3	A QILIS P S F Y D K T C P Q F D I A T K T I V K A L R S D P R A A I LIS V S A A A V G A C I D F Y D T T C P T A F T I L O O V V A A A N D S G
UniRef90_G7KH18	SANANLSKDYYYSS <mark>C</mark> P KLEETVKCEVQSALS KETR
UniRef90_M0XL59 UniRef90_G7IJT4	FYSKSUPSAENIL VIQQAIVIAA AFKNNTG SSNAQLDPYFYGKT <mark>C</mark> PKLHSI AFKVLRKVAKTDPR
UniRef90_A9UWF4 UniRef90_W1P4L3	DWQSVRADIEEALDNNDDGQAP FYDKS <mark>C</mark> PKAPFIVKSVVAK AVARFAR
UniRef90_D7TPP0	A A S A Q L S P T F Y D T S C P R L A T L K S G V M A A V T S D P R A Q L S P S F Y D K T C P Q F D L A T L K S G V M A A V T S D P R A A L I S V S A A A V G A C L D F Y D T T C P T A E T L I Q Q V V A A A N D S G S A N A N L S K D Y Y Y S S C P K L F E T V K C E V Q S A L S K E T R F Y S K S C P S A E N L V Q Q A V A A A F K N N T G S S N A Q L D P Y F Y G K T C P K L H S I A F K V L R K V A K T D P R D W Q S V R A D I E E A L D N N D L D G Q A P F Y D K S C P K A P E I V K S V V A K A F K A Q A V K F H T K A D Y F K V Y K D L A D S L F K F
UniRef90_J4UEF4 UniRef90_K3XJT3	LIFPQFYDHS <mark>C</mark> PK <u>A</u> KEII VQSI VA QAVAKETR
UniRef90_UPI0002C37311 UniRef90_V4U4D0	QLNYKFYDSS <mark>C</mark> PNLTKI VQQGV WSAI ANDSR LLHLANADHGLKLGFYQK <u>TC</u> PDAEA <u>LT</u> RKHQHLS <u>R</u> APT
UniRef90_A0A022QC06 UniRef90_F6HG25	FYKKT CPSAEALVKKETASI MAVAPT
UniRef90_M0WUS0	A ELKUGFYQYT <mark>C</mark> PYAEVIVRDEMARLISHV
UniRef90_K3Y878 UniRef90_C9WF06	FYDRICPSAETIVVIQQTIVIAA AFRNNSG SAQLRQNFYANSCSNVIEAII VIRGEIVIAK KFSQTFIVI
UniRef90_K3Y8E5 UniRef90_G8XWY6	FYQYTCPNAEAI VRDEMTKIISQV PS
UniRef90_G6XW16 UniRef90_K7MB32	NAKLEPCFYKKTCPQVHFIVFKVVEKVSRTD PR
UniRef90_Q43791 UniRef90_K3YIH4	A QLISPIFYSKI CPT V SS I VISN VLITN V SKTD PR YRYSCPN L ES V RAE V ARK NET VV T
UniRef90_A9P263 UniRef90_UPI0002B45BD8	PLSSLIPHYYAKSCPRAEQII VASVVQK AVMKETR
UniRef90_C5XYY9	QLNYKFYDSSCPNLIKIVQQGV WSAIANDSR LHLANADHGLKLGFYQKTCPDAEALTRKHQHLSRAPT FYKKTCPSAEALVKKETASI MAVJAPT AQLSSSFYDNTCP KALSTIRTATRKAVSR ERR AELKVGFYQYTCPYAEVIVRDEMARIISHV PS SYDRTCPSAETIVVQQTVAA AFRNNSG SAQLRQNFYANSCSNVEALVRGEVAK KFSQTFV TALGQLSANFYATSCPNFSSI ISSAVNSAVS NEAR NAKLEPCFYKKTCPQVHFIVFKVVEKVSRTD PR AQLSPTFYSKTCPTVSSIVSNVLTNVSKTD PR YRYSCPNLESVRAEVARKINETVVTI PLSSLIPHYYAKSCPRAEQIVASVVQK AVMKETR FYKSSCPHAETIIKNAV NQALSQNPG QLTPTFYALSCP ALETIIKNAV NQALSQNPG QLTPTFYKSSCPHAETIIKNAV NQALSQNPG QLTPTFYKSCPFAEAL VRSTVT TTTAQLKPNFYGKSCPNVSKVRREVKKALT NEMR TYVFSCPFAEAL VRSTVT ELTTDFYKSSCPNVEALVKVRREVKKALT NEMR YVFSCPNVEALVKVRREVKKALT NEMR YVFSCPNVEALVKVRREVKKALT NEMR TTTAQLKPNFYGKSCPNVSKVRREVKKALT NEMR YVFSCPNVEALVKVRREVKKALT NEMR YVFSCPNVEALVKVRREVKKALT NEMR TYTTAQLKPNFYGKSCPNVSKVRREVKKALT NEMR YVFSCPNVEALVKVRAETIVR DFVKDARR AFGRNPG AKLSPDHYRRTCPRVESVRSAVARK NATFV
UniRef90_W8PVX4 UniRef90_I1MSF0	Y V F S C P F A E A I V R S T V T P T F T E L T T D F Y K S S C P N V S K V R R E V K K A L T N E M R
UniRef90_M4F9T5 UniRef90_I1I6C5	TTTAQLKPNFYGKSCPNVEALVKKVVQQKVKETFV
UniRef90_M0ZAA4	PSKSLEVGFYKHTCPQAEDLVRDAVRR AFGRNPG
UniRef90_W5F9K5 UniRef90_J3M3R2	A K L S P D H Y K K I C P R V L E S V R S A IV A R K V R A T F V L Y N N S C P G A E D L T Q T II V L H G A L R N D A G
UniRef90_A0A059DJ19	NAQLIANFYAKI <mark>C</mark> PSVSSIVQTVIQEALQSD PR
UniRef90_UPI0002BCB2D8 UniRef90_P93547	PVPGLSYTFYSSSCPGLDFLIRGWQIFQSDLT
JniRef90_UPI00042B90A6	YRDT <mark>C</mark> SL <u>V</u> ELVKEEVTKA FLKENG

QUERY	Y G P V L V R L A WH T S G T W D K H D N T G G S Y G G T Y R F K K E F N D P S
UniRef90_H6BNY4	Y G P V V L R L A WH A S G T Y D A A T G T G G S N G A T M R F S P E A D H G A
UniRef90_G1X9E1 UniRef90_A0A017S7U6	Y G P V V L R L A WHAS G T Y D K E T G T G G S N G A T M R F Q P E S D H G A
UniRef90_M3ITF1 UniRef90_UPI0004561676	Y Y G Q L L R L A WHVS G T Y D K S D N S G G S Y G G T Q L F A P E E F D P E
UniRef90_F0XH62	Y G P V L L R L A WHASGTY D KAT GT G G S N G A T M R F A P E S Q H D A
UniRef90_D8QBR0 UniRef90_U5H8L1	Y G P V V L R L A WH S S G T Y D K D T N T G G S N Y A T M R F E P E A L H G A
UniRef90_J3PQ78	Y A P V L V R L A WH A S G T Y D K E S K T G G S N G A S M R F A P E S N H G A
UniRef90_S2JAJ4 UniRef90_F4NWR7	Y G P V L V R L A W H A S G T Y D K E T K T G G S N G A T M R F A P E S K H A A Y G P V L L R L A W H A S G T Y D K N T G T G G S N G A T M R F N P E S A H G A
UniRef90_S3E3G4	A G P V L V R L A WH S A G T Y D A E T D T G G S N G A G M R Y E A E G G D P A
UniRef90_C5Z469 UniRef90_A0A059LRR8	Y G P L L V R L A WH T S G T W D K N K K T G G S N G A T M R F S P E S N W G A
UniRef90_A6RG92 UniRef90_UPI00042B4249	Y G P V L V R L A WH T S G T W D K H D N T G G S Y G G T Y R F K K E F N D P S Y G P V V L R L A WH A S G T Y D A A T G T G G S N G A T M R F S P E A D H G A Y G P V L V R L A WH A S G T Y D V E T K T G G S N G A T M R F Q P E S D H G A Y G P V V L R L A WH A S G T Y D K E T G T G G S N G A T M R F A P E S D H G A Y G P V V L R L A W H A S G T Y D K S D N S G G S N G A T M R F A P E E F D P E Y G P V L V R L A W H A S G T Y D K N T N T G G S N G A T M R F A P E A N H G A Y G P V L L R L A W H A S G T Y D K D T N T G G S N G A T M R F A P E A N H G A Y G P V L V R L A W H A S G T Y D K D T N T G G S N G A T M R F A P E A N H G A Y G P V L V R L A W H A S G T Y D K D T N T G G S N G A T M R F A P E S A H G A Y G P V L V R L A W H A S G T Y D K E T K T G G S N G A T M R F A P E S K H A A Y G P V L V R L A W H A S G T Y D K E T K T G G S N G A T M R F A P E S K H A A Y G P V L V R L A W H A S G T Y D K E T K T G G S N G A T M R F N P E S A H G A A G P V L V R L A W H A S G T Y D K D T D T G G S N G A T M R F N P E S A H G A A G P V L V R L A W H S A G T Y D K N T G T G G S N G A T M R F N P E S N W G A A G P V L V R L A W H S A G T Y D K N T G T G G S N G A T M R F S P E S N W G A A G P V F V R L A W H S S G T Y D K E T D T G G S N G A T M R F S P E S N W G A A G P V F V R L A W H S S G T Y D K E T D T G G S N G A T M R F S P E S N W G A A G P V F V R L A W H S S G T Y D K E T D T G G S N G A T M R F S P E S N W G A A G P V F V R L A W H S S G T Y D K E T D T G G S N G A T M R F S P E S N W G A A G P V F V R L A W H S S G T Y D K E T D T G G S N G A T M R F S P E S N W G A A G P V F V R L A W H S S G T Y D K E T D T G G S N G A G M R Y E G E A G D P A M G A S L L R L F F H D C F V N G C D G S L L L D D T S S F T G E K N A A P
UniRef90_V4MAN6	MGASLLRL FFHDC FVNGCDGSLLLDDTSSFTGEKNAAP MAASLLRL HFHDC FVQGCDGSLLLDSSGGIVSEKSSNP AGPVLVRLAWHSSGTYDVETDTGGSNGAGMRYEAEGGDPA
UniRef90_F9G8U7 UniRef90_Q9XIV9	
UniRef90_V4KRP2 UniRef90_A0A059ADL1	I GASLIRLHEHDCFVNGCDGSILLDDSGSI QSEKNAAP LGAGLIRMHEHDC FVRGCDASILLDSTPGNPSEKEHPA
UniRef90_W1NWE4	<u>T</u> A A G M V R L F F H D C F V E G C D A S V L V R S T P F N K A E N D A D L
UniRef90_UPI0002B48494 UniRef90_B9HL06	I G A S I L R L F F H D C F V N G C D A S I L L D D T P T A R G E K N A F P M A A S L I R L H F H D C F V Q G C D A S I L L D E T L S I Q S E K T A L G
UniRef90_M0S889 UniRef90_B9GT82	
UniRef90_UPI0002C2E4D4	MGASLLRL HFHDC FVNGCDASVLLDDTANFTGEKTAGA
UniRef90_W9XJV9 UniRef90_G7J2Y6	A G P V L V R L A W H S A G T Y D V T T N T G G S N G A G M R Y E K E G G D P A L G A S L L R L H F H D C F V N G C D A S L L L D D T S S F I G E K T A A A
UniRef90_C5YYA1 UniRef90_S3CAJ1	MGASLLRLHFHDC FVNGCDASVLLDDTANFTGEKTAGAAGPVLVRLAWHSAGTYDVTTNTGGSNGAGMRYEKEGGDPALGASLLRLHFHDCFVNGCDASLLDDTSS FIGEKTAAAAASLIRLHFHDCFVNGCDGSLLLDDDLPALQTEKNVPAAGPVLVRLAWHSAGTYDKDTDTGGSNGAGMRYPYEGEDPAYAPVLIRLAWHSAGTYDKDTDTGGSNGATMRFPPEAKHSEQAAGILRLHFHDCFVQGCDASVL LDGSASGPSEQDAPPMAASLIRLHFHDCFVQGCDASVL LDGSASGPSEQDAPPMAASLIRLHFHDCFVQGCDASVL LDGSASGPSEQDAPP
UniRef90_M5E7S8	Y A P V L I R L A WH S S G T Y D K E S N T G G S N G A T M R F P P E A K H S E
UniRef90_B9VSG0 UniRef90_B9S775	Q A A G L R L H F H D C F V Q G C D A S V L
UniRef90_M0SLK9 UniRef90_K3ZV96	
UniRef90_UPI0002B45AD5	TAASL LRL HFHDC FVKGCDGSI LLDSSGTLASEKRSNP
UniRef90_I1JL02 UniRef90_W9QU60	MGASLLRLHFHDC FIVINGCDGSILLDS I SSI_DS EKNAAA MGASLLRLHFHDCFGCDA SILLDDTSTFTGEKNAGP
UniRef90_B9SWU3 UniRef90_K4ASJ6	LGAGLIRMHFHDC FVRGCDGSLLLDSTPGNPSEREHVA
UniRef90_A0A059DIB3	A S L L R L H F H D C F V Q G C D G S V L L D N S P T I K S E K D A A P
UniRef90_G7K821 UniRef90_V7CFB3	A G S L L R L H F H D C F V Q G C D A S V L L D D T G N F T G E K G A G P I A A S L L R L H F H D C F V N G C D G S I L L D S T S S I D S E K N A A A M G A S L L R L H F H D C F G C D A S V L L D D T S T F T G E K N A G P L G A G L I R M H F H D C F V N G C D G S V L L D N A A G I E S E K D A A S A S L L R L H F H D C F V Q G C D G S V L L D N S P T I K S E K D A A P I A A S L L R L H F H D C F V Q G C D G S V L L D D T D T L K G E K N A L P L A A S L L R L H F H D C F V L G C D A S V L L D D T D T L K G E K N A L P M G A S I L R L F F H D C F V D G C D G S V L D D T D T L K G E K N A L P M G A S I L R L F F H D C F V D G C D G S V L D D T D T D T S F O G E K N A I P M G A S I L R L F F H D C F V D G C D G S V L L D D T D T P S F O G E K M A T P
UniRef90_M0RM11 UniRef90_K3ZJ91	MGASI LRLFFHDC FVNGCDASVLLDDTATFTGEKNALP MGASLVRLFFHDC FVQGCDGSLLLDDTPSFQGEKMATP
UniRef90_I1LVP1	TAPATURUFFHDCFVRGCDASILLANG KPEKDHPD
UniRef90_S2J0H4 UniRef90_B9HDA0	FAPVVLRLAWHASGTYDKNHKDGGSDGATMRYKAEAEDPA MGASLLRLHFHDC FVNGCDASILLDSTSAFDSEKNANP
UniRef90_Q5K4K5 UniRef90_B9SES8	MGASLLRLHFHDC FVNGCDASILLDSTSAFDSEKNANPNAALLRLHFHDCFVQGCDGSILIRND EDGELKAQGAAGLLRLHFHDCFVQGCDGSVLITGSS AERNALP
UniRef90_C5Z0N8	<u>VAPALIRMHFHDCFVRGCDGSVLI</u> DSTANNTAEK <u>D</u> SPA
UniRef90_P0CP57 UniRef90_UPI0002C343D6	AGPVLVRLAWHASGNFSLVEHNGGSNGAGMRFPPESVDPA VPARILRMFFHDC FIRGCDASLLLDSTPGNQAEKDGPP
UniRef90_P27337 UniRef90_R0FFJ1	MGASILIRIIHEHDCEIVIO GCDASIVILISGMEONAILIP
UniRef90_I1PSQ3	VAPAMIRMHEHD <mark>C</mark> EVR <mark>GC</mark> DGSVIIDTVSGSTTRAEKDAAP
UniRef90_G7KH18 UniRef90_M0XL59	MGASLLRLFFHDC FVNGCDGSILLDDTSSFTGEKTANP VAAGLIRLHFHDCFVKGCDGSVLI DSTANNTAEKDAPP
UniRef90_G7IJT4 UniRef90_A9UWF4	MPASIIRLHFHDCFVQGCDASVLLNNTATI VSEQDAFP
UniRef90_W1P4L3	MAASIL LIRIL HEHDC FVKGCDASLLLDSSGSLISEKRSNA
UniRef90_D7TPP0 UniRef90_J4UEF4	Y D G E L R R L A N L Q T A P L P P L S S T G G S N Y A T M R F P A E S G H G A
UniRef90_K3XJT3 UniRef90_UPI0002C37311	MAASIL RL HFHDC FVKGCDASLLLDSSGSI ISEKRSNA VAATLLRLHFHDCIV NGCDASVLLDDTEDFKGEKSTPV YDGELRRLANIQTAPLPPLSSTGGSNYATMRFPAESGHGA MAASLVRLHFHDCFVKGCDASVLLDNSSSI VSEKGSNP IAASLLRLHFHDCFVNGCDASVLLDNSSSI QGEKNAFP
UniRef90_V4U4D0	ILIA A PIL LIR MITI FITUU FITIR GUUG SIVLLIN SITA NIN QA E A DA FA
UniRef90_A0A022QC06 UniRef90_F6HG25	MAASILI IRILIH FHD CFIVIQ G CDASII LLID DSSSII QSEKNAPN
UniRef90_M0WUS0 UniRef90_K3Y878	LAGPLLRMHFHDC FVNGCDGSVLLDSIPGLPSEKESEP VAPALIRLHFHDCFVRGCDCSVLI DSTANNTAEKDSPP
UniRef90_C9WF06	T V PAT L R L FFHDC F V QGCDAS V M I ASTGSNKAEKDHPD
UniRef90_K3Y8E5 UniRef90_G8XWY6	III A G PILLIR M H E H D C E E IVIN G C D G S II L LIN S IVIW G II IP S E K E A II IP
UniRef90_K7MB32 UniRef90_Q43791	MPASIL VIRILIF FHDCFIVIQGCDASIL LINNTATII VISEQQALP
UniRef90_K3YIH4	PATLRQVFHDCMAGGCDAAVLI ASKKNDAQKDADD
UniRef90_A9P263 UniRef90_UPI0002B45BD8	A A GLIRMHEND C FVRGCEASVLLKSTPNNPSEREHIA
UniRef90_C5XYY9 UniRef90_W8PVX4	MGASLLRLHFHDC FVNGCDASVLLDDTTNFTGEKTAGP MPASLVRLFFHDCFVQGCDASVLLNNTATI VSEQQALP MLASLVRLHFHDCFVLGCDASVLLNNTATI VSEQQAFP PATLRQVFHDCMAGGCDAAVLI ASKKNDAQKDADD MAASLLRLHFHDCFVKGCDASVLLDDSGSI VSEKRSNP IAAGLIRMHFHDC FVRGCEASVLLKSTPNNPSEREHIA MGASLLRLFFHDCFVLGCDGSILLDDAGS FVGEKKTALP LAAGLIRMHFHDCWIQGCDGSVLI DSTKDNTAEKESPG MAASLLRLFFHDCFVNGCDGSILLDDAGS FVGEKKTALP LAAGLIRMHFHDCFVNGCDGSVLI DSTKDNTAEKESPG MAASLLRLFFHDCFVNGCDGSVLI LDGSATGPGEQQAPP LAAGLIRMHFHDCFVNGCDASVLI NSTPGNTAERDSLA TVPATLRLFFHDCFVQGCDASVLI NSTPGNTAERDSLA TVPATLRLFFHDCFVQGCDASVMI ASSS NDAEKDAPD NGPGLIRLFFHDCFVQGCDASVMI ASSS NDAEKDAPD NGPGLIRLFFHDCFVQGCDASVLI TVPATLRLFFHDCFVQGCDASVMI TVPATLRLFFHDCFVQGCDASVLI TVPATLRLFFHDCFVQGCDASVLI TVPATLRLFFHDCFVQGCDASVLI TVPATLRLFFHDCFVQGCDASVLI TVPATLRLFFHDCFVQGCDASVLI TVPATLRLFFHDCFVQGCDASVLI TSEKFAAG
UniRef90_I1MSF0	MAASLLRUHEHDCEVNGCDGSILLLDGGDT DGEKSAVP
UniRef90_M4F9T5 UniRef90_I1I6C5	LAAGLLRLHFHDCFVQGCDASVLL LDGSATGPGEQQA <u>P</u> P
UniRef90_M0ZAA4 UniRef90_W5F9K5	L A A GLI R M H F H D C F V R G C D A S V L T N S T P G N T A E R D S L A T V P A T I R I F F H D C F V O G C D A S V MI A S S S N D A F K D A P D
UniRef90_J3M3R2	NGPGLIRLFFHDCFVRGCDASVLLDADPASNGTVEKMAPP
UniRef90_A0A059DJ19 UniRef90_UPI0002BCB2D8	LTASLLRLHFHDC FVDGCDGSLLLDNSPTLKSEKDAAP MAASLLRLHFHDCFVNGCDGSLLLDGNST TSEKFAAG
UniRef90_P93547	Q A A GIL L IR IL IH F H D C F IV IQ G C D G S IV L L ID G S A S G P S E K E A P P
UniRef90_UPI00042B90A6	VVAGLMRMHFHDC FVRGCDGSVLLDSTPSSTAEKDSFA

QUERY	90 100 110 120 NAGLQNGFKFLEPIHKEFPWISSGDLFSLGGVTAVQEMQG
UniRef90_H6BNY4 UniRef90_G1X9E1 UniRef90_A0A01757U6	N A G L Q N G F K F L E P I H K E F P WI S S G D L F S L G G V T A V Q E M Q G N A G L K V A R D F L E P I H K Q Q F P WI S Y S D L WT L A G V C A I Q E M Q G N A G L K A A R D F L E P I K Q Q F P WI S Y S D L WT L S G V C A L Q Q M G G N A G L K A A R D F L E P I K K A K F P W I S H S D L WT L G G V A A I Q E L G G N A G L K V A R D F L E P I K K A K F P W I S H S D L WT L G G V A A V Q E L G G N A G L I H A R N F M E D I H K Q F P W I T Y S D L WT L G G V A A V Q E L G G N A G L I H A R N F M E D I H K Q F P W I T Y S D L WT L G G V A A V Q E M G G N A G L I H A R N F M E D I H K Q F P W I S Y A D L W I L G G V A A V Q E M G G N A G L I H A R N F M E D I H K Q F P W I S Y G D L W T L G G V A A V Q E M G G N A G L D V A R N L L E P I K K Q F P E I T Y S D L W T L A G V C A I Q E M G G N A G L D V A R N L L E P I K K Q F P E I T Y S D L W T L A G V C A I Q E M G G N A G L D V A R R E K L E P I K Y A R S G L T Y S D L W T L A G V C A V Q E M G G N A G L G V A R E K L E P I K Y A R S G L T Y S D L W T L A G V V A V Q E M G G N A G L G V A R E K L E P I K Y A R S G L T Y S D L W T L A G V V A V Q E M G G N A G L G V A R E K L E P I K Y A R S G L T Y S D L W T L A G V V A V Q E M G G N A G L G V A R E K L E P V K S K H P W I T Y A D L W T L A G V V A V Q E M G G N A G L G V A R E K L E P V K S K H P W I T Y A D L W T L A G V V A V Q E M G G N A G L G C A D L L A L A A R D G T N L L G G G N A G L G L G C A D L L T L A G V V A V L K E M G G G N A G L E H A R S F L E P V K K K A F P W I T Y S D L W T L A G V V A V L K E M G G G N A S K S A R G F E V I D N I K S A V E D V C C A D I L T L A A R D S T V L S G G N N S K S A R G F E V I D N I K S A V E D V C C A D I L A L A A R D S T V L G G G N N S K S A R G F E V I D N I K S A V E D V C C A D I L A L A A R D S V V L L G G G N N S S A R G F E V I D N I K S A V E D V C C A D I L A L A A R D S V V L L G G G N R N S A R G F E V I D D N I K S A V E K L C C A D I L A L A A R D S V V L L G G G N R N S A R G F E V I D D N I K S A V E K L C C A D I L A L A A R D S V V L L G G G N
UniRef90_M3ITF1 UniRef90_UPI0004561676 UniRef90_F0XH62	N A G L Q V G R E F L M E F L I R Y P WI S R G D L W T L G G V A A V Q E S G G N A G L I H A R N F M E D I H K Q F P WI T Y S D L W T L G G V A A V Q E L G G N N G L I N A R D F L E P V H A K F P W I S Y A D L W L I G G I A A I Q E M S G
UniRef90_D8QBR0 UniRef90_U5H8L1 UniRef90_J3PQ78	N A GL HV A R E L ME K V K Q E P P WI S Y G D L WT L A G V C A I Q E M G G N A G L D V A R N L L E P I K K Q F P E I T Y S D L WT L A G V C A I Q E M G G N A G L G V A R E K L E P I K Y A R S G L T Y S D L WT L A G V C A V Q E L G G N N G L A L A R D L M E K I H A K Y P E I S Y G D L WT L A G V C A V Q E L G G N A G L S H A R E R L E K V K K Q F P S I T Y A D L W S L A G V V A V Q E M G G N A G L S H A R E R L E K V K K Q F P S I T Y A D L W S L A G V V A V Q E M G G N A G L Q H A R V F L E P V K S K H P W L T Y A D L W T L A G V V A V Q E M G G
UniRef90_S2JAJ4 UniRef90_F4NWR7	N N G L A L A R D L ME K I H A K Y P E I S Y G D L WT L A G V C A V Q E L G G N A G L S H A R E R L E K V K K Q F P S I T Y A D L WS L A G V V A V Q E M G G
UniRef90_S3E3G4 UniRef90_C5Z469 UniRef90_A0A059LRR8	NANSARGFEVI DTI KTNVE AACCADI LALAARDGTNLLGG NAGLNQARDLLEPVKKAFPWI SYSDLWTLAGAVAI EAMGG NAGLEHARSFLEPVKKRHPWI TYSDLWTLAGVVAI KAMGG
UniRef90_A6RG92 UniRef90_UPl00042B4249 UniRef90_V4MAN6	N A GLE HARS FLEPVKKRHP WITYS DIL WTL A GV VAI KAMGG NRNS ARG F DV V DNI KS A V E DV C C A DIL TI A A R D S V A I L G G NSKS ARG F E V V D QI KAQLEKE C C A DV L T L A A R D S T V I S G G
UniRef90_F9G8U7 UniRef90_Q9XIV9	N À GLQ N À RLFL E PV K RLHP WIT YS DL WT L A GVT À I RAMG G NVN S A R G F EV I D NI K S A V E K V C C A DI L A V T A R D S V V I L G G N A N S A R G F N V V D NI K A C P G I V S C S D V L A L A S E A S V S L A G G
UniRef90_V4KRP2 UniRef90_A0A059ADL1 UniRef90_W1NWE4	N N P S L R G F E V I D E A K A C P Q K V S C A D I L A F A A R D S A Y K L G S N L G F D V I V R A K S A L E L S C P G V V C S D I M S L A T R N L I T M V G G
UniRef90_UPI0002B48494 UniRef90_B9HL06 UniRef90_M0S889	N R N S A R G F E V I D D L K A C N A T V S C A D II L A L A T R D G <u>V V L</u> L G G N L N S A R G Y N V I D K A K T E V E K L C C A D II I A V A A R D A S A Y V G G N R N S L R G Y E V I D S I K A Q V E A S C C A D II L A L A A R D G V N L L G G
U-:D-(00_D00102	
UniRef90_W9XJV9 UniRef90_G7J2Y6 UniRef90_C5YYA1	N A GLQHARAFLEPIKRQFPWITYADLWTLAAVVAIKEMDGNNNSARGFNVIDDIKANVEKACCADILTLAARDSVVHLGGNNNSARGFPVVDGIKACPGLVSCADILALAAEISVELAGG
UniRef90_S3CAJ1 UniRef90_M5E7S8 UniRef90_B9VSG0	N A G L E H A R L F L E V V K K K H P WI T Y S D L WT L A G V V A V K A M G G N P G L H N A R N V L E P I K K K F P WI S Y S D L WT L A G V A A V Q E M G G N L T L R K A F E I I D D I K K N V D A II C C A D I T A L A T R E S V K K A G G
UniRef90_B9S775 UniRef90_M0SLK9	N A GLE H A R L F L E V V K K K H P WI T Y S D L WT L A G V V A V K A M G G N P G L H N A R N V L E P I K K K F P WI S Y S D L WT L A G V A V V K A M G G N L T L R K A F E I I D D I K K N V D A I C C A D I T A L A T R E S V K K A G G N R N S A R G F E V I D S I K A C P F T V S C A D I L A L A A R E A V L Q S G G N R N S V R G F E V I D E I K S C P H T V S C A D V L A L A A R D S T V L A G G N A G S L R G F G V I D T I K A C P R T V S C A D I L A V A A R D S T V L G G G N R N S A R G F E V I D T I K S C P R T V S C A D I L A V A A R D S T V L G G G N R N S A R G F E V I D T I K S C P R T V S C A D I L A V A A R D S T V L G G G S T R G F E V I D T I K S C P R T V S C A D I L A V A A R D S T V L G G G S T R G F E V I D T I K S C P R T V S C A D I L A V A A R D S T V L G G G S T R G F E V I D T I K S C P R T V S C A D I L A V A A R D S T V L G G G T S T T T T T T T T T T T T T T T
UniRef90_K3ZV96 UniRef90_UPI0002B45AD5 UniRef90_I1JL02	NRNSARGFEVIDELKSCPQTVSCADILAVAARDSTVITGG NLQSARGFEVVDDIKKAVDEACCADILAVAARDSVVALGG NANSVRGFDVVDTLKTQLESACCADILAVAARDSVVLLGG
UniRef90_W9QU60 UniRef90_B9SWU3 UniRef90_K4ASJ6	NNPSERGFEVINEAKAQIESII CCADII LAFAARDSSFKLGG NVG AGGFDI VDDIKTCPGVVSCADII LALASEI GVALVGG
UniRef90_A0A059DIB3 UniRef90_G7K821 UniRef90_V7CFB3	N F N S A R G F G V V D K I K A A I E S T C C A D I L A L A A N A S V Y L S G G N K N S I R G F D V I D K I K A C P S T V S C A D I L T L A A R D A V Y Q S K G N K N S L R G F E V I D T I K A N L E K A C C A D I L T L A A R E A V Y L S R G N N G S L R G Y E V I D A I K A C A A T V S C A D I L A L A A R D G V V L L G G
UniRef90_M0RM11 UniRef90_K3ZJ91	NKNSIRGFDVIDKIKACPSTVSCADILTLAARDAVYQSKGNKNSLRGFEVIDTIKANLEKACCADILTLAARBAVYLSRGNNGSLRGYEVIDAIKACAATVSCADILALAARDGVVLLGGNNGSVRGFEVIDAIKACAATVSCADILALAARDSVVILGGNNGSVRGFEVIDAIKSAVEKVCCADILAIAARDSVVILGG
UniRef90_I1LVP1 UniRef90_S2J0H4 UniRef90_B9HDA0	N A GIL IE H A R H F IL ID P II IK A K H T WII IS Y A D IL IW T IL IA G C IV IA IV IE Q M G G
UniRef90_Q5K4K5 UniRef90_B9SES8 UniRef90_C5Z0N8	NI NSI RGFEVI DRI KLEVDKACCADI LAVAARDSVVALGG NLGV VGFDI I DSAKACPGI VSCADI VSLAARDAVSL VNG NLGL RGFEVI DDAKSQLEASCCADI LALAARDAVDL SDG
UniRef90_P0CP57 UniRef90_UPI0002C343D6	NAGLHY ALSFLLPLQSANSWISHADLWTLAGVTAI EAMGG NISVRSFYVIDEAKAK <mark>C</mark> PHIVSCADIIGIAARDVVTMSRG
UniRef90_P27337 UniRef90_R0FFJ1 UniRef90_I1PSQ3	N A G S L R G F G V I D S L K I Q L E A L C C A D L L A L A A Q E S V V L A G G N A K S A R G F D V I D E M K A C P R T V S C A D L L A L A A Q E S V V L A G G N N P S L R F F D V I D R A K S A V E A A C C A D V V A F M A R D G V V L S G G
UniRef90_G7KH18 UniRef90_M0XL59 UniRef90_G7IJT4	N L G L R G F E V I D D A K S Q L E A S C C A D I L A L A A R D A V D L S D G N N P S L R F F D V V D R A K A S L E A Q C C A D I L A F A A R D S V V L T G G N A G L H Y A I S F L L P L Q S A N S WI S H A D L W T L A G V T A I E A M G G N I S V R S F Y V I D E A K A K C P H L V S C A D I I G I A A R D V V T M S R G N A G S L R G F G V I D S I K T Q I E A I C C A D I L T V A A R D S V V A L G G N A K S A R G F D V I D E M K A C P R T V S C A D L L A L A A Q E S V V L A G G N N P S L R F F D V I D R A K S A V E A A C C A D V V A F M A R D G V V L S G G N K N S A R G F E V I D K I K S A V E K V C C A D I L T I T A R D S V E I L G G N K P S L R G F E V I D A A K K A I E A K C C A D I L A F A A R D S I A L A G N N I N S L R G L D V I N Q I K A C P N R V S C A D I L T L A S G I S S V L T G G N A G I O K A R N I L E P I K A K Y P G M T F A D I V T F A G K V A V F S M G G
UniRef90_A9UWF4 UniRef90_W1P4L3 UniRef90_D7TPP0	NRNSARGFEVIDELKSALEKECCADLLALAARDSTVLAGG
UniRef90_J4UEF4 UniRef90_K3XJT3	N A GIL GIVIA R D Y L E KII H Q K Y P WII S Y G D L W I L A GIVIA A II Q E A G G N R N S L R G F E V V D Q I K A C P G T V S C A D I L A I A A R D S T V L V G G
UniRef90_UPI0002C37311 UniRef90_V4U4D0 UniRef90_A0A022QC06	NAGLGVARDYLEKI HQKYPWI SYGDLWTLAGVAAIQEAGGNRNSLRGFEVVDQI KACPGTVSCADI LALAARDSTVLVGGNKDSARGFEVI DKI KACPGTVSCADI LALAATSAVYFSGGNKDSARGFEVI DKI KACPSTVSCTDI LTLAATSAVYFSGGNKDSARGYGSI DRVKSAVEKKCPGVVSCADI LALVTRDAVSMI KGNRGYGSI DRVKSAVEKKCPGVVCADI LALVARDAVSLLNGNLNSARGYEVI HDVKSQVESI CCADI LALVARDASVAVGG
UniRef90_F6HG25 UniRef90_M0WUS0 UniRef90_K3Y878	NLNSARGYEVIHDVKSQVESICCADILAVAARDASVAVGG NLSL RGFGTIDLVKAKLEQACCADILALVARDVVLLTHG NNPSURFFDVVDRAKAAVFARCCADVLAFAARDGVALAGG
UniRef90_C9WF06 UniRef90_K3Y8E5	NESLAKAKAAVDAVPSCRNKVSCADILALATRDVIAMSGG NRGFGTUDRVKAKLEKACPGVVCADILALVARDVVVLTKG
UniRef90_G8XWY6 UniRef90_K7MB32 UniRef90_Q43791	N K D S A R G F E V I D K I K A C P S T I V S C T D I L T L A A T S A V Y F S G G N L S L R G Y Q V I D A V K K C P G V V S C A D I L A L V T R D A V S M I K G N R G Y G S D R V K S A V E K K C P G V V C A D I L A L V A R D A V S L L N G N L N S A R G Y E V I H D V K S Q V E S I C C A D I L A L V A R D A S V A V G G G N L S L R G F G T I D L V K A K L E Q A C C A D I L A L V A R D V V L L T H G N N P S L R F F D V V D R A K A A V E A R C C A D V L A F A A R D G V A L A G G N L S L A K A K A A V D D A V P S C R N K V S C A D I L A L A T R D V I A M S G G N R G F G T I D R V K A K L E K A C P G V V C A D I L A L V A R D V V V L T K G N N N S L R G F D V I D T I K S Q L E S S C C A D I L A L V A R D S V V A L G G N N N S L R G F D V V N Q I K A C P G V V S C A D I L T L A A E V S S V L A H G N N N S L R G L D V V N Q I K A C P G V V S C A D I L A L A A A Q A S S V L A Q G
UniRef90_K3YIH4 UniRef90_A9P263 UniRef90_UPl0002B45BD8	NESEAGN RENERE CE GROS CADI MALLA ARDEVELA RO
UniRef90_C5XYY9 UniRef90_W8PVX4 UniRef90_I1MSF0	N R N S A R G F E V V D Q K A K F K V S C A D L A S A R D S V V L R G G N F P S L R G F E V I D E A K A K E A I C C A D L A F A A R D S A C R V G G N A S R G Y E V I D Q K A N V E A V C C A D V A L A A R D G T V L L G G N R G F E L I D D V K E Q L E E Q O P G V V C A D V A M A A R E A V A L S G G N L N S A R G Y D V V D T K S S V E S E C C A D L A A A R D S V F L S G G N V S L A K A K K A I D A I P S C R N K V S C A D L A L A A R D S V V F S G G N V S L A K A K K A I D A I P S C R N K V S C A D L A L A A R D S V V F S G G N N P S L R G F E I D E A K A C P R T V S C A D V L A F A A R D G A Y L A G G N Q G F D T V V R A K A A V E K A C P G V V C A D I L A L A A R D S V V S M S S G N F P S L R G F G V I D R A K R V V E R R C C A D I V A F A A R D A S R I M G G N F K S A R G F D V V D K K K A R V V E R R C C A D I V A F A A R D A S R I M G G N F K S A R G F D V V D K K K A R V V E R R C C A D I V A F A A R D A S R I M G G N F K S A R G F D V V D K K K A R V V E R R C C A D I V A F A A R D A S R I M G G N F K S A R G F D V V D K K K A R V V E R R C C A D I V A F A A R D A S R I M G G N F K S A R G F D V V D K K K A R V V E R R C C A D I V A F A A R D A S V S I S F G
UniRef90_M4F9T5 UniRef90_I1I6C5	NVSLAKAKKAI DAI PSCRNKVSCADI LALATROVI VAAKG NLTLRPINDI RDRLERECRGPVCSDI LALAARDSVVFSGG
UniRef90_M0ZAA4 UniRef90_W5F9K5 UniRef90_J3M3R2	N N P S L R G F E L D E A K A C P R T V S C A D V L A F A A R D G A Y L A G G N Q G F D T V V R A K A A V E K A C P G V V C A D L A L A A R D V V S M S S G N F P S L R G F G V I D R A K R V V E R R C C A D V A F A A R D A S R I M G G
UniRef90_A0A059DJ19 UniRef90_UPI0002BCB2D8	N F K S A R G F D V V D K I K A C P G T V S C A D I L A L A A Q A S V S L S E G N I N S A R G F E V I D N I K K A V E D A C C A D I L A I A A R D A V L L S G G N L T L R Q A F K I I N D L R A L V H Q Q C C A D I T A L A A R E S V F L A G G N N P S L R G Y E V I D N A K A R L E A V C C A D I V A F A A R D S I E L T G G
UniRef90_P93547 UniRef90_UPI00042B90A6	NETER QAFKITIN DIERALE VII QQCCADITIALIA ARESVIFILIA GG NNPSERGYEVI DNAKARLE AV <mark>CC</mark> ADI VAFAARDSI ELT GG

QUERY	PKIPWRCGRVDTPEDTTPDNGRLPDADKDADYVRTFFQRL
UniRef90_H6BNY4 UniRef90_G1X9E1 UniRef90_A0A017S7U6	PKVPWRPGRQDRDVAFCTPDGRLPDGSKDQNHIRQIFGRMPVIPWRPGRSDRDISACTPDGRLPDATKEHKHLRAIFGRMPAIPWRPGRQDKDVAGCTPDGRLPDGSKSYGHVRDVFYRM
UniRef90_M3ITF1 UniRef90_UPI0004561676 UniRef90_F0XH62	PKI E WR P G R V D D N T A A H P P N G R L P D A S K D G K Y V R E I F S R Q P K I P WR P G R K D G T A E Q C T P D G R L P D G D K G S D H L R Y I F Y K M P K V P F R P G R T D K D F T G C T P D G R L P D A S Q G S D H V R N I F Y R M
UniRef90_D8QBR0 UniRef90_U5H8L1 UniRef90_J3PQ78	PKI PWRPGRIVIDGI AEKAIPDGRI PDASQGADHLIRNI FYRM PTI PWRAGRKDGNVENCTPDGRI PDGDKGADHLIRNI FYRM PKI PWRPGRODGIVPESCPPDGRI PDGDKDODHVRKI FERM
UniRef90_S2JAJ4 UniRef90_F4NWR7 UniRef90_S3E3G4	P DI P WR A GREDAFE I SCIPDGRI PDAGKKEDHI RDI FYRM P DI P WR A GRKDETSWACT PDGRI PDAGKEDHI RNI FYRM P DI P WI GGRTDYWDDSKPPRGRI PDGAKGADHI RWI FYRM
UniRef90_C5Z469 UniRef90_A0A059LRR8 UniRef90_A6RG92	PTWNVPLGRRDSTTASASANSNLPQSTASLGTLISLFSRQ PHIRWRAGRSDVDENNLVILPDLPDATQGAKHLRDVFYRM PDVPWRPGRTDFVDDSKPPRGRLPDATQGTDHLRHIFYRM
UniRef90_UPI00042B4249 UniRef90_V4MAN6	PS WV VPL GRRD S RS A S LS S N N N I PAPN N T F Q T I LS R F N R Q
UniRef90_F9G8U7 UniRef90_Q9XIV9 UniRef90_V4KRP2	PEIDWVPGRTDFVDDSKPPRGRLPDAAQGADHIRDIFYRM PNWNVKLGRRDSRTASQSAANGIPPATSNLNRLISSFSAV PTWTVLLGRRDGTANQAGANTSLPSPFEGLNNITSKFSAV INYAVPAGRRDGLVSLKDEPQDLPPFFFNAQQLEANFARK
UniRef90_A0A059ADL1 UniRef90_W1NWE4 UniRef90_UPI0002B48494	L N Y A V P A G R R D G L V S L K D E P Q D L P P F F F N A Q Q L E A N F A R K P F Y K V R L G R K D K V S M A S H V A G N L P L P S M S I S Q M A N I F E S K P N W A V P L G R K D S R T A S E S G N N N L P G P S S S L S T L I S M F N A Q
UniRef90_B9HL06 UniRef90_M0S889 UniRef90_B9GT82	P I D WV P G R T D F V D D D S K P P R G R L P D A A Q G A D H I R D I F Y R M P N WN V K L G R R D S R T A S Q S A A N G I P P A T S N L N R L L S S F S A V P T W T V L L G R R D G T A N Q A G A N T S L P S P F E G L N N I T S K F S A V I N Y A V P A G R R D G L V S L K D E P Q D L P P F F F N A Q Q L E A N F A R K P F Y K V R L G R K D K V S M A S H V A G N L P L P S M S I S Q M A N I F E S K P N W A V P L G R K D S R T A S E S G N N N L P G P S S S L S T L I S M F N A Q P S Y A V K L G R R D S T T A S R T L A N E L P A F F E S L E S L I S R F Q K K P S W V V A L G R R D A R T A S I S A A V N L P P P A S A S A Y T L M S T F A A K P D Y D V P L G R R D G L N F A T R S A D N L P P P F D N A D T I L S S L A A K P S W T V Q L G R R D S T T A S S A A N T N I P A P T L N L S A L L T S F S N K P S W T V Q L G R R D S T T A S S A A N T N I P A P D G T K G A D H L R W I F Y R M
UniRef90_UPI0002C2E4D4 UniRef90_W9XJV9 UniRef90_G7J2Y6	PFFFFNAQQLEANFARK PFYKVRLGRKDKVSMASHVAGNLPLPSMSIISQMANIFESK PNWAVPLGRKDSRTASESGNNNLPGPSSSLSTLISMFNAQ PSYAVKLGRRDSTTASRTLANELPAFFESLESLISRFQKK PSWVVALGRRDSTTASRTLANELPAFFESLESLISRFQKK PSWVVALGRRDSTTASSADNLPPASASAYTLMSTFAAK PDYDVPLGRRDGLNFATRSADNLPPPFDNADTILSSLAAK PSWTVQLGRRDSTTASSAANTNIPAPTLNLSALKTNFANQ PSWNVGLGRRDSTTASSAANNIPAPFLNLSALKTNFANQ PRWRVLLGRRDSTTASRSDANNIPAPFLNLSALKTNFANQ
UniRef90_C5YYA1 UniRef90_S3CAJ1	PRWRVLLGRRDGTTTNVQSANNLPSPFDTLAKLQEKFRNV PDVPWQGGRTDFVDDSKPPRGRLPDAAQGADHLRHIFNRM
UniRef90_M5E7S8 UniRef90_B9VSG0 UniRef90_B9S775	PDVPWQGGRTDFVDDSKPPRGRLPDAAQGADHLRHIFNRMPKIPWRPGREDMPEESTPPDGRLPHAPLGADHIRDVFHRMPTYRVPLGRRDGLTFATRNVTNLPGPRSNVTALIKAFQSKPFWSVPLGRRDGTASQKAANENLPIPFESLENITAKFVAQ
UniRef90_M0SLK9 UniRef90_K3ZV96 UniRef90_UPI0002B45AD5	PRWRVLLGRRDGIIINVQSANNLPSPFDTLAKLQEKFRNV PDVPWQGGRTDFVDDSKPPRGRLPDAAQGADHLRHIFNRM PKIPWRPGREDMPEESTPPDGRLPHAPLGADHIRDVFHRM PTYRVPLGRRDGLTFATRNVTNLPGPRSNVTALIKAFQSK PFWSVPLGRRDGTASQKAANENLPIPFESLENITAKFVAQ PYWDVPLGRRDSLGASIQSNNNIPAPPESLENITAKFKLK PSWTVPLGRRDSTTASLSTNTDLPSPASSLSTLLAAAFARK PSWEVPLGRRDSTTASLSTNTDLPSPASSLSTLLAAAFARK PSWEVPLGRRDSTTASREAADSIPAPFFSLSELITNFKNH PSWTVQLGRRDSTTASREAADSIPAPFFSLSELITNFKNH PSWTVQLGRRDSTTASREAADSIPAPFFSLSELITNFKNH
UniRef90_I1JL02 UniRef90_W9QU60 UniRef90_B9SWU3	PSWEVPLGRRDSRGASLSSNNDIPAPNNTFQTILTKFKRQ PSWKVRLGRRDSTTASREAADSIPAPFFSLSELITNFKNH PSWTVQLGRRDATTASQSAASNIPAPTTNLSGLITAFSNK INYAVPAGRRDGRVSNVDEAQNLPPFFFNAQQLTDNFARK
UniRef90_K4ASJ6 UniRef90_A0A059DIB3 UniRef90_G7K821	INYAVPAGRRDGRVSNVDEAQNLPPFFFNAQQLTDNFARK PTWQVLLGRRDSLTANRSGVDSIPTPFESLDVMRPQFTNK PYWTVLLGRRDSTANQGLANVSIPSPFDSYANLTSKFYVL PFWAVPLGRRDGTTASESDANNLPSPFEPLENITAKFISK
UniRef90_V7CFB3 UniRef90_M0RM11 UniRef90_K3ZJ91	P F W S V P L G R R D G T T A S E S E A N N L P S P F E P I E D I T T K F I S K P S W T V Q L G R R D A T T A S Q S A N T D I P A P F H D L S K L T S L F V S K
UniRef90_I1LVP1 UniRef90_S2J0H4	PNWNVKVGRRDSMTASFSGANNIPPPTTSGLANLTSLFAAQPFYNVELGRRDGRISTASVQRHLPHPDFNLDQLNSMFNFNPHIEWTGGRRDKANTDCPPLGRLPDAALGKDHVLDVFVRM
UniRef90_B9HDA0 UniRef90_Q5K4K5 UniRef90_B9SES8	PFYDVPTGRRDGRVSKMSLAKNLPDVDDSINVLKSKFKEK PSWSVPTGRRDGRISSSSQASNLPSPFDSIAAQKQKFAAK
UniRef90_C5Z0N8 UniRef90_P0CP57 UniRef90_UPI0002C343D6	LIGY QIVPS GRRDGRIVS NAT QT NNL PPPFFNAT QL VJDRFAS K PQIP WE PGRLDYVE HRGDVS NRL PDGALGAAHI RDVFGRM PYWTV LIK GRKDGRIVS RANETIINL PAPTFNVS OLI IOS FAK R
UniRef90_P27337 UniRef90_R0FFJ1 UniRef90_I1PSQ3	PSWTVPLGRRDIDANENEANTDLPGFNSSRAELEAAFLKK PSWMVPSGRRDSLRGFMDANDNLPAPFFTLKQLKDSFKKV
UniRef90_G7KH18 UniRef90_M0XL59 UniRef90_G7IJT4	PT WDV KLGRRDART ASKSAANNI PAPTSSLNQLI SRFNAL VTYKVPAGRRDGRITNTSALNNLPSPLSTASEL VGNFTLK PGWEVPLGRRDSLTANQSANQNLPGPNFSLDRLKSAFAAQ
UniRef90_A9UWF4 UniRef90_W1P4L3 UniRef90_D7TPP0	PHWEVPLGRRDSRGASLSSNRNI PAPNSTIQTL LITKFKLQ
UniRef90_J4UEF4 UniRef90_K3XJT3	PVIPWSPGRVDGLEVNQTPDGRLPDASQGAQHIRDIFGRM PYWDVPLGRRDSLGASIQSNNDIPAPNNTLPTILITKFKLQ
UniRef90_UPI0002C37311 UniRef90_V4U4D0 UniRef90_A0A022QC06	PFWDVPTGRRDGTTASKDAANNLPSPFEPLENITTAKFTAK PFWDVPTGRRDGRESVASETRDLPPPFGNITLLKQKFAAK ASWPVPLGRRDNVSNSTEVLFNLPPPFFNITQLKANFASK
UniRef90_F6HG25 UniRef90_M0WUS0 UniRef90_K3Y878	RYWNVPLGRRDGIISDPKAVVQIIPAPFEPLENIIAKFISK PVIPWSPGRVDGLEVNQTPDGRLPDASQGAQHIRDIFGRM PYWDVPLGRRDSLGASIQSNNDIPAPNNTLPTIITKFKLQ PYWDVPLGRRDGTTASKDAANNLPSPFEPLENITAKFTAK PFWDVPTGRRDGRESVASETRDLPPPFFNITLLKQKFAAK ASWPVPLGRRDNVSNSTEVLFNLPPPFFNITQLKANFASK PTWTVKLGRRDSTTSGLSQVSNLPSFRDSLDRLISLFGSK PYWNVPTGRRDGLRSVKDDALNNPPFFDALRNLNQFFIPK LGYQVPAGRRDGLRSVKDDALNNPPFFDALRNLNQFFIPK LGYQVPAGRRDGLSSTAASVNGLPPPFFFNATELLDSFASK PSYAVELGRLDGLSSTAASVNGLPPPFFFNAGQNIYQFFIPK
UniRef90_C9WF06 UniRef90_K3Y8E5 UniRef90_G8XWY6	PSYAVELGREDGLSSTAASVNGLPHPTFNLNQLNSLFAANPHWDVPTGRRDGRRKQDALDNLPPPFFNAGQNLYQFFLPKPSWNLAFGRRDSITASSAANSNIPAPTLNLSGLITSFSNL
UniRef90_K7MB32 UniRef90_Q43791 UniRef90_K3YIH4	PSWNLAFGRRDSITASSAANSNI PAPTINILSGLITSFSNIL PYLKFPLGRRDSTANRTLANQNLPAPFFNLTQLKAAFAVQ PSWTVPLGRRDGTANRTLANQNLPAPFNSLDQLKAAFTAQ PYWHVELGRRDGVSRKSDVAGKLPDPDMHVKDLSSMFESK LGWEVLLGRRDSKSASLSSNNNI PQPNSTLQTLTTKFKLQ
UniRef90_A9P263 UniRef90_UPI0002B45BD8	LGWEVLLGRRDSKSASLSSNNNIPQPNSTLQTLTTKFKLQ NYAVPAGRRDGRISLKEEANSLPGPSFNAEQLTESFGKR
UniRef90_C5XYY9 UniRef90_W8PVX4 UniRef90_I1MSF0	INYAVPAGRRDGRISIKEEANSLPGPSFNAEQLTESFGKRPTWAVPLGRRDSTTASLSQANSLPAPTLNLDSLILAFGKKPVYDIPKGRKDGRRSKLEDTLSAPAPTFNASELVRVFGLRPSWKVLLGRRDGTVSNGTLANELPAPFDPLDTILSKFANM
UniRef90_M4F9T5 UniRef90_I1I6C5 UniRef90_M0ZAA4	PSWKVLLGRRDGTVSNGTLANELPAPFDPLDTIISKFANM PSYKVELGRRDGVSTAASVNGNLPGPNDNVDKLNKLFAKN PSYPVPLGRRDSAHFATPQDVLSGLPAPSSTVPGLLNVVR LEYGVPAGRRDGRVSISDEVNNVPFPTDEVDELVASFERK
UniRef90_W5F9K5 UniRef90_J3M3R2 UniRef90_A0A059DJ19	PYWTVLLGRRDGRVSISGANGLPAPFHSRDTIISMFQDVPFYWVPLGRRDGLNVSRASEAANLPPBSDSYNNLVSKFSAVPTWKVRLGRRDGLVGNISGANGLPAPFHSRDTIISMFQDVPTWKVRLGRRDGLVGNISGANGLPAPFHSRDTIISMFQDVPTWKVRLGRRDGLNFASDTLANLPPPSFNTGQLLDSLANK
UniRef90_UPI0002BCB2D8 UniRef90_P93547 UniRef90_UPI00042B90A6	PTWKVRLGRRDGLVGNISGANGLPAPFHSRDTI I SMFQDV PFYWVPLGRRDGLNFASDTLANLPPPSFNTGQLLDSLANK LGYDVPAGRRDRTSLASELIGNLPPPTFNVSQLTQMFAKK

	170 180 190 200
QUERY	N M N D R E V V A L M G A H A L G K T H L K N S G Y E G P W G A A N N V F T N E
UniRef90_H6BNY4 UniRef90_G1X9E1	GFNDQEMVALSGAHALGR <mark>CHV</mark> DRSGFDGPWTFSPTVLTND GFNDQEIVALSGAHALGR <mark>CH</mark> TDRSGFDGPWTFSPTMLTND
UniRef90_A0A017S7U6	GFNDQEIVALIGAHALGRCHTDRSGFDGPWTFSPTMLTND GFNDQEIVALIGAHALGRAHADRSGFDGPWDFSPTVFTNE
UniRef90_M3ITF1 UniRef90_UPI0004561676	G F N E R E T V A L L G A W L G R C H T H N S G Y D G P W G P S F N Q F T N W G F N D Q E V A L S G A H A L G R C H K D R S G F D G P W T H S P L S F T N E
UniRef90_F0XH62	GFNDQEI VALLGAHAVGR <mark>C</mark> HÜKNSGFDGPWTFSPTVLTND
UniRef90_D8QBR0 UniRef90_U5H8L1	GFNDQEIVALSGAHALGR <mark>CHR</mark> DRSGFEGPWTFSPITLTND GFNDQEIVALSGAHAVGR <mark>C</mark> HTDRSGFSGPWQHSPTSFNNE
UniRef90_J3PQ78	GFNDQEIVALLGAHALGR <mark>C</mark> HTDRSGFEGPWTFSPT <u>T</u> FSND
UniRef90_S2JAJ4 UniRef90_F4NWR7	GFNDQEIVALAGAHAL GR <mark>C</mark> HPDRSGFEGPWQEAPTVFSNE GFNDQEIVALSGAHSL GR <mark>C</mark> HTDRSGYDGPW <u>S</u> FSPTTFSNA
UniRef90_S3E3G4	G <u>F</u> N D Q E <u> </u>
UniRef90_C5Z469 UniRef90_A0A059LRR8	GLSARDMTALSGAHTI GQAR <mark>C</mark> TTFRSRLYGDTNLNASFAA GFNDQEI VALSGGHTLGR <mark>C</mark> HTDRSGFTGPW <u>T</u> FAPTTFSNM
UniRef90_A6RG92	GFNDQELVALSGAHTLGRTHMDRSGFEGPWVNNPTRFSNQ
UniRef90_UPI00042B4249 UniRef90_V4MAN6	GL S T R D M V A L S G S H T I GL A R C T S F R P R L Y N E S N L D S S F A Q GL D V T D L V A L S G S H T I G F S R C T S F R Y N Q N G D G R P D M T L E Q
UniRef90_F9G8U7	GFNDRELVALSGAHSLGRCHTENSGFEGKWVNNPTRFSNQ
UniRef90_Q9XIV9 UniRef90_V4KRP2	G L S T K D M V A L S G A H T L G Q A R
UniRef90_A0A059ADL1	GLSLDEMVTLSGAHSIGVSH <mark>C</mark> SSFSNRFNATHTQDPSMDT
UniRef90_W1NWE4 UniRef90_UPI0002B48494	GFSLAEMVALSGAHTI GFSH <mark>C</mark> KEFSYNFSRTSTVDPALNP GFTPREM <u>T</u> TLSGAHTI GMGQ <mark>C</mark> QFFRTRIYNTQR <u>Q</u> AN <mark>C</mark> PFN
UniRef90_B9HL06	GILIT A R D MIVIAII IS G S H TILIG Q A Q <mark>C</mark> F T F R F RILIY N H S NILID A G F A S
UniRef90_M0S889 UniRef90_B9GT82	GLDMRDLTALSGAHTVGSARCSNFRPHPH TFDPTDVVALSGGHTIGISHCSSFTDRLYPTQ DPTMDK GFNAKELVALSGSHTIGQARCTTFRARLYNEANIDSSFAT
UniRef90_UPI0002C2E4D4 UniRef90_W9XJV9	G F N A K E L V A L S G S H T I G Q A R C T T F R A R L Y N E A N L D S S F A T G F N D Q E I V A L S G A H N L G R C H G D R S G F E G K W V N N P T R F S N M
UniRef90_G7J2Y6	G L S A K D L V A L S G A H T <u> </u> G <u>L A</u> R <mark>C V</mark> Q F R
UniRef90_C5YYA1 UniRef90_S3CAJ1	NLDDTDL VALQGAHTFGKVQ <mark>C</mark> QFTRHN
UniRef90_M5E7S8	GFNDQETVALIGAHAVGRCHTQYSGFDGPWTFSPISFTNQ SLDTTDLVALSGGHTIGLGHCSSFTNRLYPTQ ATSLEN
UniRef90_B9VSG0 UniRef90_B9S775	GILIDILIK DIV V V LIS G A H I ILIG F A Q C F I FILIF N F K G S G M P D P GILID S
UniRef90_M0SLK9 UniRef90_K3ZV96	GLDLVDLVALSGSHTLGLSR <mark>C</mark> TSFRQRLYNQTGKGFPD GLS <u>ST</u> DMVALSGAHTMGQAQ <mark>C</mark> QNYRGRLYNDTDLNAA <u>F</u> AA
UniRef90_UPI0002B45AD5	GLDLVDLVALSGSHTIGNSR <mark>C</mark> TSFRYNQSGNAQ <u>P</u> DPSLDP
UniRef90_I1JL02 UniRef90_W9QU60	GLDEKDL V V L S G G H S I G F Å R C V T F K D H T Y N D S N T D P N F A Q G F T T K E L V A L S G G H T I G Q A K C S S F R A R L Y N T S T K S K C P N S
UniRef90_B9SWU3	GMSADEMVTLSGAHSLGISHCSSFSYSFNATYPQDPSMDP
UniRef90_K4ASJ6 UniRef90_A0A059DIB3	GMDIT DL VAL S GAHT FR CGT F Q Q R LF N F S G S G S P D P T I N S GLDLT DL VT L S GAHT F G R A H CK S F T Y N F T K N G G P D P T L S P
UniRef90_G7K821	GLEKKDVAVLSGAHTFGFAQCFTFLFDFGGSGKSDPSLDS
UniRef90_V7CFB3 UniRef90_M0RM11	GFSAQDMTTLSGAHTIIGQ
UniRef90_K3ZJ91	CII SOKDMIVIAII SCAHTII CII A P <mark>C</mark> TNEPAHIVIVNETN <mark>C</mark> PSTSGT
UniRef90_I1LVP1 UniRef90_S2J0H4	GLSQTDMIALSGAHTI GFSHCNKFSNRFSPRNRIDPTINL GFTVQETVALIGAHTVGRCHADRSGFDGPWTYNPTRFSNQ GLNKKDLVVLSGAHTTGFAQCFTFKDRLYNETNLDPCPRT
UniRef90_B9HDA0 UniRef90_Q5K4K5	GL N K K D L V V L S G A H T T G F A Q C F T F K D R L Y N E T N L D P C P R T GL S D K D L V L L S G G S H T I C F F M Q K R L Y N F T P G G G S D P A I N P
UniRef90_B9SES8	GLDDEDI VTLVGAHTIGQTD <mark>C</mark> LFFRYRFTTTGNADPTI NQ
UniRef90_C5Z0N8 UniRef90_P0CP57	NLTLEDMV VLSGAHTLGVSH <mark>C</mark> SSFAYAF <u>LLKSI </u>
UniRef90_UPI0002C343D6	GLGVKELVALSGGHTLGFSHCSSFLRNFSPVHDVDPTMDS
UniRef90_P27337 UniRef90_R0FFJ1	GLDLPSDLVALSGAHILGQAQ <mark>C</mark> STFRARILYGG DININA GLDLPSDLVALSGGHNQ <mark>C</mark> QFIMDRLYNFSSTGKPDPSLDK
UniRef90_I1PSQ3	NLTAEDMV VLSGAHTIGVSH <mark>C</mark> DSFTNRIYNGI <mark>C</mark> PPNSNQT
UniRef90_G7KH18 UniRef90_M0XL59	NLTAEDMVILSGAHTIGVSR <mark>C</mark> SSFTYGFSNTSQVDPTISS
UniRef90_G7IJT4 UniRef90_A9UWF4	GLINTIVIDIL VIAILIS GAHT FR <mark>C</mark> LIFILLID RILIYN FNNT GKPD PTILID T GEND OFIL VIAIL VIGAHTIVIGHOHK DRS GED GPWS FG PYS FD ND
UniRef90_W1P4L3	GEDTVDL VALSGSHTI GQSRCTSFRYNQTGNGRPDLTLDQ
UniRef90_D7TPP0 UniRef90_J4UEF4	GENDQETVALIGAHALGR <mark>C</mark> HTDRSGYDGPWTYSPTSWSNE
UniRef90_K3XJT3	GFSDQEIVALSGAHNLGRCHADRSGFDGPWVVNPTRFSNQGLGVKELVALSGGHTLGFSHCSSFLRNFSPVHDVDPTMDSGLGVKELVALSGGHTLGFSHCSSFLRNFSPVHDVDPTMDSGGLNTVDMVALSGAHTLGQAQCSTFRARIYGG DTNINAGLDPSDLVALSGGHNQCQFIMDRLYNFSSTGKPDPSLDKNLTAEDMVVLSGAHTIGVSHCDSFTNRLYNFSSTGKPDPSLDKNLTAEDMVVLSGAHTIGVSHCDSFTNRLYNGSCPKTSGSNLTAEDMVILSGAHTIGVSRCSSFTYGFSNTSQVDPTLSSGLNTVDLVALSGAHTIGVSRCSSFTYGFSNTSQVDPTLSSGLNTVDLVALSGAHTIGQSRCTTFFSFARTRQSGCPKTSGSNLTAEDMVILSGAHTIGQSRCTTFFLFNFQGTGNGRPDLTLDQGLDTVDLVALSGAHTIGQSRCTTSFRYNQTGNGRPDLTLDQGLDTVDLVALSGAHTIGFAQCFTFLFNFQGTGQPDPTLDAGGFNDQETVALSGAHTIGFAQCFTFLFNFQGTGQPDPTLDAGGFNDQETVALLGAHALGRCHTDRSGYDGPWTSPTSWSNEGLNVVDVVALSGAHTIGFAQCFTFLFNFQGTGQPDPTLDAGGFNDQETVALLGAHALGRCHTDRSGYDGPWTYSPTSWSNEGLNVVDVVALSGAHTIGFAQCFTFLFNFQGTGNGMADSTLDV
UniRef90_UPI0002C37311 UniRef90_V4U4D0	GL NV VDV VAL SGGHTI GMSRCT FRYNGT GMADSTLDV GLDMKDV VVL SGGHTI GTSHCSSFLYNFTGKGDDPTLDT GLSVKDL VVL SGGHTI GTSHCSSFLYNFTGKGDDPTLDP GLNAKDL VVL SGGHTI GTSHCSSFTNRLYNFTDSDPSLDS GLSTRDMVAL SGGHTI GTSHCSSFTNRLYNFTDSDPSLDS GLSTRDMVAL SGGHTI GTSHCSSFTNRLYNFTDSDPSLDS GLDAKDQVVL LGGHTL GTSHCSSFTNRLYNVTNTTDGHTV GLSQTDMV VL SGGHTI GQARCVTFRDRLYNVTNTTDGHTV GLSQTDMI ALSAAHTL GFSHCDKFSYNFSRQNAVDPTLNK GLDAKDQVVL LGGGHTL GTSHCSSFSYNFSRQNAVDPPTLNK GLDAKDQVVL LGGGHTL GTSHCSSFSYNFSRQNAVDPTLDT GLSQTDMI ALSAAHTL GFSHCDKFSYNFSRQNAVDPTLDT GLDAKDQVVL LSGAHTI GQARCTVFRARIYNFSGTGRPDPTLDT GLDAKDQVVAL SGAHTI GARREYRSGTTMPDPSSLAK GLDTTDL VAL SGAHTI GARREYRSGTGRPDPTLDT GFSPVDL VAL SGAHTI GLSSRCTTSFRQRLYNQSGNGQPDFT GFSSEEMVTL SGAHTI GYARCTSFRQRLYNQSGNGQPDFT GFSSEEMVTL SGAHTI GYARCTSFRQRLYNDPAFMDS GLNTTDL VAL SGAHTI GRARCTTFSNRFNTTHPQDPS MDPA GFSAQDMVAL SGGHTL GYARCTSFRQRLYNDPAFMDS GLNLTDV VSL SGAHTI GRARCTLFSNRFSGTGAPDTTIL SR GLDAKDQVV SL SGAHTI GYARCTSFRQRLYNDPAFMDS GLNLTDV VSL SGAHTI GYARCTSFRQRLYNDPS LSP GLSPADDMVAL SGGHT LGFSHCSSFTQRI HNFSRTDPS I DR GLSPADDMVAL SGGAHT LGFSHCSSFTSRR TDPS I DR GLSPADDMVAL SGGAHT LGFSHCSSFTSR NRFSGTGAPDTTI SP GLSPADDMVAL SGGAHT LGFSHCSSFTSR NRFSRTDPS I DR GLAVRDMVAL SGGHT I GRSHCSSFTSR NYNFTSR DPS I DR GLAVRDMVAL SGGAHT I GRSHCSSFTSR NYNF SGTGMQDPS NNTAA KLTQDDMI ALSAAAHT LGFAHCSSFTSR NYNF SGTGMQDPS NNTAA KLNATDL VAL SGGHT I GRSHCSSFTSR NYNF SGTGMQDPS NNTAA KLNATDL VAL SGGHT I GRSHCSSFT TORLYPPTQ GLNATTDVVS LSGGHT I GRSHCSSFT TORLYPPTQ GLNATDVVS LSGGHT I GRSHCSSFT TORLYPPTQ GLNATDVVS LSGGHT I GRSHCSSFT TORLYPPTQ DPT MAQ GFT QE MVTL SGGAHT I GRSHCSSFT TORLYPPTQ DPT MAQ GFT TQE MVTL SGGHT I GRSHCSSFT TORLYPPTQ DPT MAQ GFT TQE MVTL SGGHT I GRSHCSSFT TORLYPPTQ DPT MAQ GFT TQE MVTL SGGHT I GRSHCSSFT TORLYPPTQ DPT MAQ
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UniRef90_M7YT16	QLSPAYYDESCPH VYDTVRRVIQAARTAD	PR
UniRef90_Q4A3Y8	FYQAT <mark>C</mark> PKAETII <u>V</u> QSVVKS AII RTN	PT
UniRef90_S2JVZ4	DYAAVRRDI VAAIPTERY DK	G T
UniRef90_M4DBT3	SALAQLREGEYGRS CPRAESI VANVVA NRFRRD	RS
UniRef90_C5XIY1	A QL KVG F Y N T T C P N A E A L V R Q V V T A A F A N N	S G M P
UniRef90_C5XI20	S S D A Q L S T L F Y D K K C P N L H A I VR N V	PG
UniRef90_G7IJT9 UniRef90_M8BUA8	SSQGQLQVGFYSKTCPNAESIVSSVTQK TFERD SSQGQLQVGFYSKTCPNAESIVSSVTQK TFERD SSDAQLDPSFYRDTCP KVHSIIREVIRNVSKTD FYDTTCPSAETLVQQTVAA AFGND YAMGCPFAEYMVRDVVNK AVMAD FYDHSCPQLHQIIKSVVA QAVSRD	s Ġ
UniRef90_Q9M4Z3	FYDHSCPFAEYMIVIKDIVVINK AIVIMAD FYDHSCPQLHQLLKSIVVIA QAIVISRD	r I R R
UniRef90_A3LQQ1		GS
UniRef90_V4UK69	QLSVDYYAKSCPQLEQLVGSV TSQQFKEA	PV
UniRef90_V7BSE4	A QLDSSFYNVTCPNVHSLVSDVLSNVSESD	PR
UniRef90_M8AA24	LRQPIVAQGES FDFYRQLCPRAESI VRDFVLDAKD	∐G
UniRef90_V7BEK0 UniRef90_B6THG0	A KIL NVID Y Y K E T C P E F P K I V M E N I F T K Q S T S	P A G
UniRef90_D8QQ91	GKSYPEYKAAVEKAKRKLRG FLAE	KŅ
UniRet90_A0A059C780 UniRef90_P19135	QMSFDHYAKS <mark>C</mark> PQIVIEQILIIGSIVI TSQQFKEA TFYDES <mark>C</mark> PD VISNI VIRRIV VIQQAI VISDF	P [V] R
UniRef90_M5XMU7	A QUI Q D Q F Y G T R C P N A E Q I V A D V V S K A V E A D Q K L P	.,
UniRef90_I3SIA8 UniRef90_M0YYF2	A QILIS P S F Y N K IVI <mark>O</mark> P Q AILIPIV I IN SIVIR A I <u>I LI</u> R E A K ILIS T R F Y A R T <mark>C</mark> P N IVIE A II V IR SIVIM A PAIVIA G E	кк РR
UniRef90_A2Q4B7	FYASS <mark>C</mark> RKAESI VKQV VQK RFNRD	KS
UniRef90_M4DY92	FYSKT <mark>C</mark> PHA <u>EGL</u> VRK <u>VV</u> AA <u>M</u> KK <u>A</u>	PT
UniRef90_A0A022R876	E E Y L K AV E K A K K K L R G L L A E K N C	D G
UniRef90_I3T3A4	ANAQLTPTFYDRS <mark>C</mark> PKLQTI VRNA <u>MV</u> QTIK KE	ΑR
UniRef90_V7BKL4	FYKTT <mark>C</mark> PSAESI VRSAVEKAVSIN	PG
UniRef90_J7IER7	FYAKS <mark>C</mark> PEAEAIVKKVIA QTLSVA	PS
UniRef90_C5X3D2	A GLIAVIG F Y S Y S C P N A E A I V R G V V T K A V Q Q N	P G
UniRef90_Q9AS12	FYNKT <mark>C</mark> PSAERL VQQAVAA A AFKNN	s Ġ
UniRef90_UPI00042B2358 UniRef90_P84516	SCPRAESL VRAAVQRRFSRDRS NAROPPIAPGISEDEYKRSCPKAESI VRSODAVRRD	I T V G
UniRef90_M4CQD4	S S D A Q D P S F Y R D T C P	Ρ̈́Τ
UniRef90_K3XJB5 UniRef90_UPI000009D270	FYDTT <mark>C</mark> PNAEALVRQ AVAAAFARD FYDTSCPNAFALVRO AVAAAFAKD	A G A G
UniRef90_UPI0002B4308D	STSSQLTVDFYRRS <mark>C</mark> PN VLRTVRREVINALK ND	MR
JniRef90_Q9SC55	A Q S S N G L S P H Y Y H K S <mark>C</mark> P E A L S L K S E D A V K K E	ΑR

UniRef90_I1NHR7 UniRef90_E9BQG1 UniRef90_Q5W5I2	V A P G L L R L G P S L I R Q A A G L L R	50 R L F F H D R L A WH E R L H F H D	60 70 80 CLT DGCDASLLITSNAYNPHAERDADL AASYDCFKKDGSPNSASMRFKPECLYEG CFVQGCDGSVLINSTS GEQTTPP CFVLGCDGSVLISGSNT ERTAVP
UniRef90_K7ZW11 UniRef90_K9USP7 UniRef90_UPI00032A9E96 UniRef90_I1P6Z9	I A P G I L R L A A G L I R Q A P G L L R M A A G L V R	R M H F H D	CFVQGCDGSVLLDGS PGERDQPA
UniRef90_Q94DM2 UniRef90_M0YQ04 UniRef90_D7U2P4 UniRef90_UPI0002C2E177	L A G P L L R I A A G L I R I G A S L L R	RLHFHD RMHFHD RMHFHD	F V Q G C D A S L L D S T T E K S E K L A P P C F V C D A S V L D S A N K T A E K D A C C C C C C C C C
UniRef90_V4SQC7	C A P I M L R T V P A T I R V A A G L V R Q A A A L L V	RLAWHD RLFFHD RMHFHD VVFFHD	AGTYDKATKTGGPNGS IRFPQEYSHAA DFVQGCDASVIIQ STGNNTAEKDHPD FVRGCEGSVLLDSTSSNTAEKDSPA DFVQGCDGSLLLDGN PGERDHPL
UniRef90_V7BR19 UniRef90_K7UD01	G A S L V R A G S L L R M G A S I L R L A G P L L R	R L H F H D R L H F H D R L H F H D	F V Q G C D A S V L L N N T A L L E S E Q D A L P F V Q G C D A S V L L D S A D G N T A E K D A Q A F V L G C D A S V L L D D V G G V V G E K S A L L D D V G G V V G E K S A L L D S T K G N L A F R D A K P
UniRef90_Q0VYC8 UniRef90_M4DNB9 UniRef90_C5WRN7	Q A A G L L R I A A S I L R I I A S I I R	R L H F H D R L H F H D	F V R G C D A S V L L D S T Q G N R A E K D A P P R G C D G S V L L D S T P T E K S E K L A P P R G C D G S V L L D S A N K T A E K D A L P F V N G C D A S V L L D D T P G N L S E K E H P A F V N G C D A S V L L D D T P G F L G E K T A V P A G T Y D K A T K T G G P N G S I R F P Q E Y S H A A C F V Q G C D A S V L L D S T S S N T A E K D H P D F V R G C E G S V L L D S T S S N T A E K D S P A C F V Q G C D A S V L L N N T A I I E S E Q D A L P C F V Q G C D A S V L L N N T A I I E S E Q D A Q A C F V Q G C D A S V L L D D V G G V V G E K S A I P F V R G C D A S V L L D S T K G N L A E R D A K P F V R G C D A S V L L D S T K G N L A E R D A K P F V R G C D A S V L L D S T K G N L A E R D A K P F V N G C D A S V L L D S T K G N L A E R D A K P F V N G C D A S L L L D N T T T S F R T E K D A Q F F V N G C D A S L L L D E T P T M R S E K A A D P C C P C C D A S L L L D E T P T M R S E K A A D P C C P C C D A S L L L D E T P T M R S E K A A D P C C P C C D A S L L L D E T P T M R S E K A A D P C C P C C C D A S L L L D E T P T M R S E K A A D P C C C C C C C C C C C C C C C C C C
UniRef90_M0RR04 UniRef90_I3T2D8 UniRef90_C4QZP5 UniRef90_D8R9L0	M G A S L V R M G A S L V R M G A S L L R L A P N I V R I A A S L L R	RLFFHD RLHFHD RLAWHV	FVNGCDASVLLDDTPTMLGEKNAVT FVNGCDGSILLDGD EDSEKFAAP SATYDQRTGTGGSNGCTIRFPPELTDPG
	V P A R I L R C A P I M L R Q A A G L L R I A A S L L R	R M F F H D R L A WH D R L H F H D R L H F H D	AGTY <mark>C</mark> AKTKTGGANGS RNEEEYAHGA C FVMG <mark>C</mark> DGSVLLDGSAGGPSEKSELP
UniRef90_G7IJV0 UniRef90_UPI0002BCAD5E UniRef90_Q8G7S1	LLASFIR MGASLLR LGASLVR	R L H F H D	FVNGCDASILLINNTATIOSEKTALP
UniRef90_V7ARS1 UniRef90_M7ZP10 UniRef90_K4DH07 UniRef90_UPI0002B41E69	I A A GL V R A A A T L R V P A A L L R G A K L I R	RMHFHD RLFFHD RMHFHD	AGTYSKEDGTGGSNG TQRFAPESAHGA FIRGCDASVLLDSTPSNTAEKDSPA VCDASIMIVNSNGDDEWGSPDDQSLK FVRGCDASVLLNSTRNNKAEKDGPP FVDGCDASVLLENAPGI DSELDAPG FVRACVVLVLLDSTSSNKAEKHSTA
UniRef90_W8PWH3 UniRef90_M4CA55 UniRef90_Q5ZF79	V A A G L V R I T A A L T R C A P I M L R L A G P L L R	RLHFHD RMHFHD RLAWHD	FVRACVVLVLLDSTSSNKAEKHSTA CFVQGC DASLLIDPTTTQPSPEKNAGP AGTYDVSTKTGGPNGS IRNEEELTHGA
UniRef90_V7BLL7 UniRef90_I1NJ70 UniRef90_M7YT16	M G A S L L R M G A S L L R I L A S L V R I G A S L L R	R L H F H D R L H F H D	F V R G C D A S V L L D S T S S N K A E K H S T A G P A G T Y D V S T K T G G P N G S I R N E E E L T H G A C F V R G C D A S V L L D S T P G H L A E R D A K P C F V N G C D A S V L L D D T S S F T G E K S A A A C F V Q G C D A S V L L D D D T A N F T G E K N S A P C F V N G C D G S I L L D D D G P A I N S E K N A A P C F V N G C D G S I L L D N N V N G T I Q S E K D A A P C F V N G C D A S V L L D D G S T S E Q T A S T N S H L C A T Y D R H Q N N G G S Q G G T M R F E E Q Y S D P A C T F E G C D A S V L V A T N S F N K A E R D D F I
UniRef90_Q4A3Y8 UniRef90_S2JVZ4 UniRef90_Q2A989 UniRef90_M4DBT3	Y A P G K L R F G P S M I R T A A G T L R	RLFFHD RLTWHS RVFFHD	F V N G C D A S V L L D G S T S E Q T A S T N S H L A T Y D R H Q N N G G S Q G G T M R F E E Q Y S D P A C F L E G C D A S V L V A T N S F N K A E R D D E L E V R G C D A S I L L D P R P G R P S E K S T G P
UniRef90_C5XIY1 UniRef90_I1M883 UniRef90_C5XI20	VAPGLIR IAASLLR NGPGLVR SAAVLLR	R L H F H D R L F F H D	CFV RGCDASVLLSVNPAGGNTERQSRA CFVQGCDASIL LDDSARIVSEKNSGP CFVRGCDDAAPGSNASTVEKASQANNPS
UniRef90_G7IJT9 UniRef90_M8BUA8 UniRef90_I1I0G1	MLASLVR VAPAIIR LAAGLLR MAASLLR	R L H F H D R L H F H D	FVLGCDASVLLNKTDTI VSEQEAFP CFVKGCDGSVLI DSTPGNKAEKDSAP CFVQGCDASVL LDSTPKNTAEKDAPA
UniRef90_A3LQQ1 UniRef90_M0Z810 UniRef90_V4UK69	MGASLLR MGASLLR SGPATIR MLASLIR	RLAWHC RLFFHD RLFFHD	ATYDISTGNGGSNGATMRFVPEITDEG FVNGCDGSVLLDDSSTLT GEKNAGP FVEGCDGSILIATKPGSKELAEKDALG FVGGCDASILINDTATI VSFQTAAP
UniRef90_P48534 UniRef90_M8AA24 UniRef90_V7BEK0 UniRef90_B6THG0	A P L I L R L A A G L L R T A P G I L R L A A A L I R C A P L M L R	R L A WHS R L H F H D R L F F H D	ATYDRHQNNGGSQGGTMRFEEQYSDPA CFLEGCDASVLVATNS FNKAERDDEL CFVRGCDASLLI DPRPGRPSEKSTGP CFVRGCDASLLI DPRPGRPSEKSTGP CFVRGCDASLLI DPRPGRPSEKSTGP CFVRGCDASILL LDDSARIVSEKNSGP CFVRGCDASILL DDSARIVSEKASGANNPS CFVRGCDASILL DDSTPKNTAEKDSAPA CFVRGCDASVLL DNKTDT VSEQEAFP CFVRGCDASVLL DNSTPKNTAEKDSAPA CFVRGCDASVLL DNGGGI VSEKGSNP CFVRGCDASLLLDNGGGI VSEKGSNP CFVRGCDASILL DNGGGI VSEKAGSNP CFVRGCDASILL NDTATI
UniRef90_A0A059C780 UniRef90_P19135 UniRef90_M5XMU7	A G A R L I R	R L H F H D R L F S H D	CEIVING CDG SIVIII FD QPGVVIS FILA A PG
UniRef90_I3SIA8	I G A S L L R	R L H F H D	F V N G C D G S V L L D D T R N F L G E K T A F P
UniRef90_M4DY92 UniRef90_A0A022R876 UniRef90_B6T173 UniRef90_I3T3A4	LGAPLLR APIMLR IGAGLIR MGASILR	RMFFHD RLAWHS RMHFHD RLFFHD	OF VRGCDASLLI DSTKNN SEKDTGA CFVQGCDASVLLDNSS EFKSEKEAGP CFV RGCDGSVLLDSS NNQAEKNAVP AGTFDQCSRTGGPFG TMRFDAELAHGA CFVRGCDASILI NSTPGNLAEKDSVA CFV NGCDGSILI DDGTTFVGEKNAAP
UniRef90_I1J9L0	LAASLLR	HEHD	FVMGCDASVLLDNVEGMTSEKLAGP
UniRef90_UPI0002C32994 UniRef90_Q9AS12 UniRef90_UPI00042B2358 UniRef90_P84516	L P P A L L R V A P G L I R A A L L R L A A G L L R	RLFFHD RLHFHD RMHFHD RLHFHD	CFVQGC DGSVLLNSSS NQAEKDAIP CFVQGC DGSVLLDPTTANPQPEKLSPA CFVKGC DASI LLDATPSGQPVEKLSEA CFVRGCDASVLI DGNDT EKTAPP CFVRGCDASI LL DSTSRTPSEKDAGP CFVQGCDASVL LDGSATGPGEQQAPP CFVRGCDASVLLTVNPGGGQ TERDAAP CFV RGCDGSVLLTVNPGGGQTERDALP CFV SGCDASVLLTVNPGGGQTERDALP CFV SGCDASVLLTDGS
UniRef90_M4CQD4 UniRef90_K3XJB5 UniRef90_UPI000009D270	VTAALLR TAAGLIR	R M H F H D	P F G C D A S L L I D A P N S E K T A G P C F G C D A S V L L T V N P G G G Q T E R D A A P

UniRef90_I1NHR7 UniRef90_E9BQG1	120 120 120 120 120 120 120 120
UniRef90_Q5W5I2 UniRef90_K7ZW11 UniRef90_K9USP7	NLSLRQAFKIINDLKQHVEAACCADILALAARDSVAMAGG NLNL RGFEVIDNAKTQLEATCCADILALAARDTVVEATRG
UniRef90_UPI00032A9E96 UniRef90_I1P6Z9	NGGLQTIDNIRALVHKECGRIVCADITVLAGRDAVFLSGGNTSL RGFEVIDSAKACFGVVSCADVLAFAARDALAVVGG
UniRef90_Q94DM2 UniRef90_M0YQ04 UniRef90_D7U2P4	N R G F G F V D R V K A A V K A C P D T V S C A D V L A L I A R D S V L L A G G N N P S L R G F Q V I N K A K A C P E T V S C A D I I A F A A R D G A L K V G G
UniRef90_UPI0002C2E177 UniRef90_Q0JEQ2 UniRef90_V4SQC7	N N N S L G G F E V V D R L K A K V E K A C C A D L L A L A A R D S V V H L G G N A G L K L A L D L L E P M K Q K H P K L T Y A D L Y Q L A G V V A V E V T G G N L G F D T V V K A K Q A V F Q F C N T V S C A D L L A L A T R D V L A L S G G
UniRef90_B9IDG3 UniRef90_I1MP39	NNPSLRGYEVVDDARAKLEAECCADILAFAARDSFDLTGG NRGLRTIDDLRNVVHNECGRIVCADITVLAARDAVYLSGG
UniRef90_V7BR19 UniRef90_K7UD01 UniRef90_I1HZ53	NRGFEVI DRIKELLESQCPGVVCADVLALAARDAVLLARG NVNSVRGYEVI DTIKASVESSCCADILTLAARDGTFLLGG
UniRef90_F2DZM1 UniRef90_Q0VYC8 UniRef90_M4DNB9	NKSL RGFGSVERVKACPGIVSCADVLIILMARDAVVLAKG NLTLRQAFRI I DDL RRRVHSRCCSDL LALAARDSVFLTGG NANSARGFPVI DTMKAAVERACCADMLTI AAQQSVTLAGG
UniRef90_C5WRN7 UniRef90_Q0D3N0 UniRef90_M0RR04	N N G S A R G F P V V N D I K A C P G V V S C A D I L A L A A E V S V E L A G G N A G S L R G F N V V D N I K T Q V E A I C C A D I L A V A A R D S V V A L G G N A N S I R G Y F V I D D I K S R V E A A C C A D I L A I A S R D A V T I L G G
UniRef90_I3T2D8 UniRef90_C4QZP5 UniRef90_D8R9L0	NENSARGFEVIDRIKSSVESACCADILALAARDSVQLSGG NTGLHPAMSALNLIQAKFPWISYADLYTFAGALAIEYLGG
UniRef90_A0A022PT28 UniRef90_Q9XFC0	NESLA A F YVI DA A KKS CPRTVS CA DVLA I A A R DV V V LS G G NNGLKKALD WCEEVKA KYPKLT Y A DLYQLA GV VAVEVT G G
UniRef90_B9SM73 UniRef90_Q9FX85 UniRef90_G7IJV0	NRNSVRGFEVIEDIKSDLESSCCADIVAVAARDSVIFLIGG NRNSVRGFEVIEDIKSDLESSCCADIVALAAREAVVLTGG NRNSIRGLDIVNQIKACPSVVSCADILALGANVSSVLALG
UniRef90_UPI0002BCAD5E UniRef90_Q8GZS1 UniRef90_B3VT95	N N N S I
UniRef90_V7ARS1 UniRef90_M7ZP10 UniRef90_K4DH07	NKPSLRGYEVIDHAKAQLEAVCCADIVAFAARDSVELAGGPQGFQTVLDAKAAVDKCRYKVSCADILALAARESVVQSGG
UniRef90_UPI0002B41E69 UniRef90_W8PWH3	N Q G I Q G L N I V D D I K K A C P R T V S C A D I L A F A A R D S F D L T G G N Y P S L R G F E V I D D A K A R L E A E C C A D I L A F A A R D S F D L T G G
UniRef90_M4CA55 UniRef90_Q5ZF79 UniRef90_I1GQL7	N N G L K L A L E F C E Q V K S K C A K L S Y A D L Y Q L A G V V A V X V T G G N K S L R G F G S V E R V K A K L E A A C C A D V L A L M A R E A V V L A K G
UniRef90_V7BLL7 UniRef90_I1NJ70 UniRef90_M7YT16	N
UniRef90_A0A022Q0L3 UniRef90_Q4A3Y8 UniRef90_S2JVZ4	NNNSARGFPVVDDIKACPGVVSCADIVALAAEVSVELAGGNTNSTRGFDVVDNIKSAVENSCCADILALAARDSVVELAGGRGFEVITAAKDRVETECPGVVCADILALAARDSVVETGLNKGLENARNALEPVHDKHPWITYADLYTLGGCVAVEQMGG
UniRef90_Q2A989	NESLGDAFDIVTRLKSCPGVVSCADILAQSTRDLITIVGG
UniRef90_C5X111 UniRef90_I1M883 UniRef90_C5X120	NKNSVRGFEVIDKIKA CPQTVS CADI LALAARGS TVLS GG LRGFSVISRAKRVLERR CRRTVC ADI VAFAARDA CGL MGG
UniRef90_V4T378 UniRef90_G7IJT9 UniRef90_M8BUA8	NI NS L R GLDV V N QI K A CPN T V S C A DI L A L S A QI S SI L A D G N F P S L R F F D V V D R A K A A L E A Q C C A D V L A F A A R D S V V L S G G
UniRef90_I1I0G1 UniRef90_Q9M4Z3 UniRef90_A3LQQ1	N K S L
UniRef90_M0Z810 UniRef90_V4UK69 UniRef90_V7BSE4	NANSLRGFEVIDAIKSRVDAACCADILAVAARDGVNLLGGNKGFESIRKAKALVESKCPGVVCADILAIAARDYIHLAGGNNNSLRGUDVVNOUKACPGIVSCADILAIAAAOTSSVLAKG
UniRef90_P48534 UniRef90_M8AA24 UniRef90_V7BEK0	NNGLDLAVRLLEPIKEQFPIVSYADFYQLAGVVAVELTGG NLTLRPVNDIRDRLERECRGVSCSDILALARDSVVASGG
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UniRef90_A0A059C780 UniRef90_P19135 UniRef90_M5XMU7	NAGENI VNNI KAAVEKACPGV VSCADI LAI AARDEVHLSGG NAGENI VNNI KAAVEKACPGV VCADI LAI ASVGSVNLAGG NVGL KGLEVI DEI KARLEAECCADI LAFAAREAVALAGL
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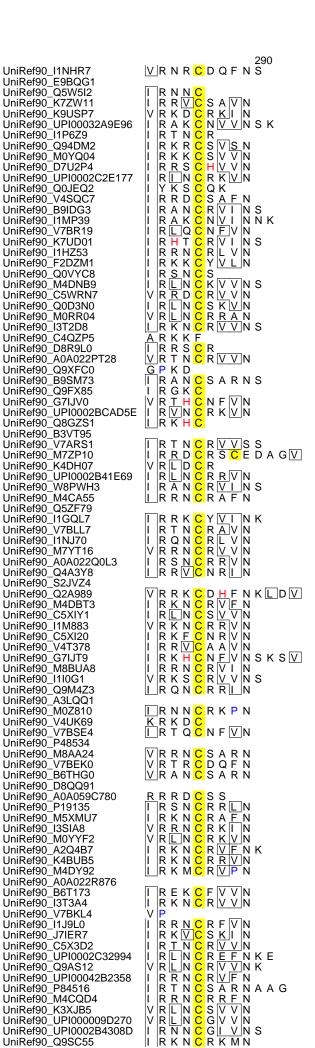
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UniRef90_M0YQ04 UniRef90_D7U2P4 UniRef90_UPI0002C2E177	PWYDVPLGRHDGSSFASEDAVLLPSPDSNVTTLLEALGKLPFWAVPLGRRDGSVSISNETDALPPPTANITVLTQLFDAVINYTVPGGRRDGRVSRKDEAESLPPPHFNAEQLELRFARKPSWQVYLGRRDSTSASRSAASTIPPPASNISSLLSSFAAQPTIDYVPGRRD SSDSPEEGRLPDAKKGAAHLREVFYRMPSYSVELGRLDGLSSTASSVSGLPQPTFNLNQLNSLFGAN
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UniRef90_V7ARS1 UniRef90_M7ZP10 UniRef90_K4DH07	LGYDVPAGRRDGRISLASDTRTLPPPTFNVNQLTQLFARK PYYQVELGRYDGKVSTKSSVV LPHVDFNLDKLNAFFSGL PSWEVPKGRKDGRLSKATETRQLPSPTFNMSQLQQTFAQR
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UniRef90_ UniRef90_ UniRef90	_V7CWS6 _D8QSH1 _I1H747	A QL IS Q N F Y S S C P N IV E S I V S Q A V T N K F T Q T L T L A T D F Y V R S C P E L P S I V R R V I A A K F A Q T P I V R G V V R O V M S C A V M N D T I	Γ V R
UniRef90_ UniRef90_	Q9LDY1 M4EXL4	LSPDYYKAT <mark>C</mark> PQADEI VVVSVLKKAL AKEQI	R R
UniRef90_ UniRef90_ UniRef90	_F2DK78 _UPI00032AC3D1 _C5WRN4	Y G F T C P Q A E S I V S E V V Q S Y Y Q N D N T QLT D D F Y D G C C P H A E D L V K A R V S A A M K A E P I	G T R
UniRef90_ UniRef90_	M4D993 W9S7Y4	QLTDDFYDGCCPHAEDIVKARRELRALIAKKNC EYLKEIDKARRELRALIAKKNC NAQLSTTFYASTCPNVSSIVRTVVQQVMNSDSR	D
UniRef90_ UniRef90_ UniRef90_	_NST070 _W9SAJ4 _D8SSH0	QLTDDFYDGCCPHAEDLVKARREKALIAKKNC EYLKEIDKARREKALIAKKNC NAQLSTTFYASTCPNVSSIVRTVVQQVMNSDSR QLSENFYAATCSNLDEVKREVSRTLFTVPPPDGGRI FIAEKI QLQTGFYASSCPNAESIVKSEVSKATQQDSRLP AQLQVGFYNTTCPNAEAL VRQAVTAAFANNSC KKVNSCPQLETISRDI	Ň
UniRef90_ UniRef90_ UniRef90_	_11HF23 _A5JW29 _B9RSX7	A QLIQVIGFYNTT CPNAEAL VRQAVIAA FANNSO TI KKVNSCPQLETLSRDLTWGRVASNP	J F
UniRef90_ UniRef90_ UniRef90_	_W5C9H3	KKVNSCPQLETISRDI TWGRVASNPI AQLNSDFYKESCPSLFH VVRRVVHRAVAREPI FYRRSCPRAQKI VREAVRNATSKN PO	R G R
UniRef90_ UniRef90_ UniRef90	Q0ZA67 _D8T9L5	S S Q A Q L T P D F Y N T T C P N A S N I T L G V L Q N A F N S D L S A E M G V A V L R P G F Y K E K C P A A E S L V K K V L Q Q A V E K D S R T	R
		S Q A Q L T P D F Y N T T C P N A S N I L G V L Q A V E K D S R T S D A Q L Q M N F Y A K S C P K A E K I I S D H I E K A Q L V E N F Y G S N C P N L E Q I V T Q S V Q T K F A Q T F Y R E T C P H A E E I I R E T A R I I R A S P D T S S N P A A E S I V R V C P K A E K I I S D H I E K C P A A E S I V K C P K A E K I I S D H I E K C P K A E K I I S D H I E K C P K A E K I I S D H I E K C P K A E K I I S D H I E K C P K A E K I I S D H I E K C P A A E E I I R E T A R I I R A S P D S T V E S T V E S T V E S N P A E C P A E E I I R E T A R I I R A S P D S T V E S N P A E C P K A E K I I S D P A E E I I R E T A R I I R A S N P A E I R S N P A E	∨
UniRef90_ UniRef90_ UniRef90_	_W9R3K3 _I1Q861 _K3YCH7	A S L Q Y N F Y G S S C P N A E Q T I S N V V Y G L I D A D P S	S
UniRef90_ UniRef90_ UniRef90		FYKTS <mark>C</mark> PDAEAIVRK TVSSYFSRDP ⁻ QLDSNFYRSR <mark>C</mark> PALEPISAAVARQIRKDPTS SNAEGLKLGYYYKT <mark>C</mark> PKAESIIRKTTYRSRAP ⁻	
UniRef90_ UniRef90_	J3MP38	QLDSNFYRSRCPALEPISAAVARQIIRKDPTS SNAEGLKLGYYYKTCPKAESIIRKTTYRSRAPT QLSPTFYDTSCPRALATIKSAVTAAV NNEAI STEAQLQMGFYSSSCPNAERIIAQDYV NRHIHNAPS AQLRRDFYADVCPNVESI VRSAVTK KFKQTFI ALSLNYYEKTCPDAEWIIAAAAVKAAAAK SSESKLTLDYYKKTCPGLQ QTIRQVITDKQIASSTT QLVKNFYKSTCPNVEQI VTQAVRN KFSQTII	R S
UniRef90_ UniRef90_	V4SDJ6 _A0A059D8L8	ALSLNYYEKTCPDAEWIIAAAVKAAAAK SSESKLTLDYYKKTCPGLQ QTIRQVITDKQIASSTT	T
UniRef90_ UniRef90_ UniRef90_		A LILIDIVIA I I DI N <mark>o</mark> i DAILIAI VIQUIVII AAMQND AI	
UniRef90_ UniRef90_ UniRef90	B4FQA9 M4FRL9	A QLIRLIN Y Y G S S C P S A E S V R S V I S Q R L Q Q S F A	
UniRef90_ UniRef90_	M0SC94	A A T T S R A Q D P S R L S L S Y Y S K T C P T A E E I V R A E M A C A A N P I F Y K N S C P R A D D I V F E Q M T E L F K T K P T A Q D G I	R N
UniRef90_ UniRef90_ UniRef90_	_Q40372 _A9PAV3	A S Y Y D K T C P D A Q N I V R T V M E R S V A A N P I P H F Y D N V C P Q A L P T I K S V V L H A I L R E K R I S T E A Q L K M G F Y N T S C P K A E K I V Q G F V N Q H I H N A P S V A A S D F P L T L D Y Y A K T C P T V F D M V R K E S E C A S N P I Y T L S C P M A E I V K N T V N A A L Q A D P T C S C T C S C T C S C T C S C T C S C T C S C T C T	S
UniRef90_ UniRef90_ UniRef90_	_W9QWI5 _W9RCB0 _Q45W81	GKSYPDYQKA V EKAKKK L KG F I A EK I	Κ .
UniRef90_ UniRef90_	W9S0U2	YDHT <mark>C</mark> PQ <u>L</u> JEA <u>V</u> JTKA <u>V</u> JKKAM SNDK ⁻	Γ
UniRef90_ UniRef90_ UniRef90_	B9GQQ9 F6HGE3	SALSSNYYEQTCPKLESAVTNAVKKANDK LSFSYYRQTCPDLEAI INRKVKEWLDKDYT	Γ D
UniRef90_ UniRef90_	_M0WWF3 _M0S4I5	PPTFYNTSCTQALAIIKTVAAAI ATDR: PSAGLKPNFYGSSCPNAEQIVQTIIYK EAEKNPI	S
UniRef90_ UniRef90_ UniRef90_	_M4CMA8 _B9HB89 _UPI00042B4E8B	F Y K E S C P L A E E II V K H N V E V A V L K D P I A S L F F N F Y G A S C P A A E L I V S N K V R S A S S S D P T L I F Y E T S C P L A E H I V Q S L T W T Y V A S N F	R P T
UniRef90_ UniRef90_ UniRef90	_I3SL83 _M7ZT03 _K4A2D7	LGSVNATLSKDYYYSSCPKLLDTVKCTVESAKEPISAKLSSNYYEQTCPKLLESAVTNAVKKANDKSSSSYYRQTCPDLEAI INRKVKEWIDKDYT WSPAFYDASCPELQSV VRRGM AQAVQKEAI ATDRSPTFYNTSCTQALAIIKTVAAAI ATDRSPTFYKESCPLAEEIVKHNVE VAVLKDPLFYKESCPLAEEIVKHNVE VAVLKDPLFYETSCPLAEEIVKHNVE TWTYVASNFFYETSCPLAEHIVQSL TWTYVASNFFYRKSCSQAEQIVKT TWTYVASNFFYRKSCSQAEQIVKT TIQQHVSSRPIQLSPSFYSTSCPNLASI VRAGMTSAVQ TERIFYKHSCPPAEVI VRDAVRNALLVN PORTION AND AVRNALLVN PORTION AND	E R G
UniRef90_ UniRef90_	UPI00032A4F67	YAKSCPQLEQLVGSV TSQQFKESP	✓ ✓
UniRef90_ UniRef90_	I3SGC2	YAKSCPQIEQLVGSV TSQQFKESP YHATCPNAEGI ISQKVAAWIKKD P AQLTLDYYAKTCPQFDSIVRDI SQQKQTEFP QLVENFYTSTCPNVEFI VAQAVTTKFTQTITTO KRIRCQFLRKLK DVTAK FISTPS	A G
UniRef90_ UniRef90_ UniRef90_	V4LEA3	NCOLDED LA COLON C	r
UniRef90_ UniRef90_ UniRef90	_W5W142 _C5X3C9 _F2CTF4	FYKRSCPYAEEI VREAVRNAL NVNPO QLRQDYYSASCPNVEAIVQAAVAL KVQQTPE FYEQTCPHLEHIVKEI SDQVMAVAPS PVVAGLSWGFYDTSCPSVEGIVRWHVTEARDIO AQLDEKFYDGSCP GVHRIVRVLKEAHQAD VI SAQLSPTFYQNTCPNVSSIVGQVLQ QALQKDSI VNPSESRLSVNYYQKSCPRFSQIMQDTIKQITSP	G V
UniRef90_ UniRef90_	K9P2L3 I1PR60	FYEQT <mark>C</mark> PHLEHIVKEIT SDQVMAVAPS	S G
UniRef90_ UniRef90_ UniRef90_		PVVAGLSWGFYDTSCPSVEGIVRWHVTEARDI AQLDEKFYDGSCP GVHRIVRRVLKEAHQAD VI SAQLSPTFYQNTCPNVSSIVGQVLQ QALQKDSI VNPSESRLSVNYYQKSCPRFSQLMQDTLKQLTSP	
UniRef90_ UniRef90_ UniRef90_	CUKKIS	C P Q A E A V V A NA II A Q N P P	J
UniRef90_ UniRef90_ UniRef90	COKKI3 W1PLY5 K4D7T6 M8B936 UPl0002C3409D	S VT S F A S D P D L K K A R E D L R Q L L K T T F V S S A L Q V G F Y A K K C R A A E S L V Q Q E V S F S T D R S Y H K T C H N A E K I V R E V V E D A V K A N P O F Y A S S C P K V E D L V T E V V A R L S K Q D P F Y N Q T C P S A E E A V R D V V T S E L G L D R T L P I T Q S K L I P Y Q K S C P K F E D L V K Q T V T D K Q K T T P S	S G T
UniRef90_	_G7LEQ9	PIT Q S KILIPY Q K S C P K F E DI V K Q T V T D K Q K T T P S	S
JniRef90_	_C5WV87	H F Y A R S C P R A E A L VR R A A H D R S	<u> </u>

UniRef90_M4E2Z8 UniRef90_F2E9F5 UniRef90_V7BSE8 UniRef90_W0SKX8 UniRef90_D8QSH1 UniRef90_D8QSH1 UniRef90_IHZ47 UniRef90_M4EXL4 UniRef90_G2L78 UniRef90_W57X8 UniRef90_W57X8 UniRef90_W57Y4 UniRef90_W57Y4 UniRef90_W57Y4 UniRef90_W57Y4 UniRef90_W5XYU78 UniRef90_W5XYU78 UniRef90_B8SSH0 UniRef90_B8SSH0 UniRef90_B9RSX7 UniRef90_B9RSX7 UniRef90_R0GN22 UniRef90_W5C9H3 UniRef90_UPI0002B4505D UniRef90_UPI0002B44722 UniRef90_A0ASAB1 UniRef90_ASAB1 UniRef90_ASSAB1 UniRef90_Q5C9C700	SO
UniRef90_S8E7Q0 UniRef90_B4FQA9 UniRef90_B4FQA9 UniRef90_M4FRL9 UniRef90_J3MEL0 UniRef90_J3MEL0 UniRef90_Q40372 UniRef90_Q40372 UniRef90_W9QWI5 UniRef90_W9QWI5 UniRef90_W9QWI5 UniRef90_UP100042B0A87 UniRef90_UP100042B0A87 UniRef90_UP100032A9090 UniRef90_UP100032A9090 UniRef90_B9GQQ9 UniRef90_MYZE8 UniRef90_MWWF3 UniRef90_MOS4I5 UniRef90_MOS4I5 UniRef90_MCMA8 UniRef90_J15 UniRef90_W5AE8B UniRef90_W6AE8B UniRef90_UP100042B4E8B UniRef90_UP100042BAE8B UniRef90_UP100042BAE8B UniRef90_UP100042BAE8B UniRef90_UP100042BAE8B UniRef90_UP100042BAE8B UniRef90_UP100042BAE8B UniRef90_UP100032AA3BC UniRef90_W0RFS6 UniRef90_UP100032AA3BC UniRef90_UP100032AA3BC UniRef90_UP10032AA3BC UniRef90_UP100A2CC3A09D UniRef90_UP100A2CC3A09D UniRef90_UP1CABC	A A F I I R L H F H D C F V R G C G C D A S S T V R L F F H D C F V R G C G C D A S S T V R L F F H D C C F V R G C G C D A S S T V R L F F H D C C F V R G C G C D A S S T V R L F F H D C C F V R G C C D A S S T V R L R F F H D C C F V R G C C D A S S T V R L R F F H D C C F V R G C D A S S T V R L R R M H F H D C C F V R G C D A S S V L L D D T T P N F T P G E K K A A A P A A A L I R R M H F H D C C F V R G C D A S S V L L D D T T P N F T P S G E K K A A A P A A L I R R M H F H D C C F V R G C D A S S V L L D D T T P N F T P S G E K K D A A P A A A L I R R M H F H D C C F V R G C D A S S V L L D D T T S G E K K D A A P A A L I R R M H F H D C C F V R G C D A S S V L L D D T T S G E K K D A A P A A S S L L R L R F F H D C C F V R G C D A S S V L L L D A T T S G E R K D A A P A A S S L L R L R F F H D C C F V R G C D A S S V L L L D D T T S G E R K D A A P A A S S L L R L R F F H D C C F V R G C D A S S V L L L D A T T S G E R K D A A P A A S S L L R L R F F H D C C F V R G C D A S S S S S S S S S R R N A G D P P A A A S L L R R M H F H D C C F V R G C D A S S S S S S S S R R N A G D P P A A A S L L R R M H F H D C C F V R G C D A S S S S S S S R R N A G D P P R R P R P R P R P R P R P R P R P

UniRef90_M4E2Z8 UniRef90_F2E9F5	90 100 110 120 LRGFELIEDIKSELEKSCPGVSCADILTAASRSATYQLGG QTLLD_AKAAVDSDPQCRYKVSCADLIALAARESVFQSGG
UniRef90_V7BSE8 UniRef90_M0SKX8 UniRef90_V7CWS6 UniRef90_D8QSH1	LRGFELIEDIKSELEKSCPGVSCADILTAASRSATYQLGGQTLLD AKAAVDSDPQCRYKVSCADILALAARESVFQSGGNRGLDVINNIKTAVEKSCPGKVSCADILALAARESVFQSGGNRGLDVINNIKTAVEKSCPGKVSCADILALAARDSVVLGGGNLNSLRGFDVVDGIKACPDTVSCADVLAIAARDSVVLLGGGNLNSLRGFDVVDDGIKACPDTVSCADVLAIAARDSVVLLGGGNLGFDAVIKAKAAVESKCPGVVCADILALSTRELVVLIGGNLGFDAVIKAKAAVESKCPGVVCADILALAARDSVNLLGGNKNSIRGFEVIDSIKACPHTVSCADILAAARGSTVLSGGNKNSIRGFEVIDSIKACPETVSCADILAAARGSTVLSGGNLNSLRGFEVIDSIKACPETVSCADILAAARGSTVLSGGNLNSLRGFEVIDAIKACPETVSCADILAAARGSTVLSGGNLNSLRGFEVIDAIKACPETVSCADILAAARDSVNITGSNKTLRGFEVIDAKKACPETVSCADILAAARGSTVLSGGNKNSLRGFEVVDAAKAPLEGSCPRTVCADILAAARGSTVLSGGNKTLRGFEVVDAAKADLEKACPETVSCADILAAARGSTVLSGGNKTLRGFEVVDAAKADLEKACPETVSCADILAAARGSTVLSGGNKTLRGFEVVDAAKADLEKACCADILAAARGSTVTLSGGNKTLRGFEVVDAAKADLEKACCADILAAARSDSVNITGSNKTLRGFEVVDAAKADLEKACCADILAAAARGSTVTSGGNLSGGNKTLRGFEVVDAAKADLEKACCADILAAAARGSTVTGGNNLNSVRGFEVVDAAKADLEKACCADILAAAARGSTVTGGNNLNSVRGFEVVDAAKADLEKACCADILAAAARGSTVTGGNNLNSVRGFEVVDAAKADLEKACCADILAAARGSTVTGGNNLNSVRGFEVVDAAKADLEKACCADILAAAAKSCSGGNVSCGGNANSARGYDVVNNIKSCGSGVVSCADILAAIAAKSSVSLSGG
UniRef90_I1HZ47 UniRef90_Q9LDY1 UniRef90_M4FXI 4	NAGSTRGFEVIDSIKACPETVSCADILALAARDSVVLLIGG NKNSIRGFEVIDEIKACPHTVSCADTIALAARGSTVLSGG NLNSLRGFEVIDSIKACPETVSCADILAMAARDSVVVSGG
UniRef90_F2DK78 UniRef90_UPI00032AC3D1 UniRef90_C5WRN4	LRGFEVVNAARAALEQSCPRTVCADI LAFAARDSVNI TGS NKTLRGFDLIDDAKEECPETVSCADI I ALATRDAVALANG NLNSVRGFEVVDAIKADLEKACCADI LAIAAKYGVLLSGG
UniRef90_M4D993 UniRef90_W9S7Y4 UniRef90_K3YU78	N S G L K L A L D L C E D V K T K H P K I S Y A D L Y Q L A G V V A V E V T G G N A N S A R G Y D V V D N I K S C S G V V S C A D I L A L A A E S S V S L S G G N F N S L R G F D V I D R I K D E V E R N C C A D I L A L A A R A A V V A L E G
UniRef90_W9SAJ4 UniRef90_D8SSH0 UniRef90_I1HF23	NNGLDIAVRLLEPIKEQFPIISYADFYQLAGVVAVEVIGG NNNSLRGFEVIDTLKASLESSCCADILAFAARDSSVITGG NNPSLRGFDVIAAAKALVEQSCCADILAFAARDSVNTGTN
UniRef90_A5JW29 UniRef90_B9RSX7 UniRef90_R0GN22 UniRef90_W5C9H3	NRGFDVIDDIKAKLEEECPGQICADIIALAARDAVSFQFG SNNSVRGYEVIDKIKFKVEKICCADIIALITARDSVLLLGG NFPSLRGFEVIDAAKECPGRVSCADIIAFAARDASFFILSR
UniRef90_M0XHU1 UniRef90_Q0ZA67 UniRef90_D8T9L5	N N G S A R G Y D V V D A A K A A L E D A C C A D I L A L A A E I S V E L S G G N N N S A R G F E V V D A M K A C P G I V S C A D I L A I A S E Q S V N L S G G N R N S A R G F E V I D E I K A A L E K E C C A D V L A I A A R D S V V L T G G
UniRef90_M4ER86 UniRef90_UPI0002B43459 UniRef90_J3MI04	NLTL RGFGFVERIKECPKTVSCADIIALTARDAVVATGGNLGFDTVVKAKQAVENVCPGVSCADILALATRDVVNLAGGNKTLRGARVKDKLEKACPATVSCADLLALMASDAVVLAKG
UniRef90_W9R3K3 UniRef90_I1Q861 UniRef90_K3YCH7 UniRef90_M0T947	NSGI PGYAAIDAAKA <mark>UPGIVVSC</mark> ADI LALAARDAIVVLIKG LRGYDAVNKIKAAVEAV <mark>C</mark> PGKVCADI LAFAARDSVAKSGG NNGSVRGFEVIDAAKKACPETVSCADI VALAARDSVVI LQR
UniRef90_D8S7T0 UniRef90_UPI00042B25E8 UniRef90_J3MP38	NVSLRQ FÖVLEENKKCPGVVSCADIVALAARDATVQTGG NLSLQ GFHVIDAVKACPGVVSCADTLALVARDSVSMIYG NKNSLRGFNVIDSIKTQLEGMCCADILAVAARDSVVALGG
UniRef90_B9HHF1 UniRef90_UPI0002B4505D UniRef90_V4SDJ6	R G F E V N A A A A A B Q S C P R T V C A D D A A A A B D S V N D T T G G G C A D D A K A C C A D D A K A C C A D D A K A C C A D D A K A C C A D D A K A C C A D D A K A C C A D D A K A C C A D D A K A C C A D D A A A C C A D C C A D D A C C A D C C A D D C C A D C C C A D C C C C C C C C C
UniRef90_A0A059D8L8 UniRef90_UPI0002B4A722 UniRef90_J3MH57	NILSLIGDGFEVVITRAKECPDII VSCADII LALAARDILVITMVIGG NILGFDTVVKAKQAVEAACPGRVCADII LALAARDIVVVIAGG NQSLKPAKAAVDSDPQCKNKVSCADII LALAARDSVFLSGG
UniRef90_A9SAB1 UniRef90_S8E7Q0 UniRef90_B4FQA9 UniRef90_M4FRL9	NLGFDTVVKAKQAVEAACPGRVCADILALAARDVVVLAGGNQSLKPAKAAVDSDPQCKNKVSCADILALAARDVVVVLAGGNQSLKPAKAAVDSDPQCKNKVSCADILALATRDSVFLSGGNLNSARGFEIIDEIKQQLEDACCADIVAAAARDAVFLSGGNGPFVRGFEAIDEIKTQLEAQCCADLLAFSVRDSLVFTGVHSGINKAKAAVEALPGCAGKVSCADILAMAARDVVSLLGGNAGLKTARDFLEPVKSKFPWISYSDLWILSGVCAIQEMLG
UniRef90_M0SC94 UniRef90_A9TX19 UniRef90_J3MEL0	NIVIN SILIQGE ELL VID RII K Q KILIE A E CCA DIL LA LA R D A TII L VIG G N G R LE G F D A V D K I K A A LE G E CCA DIL LA F A A R D G V R L T G G N A SILA G F D V K F F I F K K C P A T V S C A D V LA LA S R D A V A MILIG G
UniRef90_Q40372 UniRef90_A9PAV3 UniRef90_W9QWI5	NI N S
UniRef90_W9RCB0 UniRef90_Q45W81 UniRef90_W9S0U2 UniRef90_UPI00042B0A87	N R G Y DIV I D D A K D QL E Q Q C P G V V C A DI L A MA A R D A V F F A G G N A G L D L A V R L L E P L K E Q F P T L S Y A D F Y Q L A G V V A V E I T NI S L H A F Y V I D N A K A V E A L C C A D I L A I A A R D A V A L S G G
UniRef90_UPI00032A9090 UniRef90_B9GQQ9 UniRef90_F6HGE3	N
UniRef90_M7Z2E8 UniRef90_M0WWF3 UniRef90_M0S4I5	N A N S L R G Y E V I D A I K A Q V E A S C C A D I V A L A A R D A C V Q L G G N A G S L R G F D V I E K I K A D V E A A C C A D I L A V A A R D S V V A L G G N A G F E V I D M V K E A L E Q A C P G T V C A D I V A L A A R D S V S F P F G
UniRef90_M4CMA8 UniRef90_B9HB89 UniRef90_UPI00042B4E8B	NIVIN SILIR G F E V I D Y II K A C P L IT V S C S D I I T M A A R D S V F L R G G N R S L G G F Q V I D S A K R N L E I F C C A D V V A L A A R D A V A I S G G N A G F D V I D E I K S K L E E T C P G V V C A D I L A L V A R D S V S F Q F G
UniRef90_I3SL83 UniRef90_M7ZT03 UniRef90_K4A2D7 UniRef90_M0RFS6	NANSARGFEVI DALKACRATVSCADI LALAARDSVVILIGG NFPSLRGFEVI DAAKAALERYCCADV VQYAARDAAFFLSG NNNSLRGFDVI DNIKSQVEAVCCADVI AVAARESVAALIGG
UniRef90_UPI00032A4F67 UniRef90_UPI00032AA3BC UniRef90_K4CIK2	
UniRef90_I3SGC2 UniRef90_H6UYB2 UniRef90_V4LEA3	NIL G F D T V I K A K Q A V E V A C P G V V C A D I L A L V A R D V I A L L G G N I G Y Q V I D A V K S A V E K I C P G V V C A D I V A L V A R D A I T L I K G N A G S L D G F E V I D D I K T A L E N V C A D I L A I A A E I S V S L A G G
UniRef90_M1C3C1 UniRef90_W5W142 UniRef90_C5X3C9 UniRef90_F2CTF4	NHKSLQGFKLIDELKACPKTVSCADIVAFAARDVSFQFKK NFKSLQGFKLKLGG NFPSLRGFDVVDAAKAALEKACCADVVQFAARDAAFFGSK NLSLAGGFDTVIKAKAAVDTQCGADIITMATRDVIGIIAGG
UniRef90_K9P2L3 UniRef90_I1PR60 UniRef90_I1H7Q3	NRGFQIIDKVKTAVEEACPGVVCADILATVARDVTAAMKG PSALKLIEDIRAAVHACGAKVSCADITTLATRDAIVASGG NNNSVRGYTVVDAVKACPGVVSCADILAVAAKISVELSGG
UniRef90_A9NN21 UniRef90_A5BLQ3 UniRef90_I1H556	R G F Q L I D E I K F E L E K T C P G V V S C A D I L A T A A R D A T I F A G G N H S L A G A F D L I T R I K A C P G V V S C A D I L A T A T R N L V V I T G G N L G F D T V I K A K Q A V E V A C P G V V C A D I L A L V A R D V I A L L G G N L G F D T V I K A K Q A V E V A C P G V V C A D I L A L V A R D A I T L I K G G N A G S L D G F E V I D D I K T A I E N V C C A D I L A I A A E I S V S L A G G N L G F D V I D D I K T A L E N T C Q G V V C A D I L A I A A E I S V S L A G G N L G F D V I D D I K T A L E N T C Q G V V C A D I L A I A A E I S V S L A G G N F P S L R G F D V V D A A K A A L E K A C C A D V V Q F A A R D A A F F G S K N L S L A G G F D T V I K A K A A V D T Q C C A D I L T M A T R D V I G L A G G N N N S V R G F D T V I K A K A A V D T Q C C A D I L T M A T R D V I G L A G G N N N S V R G Y T V V D A V K A C P G V V S C A D I L A T V A A K K S V E L S G G N R G F G V V D D M K A A V L E A C P G V V S C A D I L A T V A A K K S V E L S G G L R G F G V V D D M K A A A V E N E C S A T V C A D I L A V A A K L S V E L S G G C N R G F E L I D A I K D A V E A C P G V V S C A D I L A V A A R D L V T M V G G N R G F E L I D A I K D A V E A C P G V V S C A D I L A V A A R D L V T M V G G N R G F E L I D A I K D A V E A C P G V V S C A D I L A V A A R D L V T M V G G N R G F E V I D A A K E K L E K E C E G V V S C F S F L D F L W G G W K N R G F D V I V R A K T A L E L T C P G V V C A D I L A V A A R D L V T M V G G N F P S L R G F E V I D A A K E K L E K E C E G V V S C F S F L D F L W G G W K N R G L E V I D E L K T Q V E K E C P K T V C A D I L A F A A R D A A V A A G I N L S L G D G F E V V T R A K N M L E L E C C A D I L A A A R D A A A M A G K N M L E L E C C A D I L A A A R D A A A M A G K N M L D V I D D A K A A V E R S C P G V V C A D I L A A A R D A A A M A G K N M L E L E C C A D I L A A A R D A A A M A G K
UniRef90_C0KKI3 UniRef90_W1PLY5 UniRef90_K4D7T6 UniRef90_M8B936	NAGLVNALKLLQPIKEKYSGVVJGADILJAVAAKDLVIMVOGG NAGLVNALKLLQPIKEKYSGVTYADLEQLASATAIEEAGG NAGYEVIDAIKSRVEACPSTVSCADIIALATRDSVALAGG NEPSIRGEEVIDAAKEKIEKECEGVVSCESEIDEIWGGWK
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UniRef90_V7CWS6 UniRef90_D8QSH1 UniRef90_I1HZ47 UniRef90_Q9LDY1	PS WEIVING GRADATAPNAS GAT DILIPOTAMINATIVA ELLUSIETAS A
UniRef90_M4EXL4 UniRef90_F2DK78 UniRef90_UPI00032AC3D1	PYWELPLGRKDSKAYMKLANKNLPPPNATLHRLVKFFERQPNWDVEVGRIDGRTASQAATTSLPSPNSTVPTLISIFQKLNFYQVPSGRDGNLSTDAGAFTLPGPNLTAAGLVTGFEMR
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UniRef90_R0GN22 UniRef90_W5C9H3 UniRef90_M0XHU1	R P W P V A F G R K D G R I S E S E A T R D L P S P A A D F K T L L S Q F R S H P G W S V K L G R R D S T T A N F A A A N S I P S P A S T L N N L I N R F R A Q A R I N F R M R L D G R V S L S S E A L D F L P P P F F N L S Q L V D N F K A K P G W S V L L G R L D G L T S S K A D A E N L P G P F D G L D V L R A K F R N A
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UniRef90_UPI0002B43459 UniRef90_J3MI04 UniRef90_W9R3K3 UniRef90_I1Q861	P WWS V P T G R R D G R I S N T E A S N N I P P P T S N L T T L Q R L F A N Q P Q Y S V E L G R R D G L I S Q A S R A G N L P E P F F D L N Q L T N M F A A H P F W Q V P L G R R D G R S T A A S C A G Q L P P L C G N V T R M V E S F A A K F S W Q V P T G R R D G R V S L A A D V S S L P T P T E S L E A Q E Q K F S L K F S V V P A G R P D N V S S L P S V E S S L P T P T E S L E A G E L V Q S F A A K
UniRef90_K3YCH7 UniRef90_M0T947 UniRef90_D8S7T0	F S WQV P T G R R D G R V S L A A D V S S L P T P T E S I E A Q E Q K F S I K F V Y P V P A G R R D N V S S A F S V F S S I P S P F F D A G E L V Q S F A A K R W W D V K V G R R D S T T A S F S G N N N I P P P T S G L A N L T S L F A A Q G N Y Q V H T G R R D F V S K A S E A V A N I P S A F S D F D E L K A E F A S K P S W N V E F G R R D G R S S S D A M A A H L P S S R S S A Q P L I D S F A A V
UniRef90_UPI00042B25E8 UniRef90_J3MP38 UniRef90_B9HHF1	P F WEVPLGRRDGRÜSELNEÜFNLPSPFANITTLKQMFAÜK PSWTVGLGRRDSTTASMNSANNLPPPFFDLENLVKAFGDK PFWRVPTGRRDGTISRSSEANNIPPPTSNFTNLQRLFANQ
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UniRef90_UPI0002B4A722 UniRef90_J3MH57 UniRef90_A9SAB1	F F W D V L L G K K D A I I 3 3 Q A A V IN 3 I F 3 F K F N I V F Q L I K 3 F N A V
UniRef90_S8E7Q0 UniRef90_B4FQA9 UniRef90_M4FRL9	PTYKVAAGRRDMASTARN <mark>C</mark> IGNLPLPDTPLDRIIHMFTKK PSYGVELGRLDGKTFNRALVKHLPGPGFNLDQLNALFAQN PKVPFRPGRSDKDLAA <mark>C</mark> TPDGRLPDGAKGADHLRNLFYRM PYWDVPVGRLDSKTASLDQANSIPTPQQGLATLITKFLAK
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UniRef90_UPI00032A9090 UniRef90_B9GQQ9 UniRef90_F6HGE3	P S W D IV K L G R R D S R I A S S A A N N G I P A P I S N L N Q L L S R F S A L P T W D IV P K G R K D G R I S K A S E T R Q L P A P T F N I S Q L Q Q S F S Q R P F W M IV P Y G R K D G R IV S I D K F A O T IV P M G R F N IV T A L L F F F O S K
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UniRef90_M1C3C1 UniRef90_W5W142 UniRef90_C5X3C9 UniRef90_F2CTF4	PSWDVLLGRRDRTASRADAAAALPLAFDSLDVLSSKFSALPMWEVVTGRRDGRISKSSEALSIPSPFFNFTSLKQSFANKINYLVPSGRRDGRISKSSEALSIPSPFFNFTSLKQSFANKINYLVPSGRRDGRISLKDPTKFLPSPLFDVQQLQNSFAVKLHYSLPGGRLDGRISLKDPTKFLPSPNLSRLIQSFKVKPAYAVELGRLDGLVSTASNVDNLPPPSFNLSRLIQSFKVKPAYAVELGRLDGLVSTASNVDNLPPPSFNLDQLTAIFAANPYWEVETGRRDGRVSNMTEAFNLLPPFANITTLKQGFLDR
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UniRef90_A9NN21 UniRef90_A5BLQ3 UniRef90_I1H556	PSWNVQLGRRDSTTANATLVKTFASPTDSLSTI I TKFQKLPFYKVPLGRRDGLVSXANRVENLPRPTMSI SQI I SIFAVRADFTMPGGRRDGTYSNASEPKFLVPPTSTLAELVDSFVVKPYFPVPLGRKDKISKSTYVDSGLPKTTMPINQMIELFTKH
UniRef90_C0KKI3 UniRef90_W1PLY5 UniRef90_K4D7T6	PYFPVPLGRKDKISKSTYVDSGLPKTTMPINQMIELFTKH PKIPMKYGRVDPDQCPEEGRLPDAGPPSPADHLRDVFYRM PKYNIPTGRRDGLISNPSEVNSLTVEEALKFFTNKGFSLN SGFDMPAGRYDNVSLASETLPNLPPPFANVSVLEDMFRVK
UniRef90_M8B936 UniRef90_UPI0002C3409D UniRef90_I1Q6R6	S G F D M P A G R Y D N V S L A S E T L P N L P P P F A N V S V L E D M F R V K P R H T V P A G R H D R T S R A S D A D Y Y L P T P A M P L E K L L A M F A E R P F Y D V A A G R M D G L R S N M D D P G N M P T P S H Q V P R M S E L F V K R P F Y E L D L G R R D S L E S K S L D A E N Y P L P T M T N S Q V I D L F T S K
UniRef90_G7LEQ9 UniRef90_C5WV87	PFYELDLGRRDSLESKSIDAENYPLPTMTNSQVIDIFTSK VRYEVPTGRRDGTVSAAAEV NLPSPSASFAEALSAFRAV

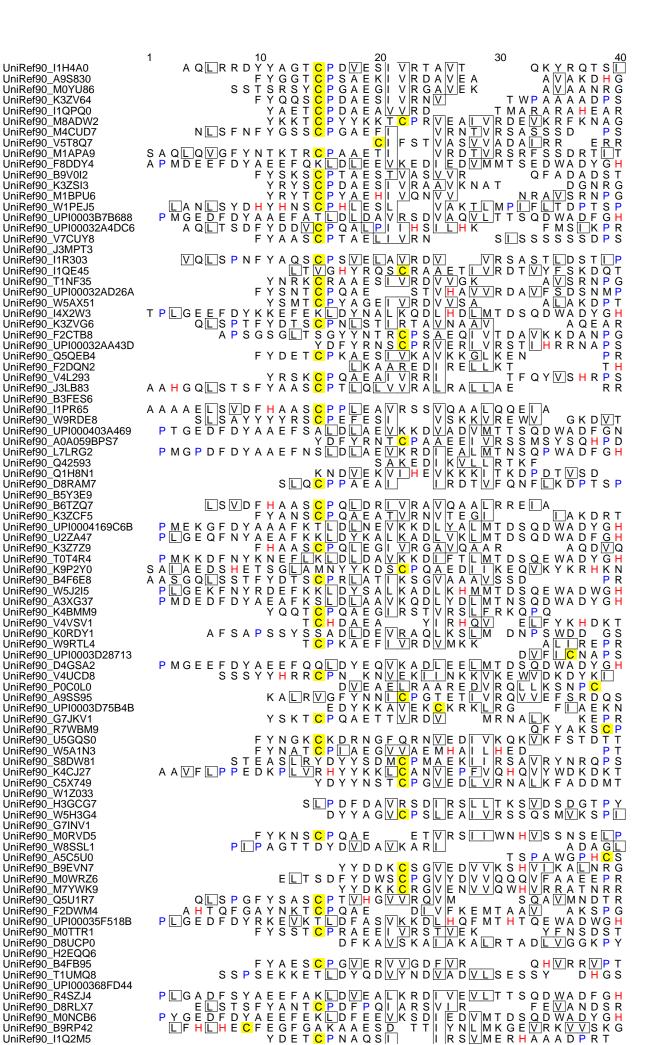
URRIGHO M4E228 URRIGHO JESEFS GL N I L DIL V Y S G A HT IL G K A V S O S RIL V N F N T G K D P S LD D P M N P T M C M D P M N P T M C M D P M N P T M C M D P M N P T M D P M N N P M N P M N N P M N P M N N P M N P M N P M N P M N P M N P M N P M N N P M N P M N N P M N P M N N P M N P M N N P M N N P M N N P M N M N
UNIXERSO DEQSHI GLED KIVID LANGE AND MY SERVER AND MY SER
Uniker90 M25L24 GL D T D M V W L S G S H T L G M A K C S S F L A R L Q P D R L L E K G M C S C S F L C A R L Q P D R L L E K G L M R L M
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UniRef90_M7ZT03 NLSPRDMTALSGAHTVGRAQCQFSRSRIYNETNIHASFAA UniRef90_K4A2D7 GMNIDDLVVLSGSHTIGRSFSFSDRISTPPSDMDPGLA UniRef90_M0RFS6 GLGTTDMVALSGAHTIGQARCISFRDRIYNETSIDSSLAT UniRef90_UP100032A4F67 GLTTQDMVALSGAHTIGFAHCKNFLYNYRGKGQPDPNMP UniRef90_V0100032AA3BC GLDMLDLVTLSGSHTITCSYSVMNRLYNFNTGKPDPSLNI
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JAIRS JAIR	UniRef90_J3MI04	PFTGAYVRQASTGKGHFFRDFGESMVKMGGIIGVLTGEQGE
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JniRef90_K4D7T6 R S S A G I V E N F S I N P K A F Q Q A F A N A L I K L G N T Q V L E G K F G E JniRef90_M8B936 Q T T L R L V D N H A K D P Q E W L K Q F K A A M V K M G S I E V K T E A N G Q JniRef90_UP10002C3409D S R T G G L V N A M A A S S D T W S T K F L R A I I K M G R S N V L T E D E G E JniRef90_I1Q6R6 P E T K T T T V D L F A G D N A V W Q E K F A A A M Q K L G A V D V L V G E K G Q JniRef90 G7LEQ9 K R T K P F V D M Y A E N Q T K F F E D F G N A M R K L I S V L H V K E G K D G E	UniRef90_W1PLY5	P S F K E Y A E K Y A S D Q D A F F K D Y A E A H A K L S N L G A K F
UniRef90_UPI0002C3409D	UniRef90_K4D7T6 UniRef90_M8B936	R S S A GII VIF N F S II IN P K A F Q Q A F A N A II I IKII IG N T Q IV I IF G K F G F
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UNINGO CSW/87 GIVIA RRIVA WEAT PROCHED DE A DE MIZIKI CEVINIVITO COCE	UniRef90_I1Q6R6	PETKTTVDLFAGDNAVWQEKFAAAMQKLGAVDVLVGEKGQ
	UniRef90_C5WV87	GVARRI VAMFATRPGNFRRQFARSMVKLGSVNVLTGSQGE

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UniRef90_V7CWS6	R R D <mark>C</mark> T A F N S
UniRef90_D8QSH1 UniRef90_I1HZ47	I RRDCAAFN I RLDCRKVNS
UniRef90_Q9LDY1	I RKN <mark>C</mark> RVVNKK
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UniRef90_W5C9H3	I R K M <mark>C</mark> R <u> V</u> V N
UniRef90_M0XHU1 UniRef90_Q0ZA67	V R A R C A F V N S
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UniRef90_M7ZT03 UniRef90 K4A2D7	VR <u>K</u> N <mark>C</mark> RVVNSK
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UniRef90_C5X3C9	I RQN <mark>C</mark> R <u>V</u> TN I RKSC
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UniRef90_K4D7T6	I R K N <mark>C</mark> R A F N
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UniRef90_F2DQN2 UniRef90_V4L293 UniRef90_V4L293 UniRef90_V4L293 UniRef90_B3FES6 UniRef90_U1PR65 UniRef90_UPR000403A469 UniRef90_UPR000403A469 UniRef90_A0A059BPS7 UniRef90_Q42593 UniRef90_Q1H8N1 UniRef90_D8AM7 UniRef90_B5Y3E9 UniRef90_B5Y3E9 UniRef90_UP10004169C6B UniRef90_UP10004169C6B UniRef90_U2ZA47 UniRef90_W5ZZF5 UniRef90_U2ZA47 UniRef90_K3ZT29 UniRef90_W5ZT29 UniRef90_W5ZT29 UniRef90_W5ZT29 UniRef90_W5ZT29 UniRef90_K3ZT29 UniRef90_K3ZT29 UniRef90_W5ZT29 UniRef90_W5ZT29 UniRef90_W5ZT29 UniRef90_W5Z15 UniRef90_UP10003D28713 UniRef90_UP10003D75B4B UniRef90_Q7JKV1 UniRef90_R7WBM9 UniRef90_G7JWM9	OHP
UniRef90_W5A1N3 UniRef90_S8DW81 UniRef90_K4CJ27 UniRef90_C5X749 UniRef90_H3GCG7 UniRef90_W5H3G4 UniRef90_M7H3G4 UniRef90_M7H3G4 UniRef90_M6NVD5 UniRef90_M8SSL1 UniRef90_B9EVN7 UniRef90_B9EVN7 UniRef90_M0WRZ6 UniRef90_M7YWK9 UniRef90_G25U1R7 UniRef90_G25U1R7 UniRef90_F2DWM4 UniRef90_UP100035F518B UniRef90_D8UCP0 UniRef90_B4EQQ6 UniRef90_B4EQQ6 UniRef90_B4FB95 UniRef90_T1UMQ8 UniRef90_T1UMQ8 UniRef90_UP1000368FD44 UniRef90_R4SZJ4	LAPSLLRMHYHDCFVQGCDGSIMLR SRRGTAERDATPVAPALIRLFFHDCFVQGCDASILLEDAYGRNDTEKYATPITAKLLKLLYADCMWNGCDASVLLTGPNTERNSSKLPASLLRLHFHDCFAAGCDATIMLRSRNGTAQRDADPNGALFVHAAWQCASTFRITDYAGGCNGAKIRFSPQKDWPVSAPATLRLFFHDCFAAGCDASVLLTGPNTERNSSKLPASLLRLHFHDCFAAGCDASVLLTGPNTERNSSKLPASLLRLHFHDCFAAGCDASVLLTGPNTANANDYTLKDSSLAPGTEKTAFPAKLLRLFFHDCFVRGCDASVLLTGPNTANFTGEKTAFPSVAEMDSARTYRGSDMRGGANGARIRLAPQKDWEGAFISMIALYWQGCDASVLLDASGVNPRPEKVAPVMGASLLRLHFHDCFVRGCDGSILLDGADAEKFALPAGAALVRLTFHDCFVRGCDGSILLDGADAEKFALPAGAALVRLLFHDCFVRGCDGSILLDGADAEKFALPAGAALVRLLFHDCFVRGCDASVLLDASPENPHPEKEAPVAAGAAVLRLFYHDCFVQGCDASVLLDDTANFTGEKTAGPNGAALVRLLFHDCFVRGCDASVLLDDTANFTGEKGVGPPLAGSLLRLFSVDCFVRGCDGSVLLDDTANFTGEKGVGPPLAGSLLRLFSVDCFVRGCDASVLLDDTANFTGEKTAGPNGAALVRLLFHDCFVQGCDGSVLLDDTANFTGEKTAGPNGAALVRLLFHDCFVQGCDASVLLDDTANFTGEKTAGPVAAGAAVLRLFYHDCFVQGCDASVLLDDTANFTGEKTAGPVAAGAALVRLLFHDCFVQGCDASVLLDDTANFTGEKTAGPVAAGLRLHFHDCFVQGCDGSVLLSGASAAERSAVQYGALFANLAYQCACSFRQTDYTGGCNGARIRFSPQKDWPNMQFQDWFVNGCDASVLLNSTAGSVAEKDAPPYAPILMRMAWHSSATYRVADGCDASVLLNSTAGSVAEKDAPPYAPILMRMAWHSSATYRVADGGGAGGAGARRAFSPUNSWPD
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UniRef90_W5A1N3 UniRef90_S8DW81 UniRef90_K4CJ27 UniRef90_C5X749	N S I K G F G E I D L I K S E L E Q C C A D I I V L A A R E S V L L A G G N A R L D G Y L L I D K I K K C P R T V S C A D I L N L A V R D A V H Y A G A N A T V R G Y E A L E E V K E Q C P L T V S C A D L M A M A A R D A V N Y T K G
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UniRef90_R4SZJ4 UniRef90_D8RLX7 UniRef90_M0NCB6 UniRef90_B9RP42 UniRef90_I1Q2M5	NANLDKARRLLWPVKKYGQRISWADLLVLAGNVALESMGFGRGLKIINNIKRAVESCPETVSCADILALSARESVIALGGNVNLDKARRLLQPVKKKHGKKSWGDLILLAGNVALESMGFNAGLKKSLKVVEKAKKEVDAIQWADMIAVAGAEAVSVCGGNATLA GFDVIDGIKSELERSCCADVLALAARDAVAMLGG

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UniRef90_I1QPQ0 UniRef90_M8ADW2	S F A A K GILT A F D MIV V LIS G A H T IL GIVIS H C S S
UniRef90_M4CUD7	PIV VIAII IP I G R R D G I IV IS A A E NIV IP NII I ID I D F I IV ID K MII IN II IF S S K
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UniRef90_F8DDY4 UniRef90_B9V0I2	ETYGFAGGREDEWEPDEAVDWGPETEW PSEDVPTGRRDGKTSNURDADVUPDVKDSUEVURSKFAAN
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UniRef90_W1PEJ5	PRIRVPLGRRDSTTASNRRADTIPSSTVSVDNMLRIFMSK
UniRef90_UPI0003B7B688 UniRef90_UPI00032A4DC6	PSFDVPTGRRDGKTSNIRDADVLPDVKDSIEVLRSKFAAN VDFDMPAGRYDHVSLDSAAIANLPPPFASLKELKDMFAAK IYYDVQAGRRDGMSVDEMVTLSGAHSIGIAHC PRIRVPLGRRDSTTASNRRADTIPSSTVSVDNMLRIFMSK KTFGFAGGREDVWEPDEDVYWGPEDTW YWYKVLLGRRDAKIASKDADLNLPTGRRDMIKRESNK
UniRef90_V7CUY8 UniRef90_J3MPT3	PMIQIPTGRRDMVSVASNVRPNILDTSFTMDEMIKRFSNK PYYVVPLGRRDGTRSNAADTVALPPPFLNATELAQLFATH
UniRef90_I1R303	PIL VIPIVISII IG RIL ID GIL VISII IA S NIVIR A NIL L ID T G F SIVID A M A R F S A K
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UniRef90_UPI00032AD26A UniRef90_W5AX51	PAYQVPTGRRDGLVSKKSLADDMPDVSDSIQILKAKFLNK
UniRef90_I4X2W3 UniRef90_K3ZVG6	KTFGFGAGREDVWAPEEDVYWGNEKEW
UniRef90_F2CTB8	PYYDVPTGRKDGSLSRADDTSALPAATLKAAELIKVFVDH KTFGFGAGREDVWAPEEDVYWGNEKEW PSWTVLLGRRDSTSSFPNQNTDLPAPQSSLRNLIDAFGNK INIQMPGGRYDGRESFANETDQLPGPFSNLTALQESFGAK PFYPLYTGRRDGSNSFADITYELPSPYADLSQTLASFKSR ASWKVPTGRKDGLVSLVAEAGPLPGPRENVSEQIRKLDEI
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UniRef90_K3Z7Z9 UniRef90_T0T4R4	RTFGFAGGREDTWEPDQDVNWGAEMQW PSFAMPQGRTDSFRPASDDEITLPSPFEDVGNLLGNFTSK KTTGFAGGREDVWQPEEDIYWGLETEW
UniRef90_K9P2Y0	PY I PLKSGRRDGRKSRANI LEQL PDHNDSMSLVLERFSNI PSWTVPLGRRDSTTASASLANSLPGPSSSRSQLEAAFLKK
UniRef90_B4F6E8 UniRef90_W5J2I5	R T F G F G A G R F DIVIWE P D N DIVIN WG D F K T WIL VIH
UniRef90_A3XG37 UniRef90_K4BMM9	N M F G F A G G R E D V W E P E E V Y W G A E T E W P F Y P L K T G R R D S S S F A E D A T F E L P S P Q D D L S K I V S F S S K
UniRef90_V4VSV1	PSYPVFTGRRDG MTSTKESVDLPSPSILSWKESLA <mark>C</mark> FQSK
UniRef90_K0RDY1 UniRef90_W9RTL4	P
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UniRef90_A9SS95 UniRef90_UPI0003D75B4B	D N E A M D T C D D D C D IVIS D A D NIVINII D C D T IVISIVIA D A T D II E N A O
UniRef90_G7JKV1	PDIPFHPGRDD KAEPPQEGRLPDAKQGNDHIRQVFGAQ PDWEVRLGRLDSLTASQDNSSNIPSPRTNATALITLFQKY PSWTVPLGRRDSTTASLSLANSLPAPSFDVANLTANFAAK
UniRef90_R7WBM9 UniRef90_U5GQS0	GWYPIVIQI GRRDG RIVISSA QNIVIKILIPSPSII IPI IPQAII IA AFNSK
UniRef90_W5A1N3 UniRef90_S8DW81	
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UniRef90_C5X749 UniRef90_W1Z033	PAYQVETGRRDNVSRKEDAVRSLPPADGNVTVLTQYFAAQ HTVGKTHGNGKAEHLGPEPEAA
UniRef90_H3GCG7 UniRef90_W5H3G4	VITI D F L G G R T D A E N G N G D E L L A P R E Y Y N T T L I A V R D N I R I P N Y T V E I G R Y D R R K S M D R S V R I P H P G D N I D N I N A F E S T I I
UniRef90_G7INV1	LSWQVLTGRRDGRVSQASDVNNLPAPSDSVDVQKQKFAAK KLWKVKTGRRDGTISRRSEASDLPSPASNFSVLAGQFANK AGFDVRGDATDAQTDADSFDPLEPLADGFRNWLKQDYAVS
UniRef90_M0RVD5 UniRef90_W8SSL1	A G F D V R G D A T D A Q T D A D S F D P L E P L A D G F R N W L K Q D Y A V S
UniRef90_A5C5U0 UniRef90_B9EVN7	PT WT V QLGR RD STT A SF ST A N SL P A PT SD L D A L I SLF S N K VR F D V P A G R L D G L V S S A N E A Q E L P E PT F T I R Q L I D S F A R K PY Y D V L L G R R D G L K A N Q S G A D N L P S P F E P I S S I V Q K F A D V I H F D V P A G R L D G H V S S A A E A Q E L P D S T F T V Q Q L I D N F A R K P S W A V P L G R R D A L S P S R S A V T D L P G P E A D I S A L V S A F A A K P Y L P L P T G R E D N R S S A A D V A P N T P K P D A S V A D L I A F F G K F K T F G F A F G R E D V W P P E K D I Y W G S E Q D L M M P S W S V A C G R D G L V S S A S D A T S L D S D T D S V A V O P O K E A D K
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UniRef90_F2DWM4 UniRef90_UPI00035F518B	KTFG <u>F</u> AFGRED <u>VWH</u> PEKD <u>L</u> YWG <u>S</u> EQD <u>L</u> MM
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UniRef90_H2EQQ6	PSWNII LLIGRRDSTTASSAANSNII IPGPGILINILINAILI ISAILIANK
UniRef90_B4FB95 UniRef90_T1UMQ8	P K V P W R G G R K D R Q A K D S P P D G R L P N P R N G A D H L R K V F Y R M
UniRef90_UPI000368FD44 UniRef90_R4SZJ4	HT <u>V</u> G K <mark>C H G N A K E E Q <u>L </u> G K E P E A <mark>C</mark> KT F G F G F G R <u>V</u> D T WE P E E L F W G P E D T W</mark>
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UniRef90_M0NCB6 UniRef90_B9RP42	PTIPVLLGRLDSGEPDAEG KLPEESLGASSLKQ <mark>C</mark> FQRK
UniRef90_I1Q2M5	PSWGVLLGRKDSLTASLDMNKDLPNPKDSLAELLRMFEHT

UniRef90_MOYU86		
UNIRRIPO - WINDY - WIN	UniRef90_A9S830	GL DQ I D M V AL S G G H I V GL A H C S I F A S R L R P I P D P I L S P K GL S Q S D M I T L S G A H T I G R I H C S T V V A R L Y P E T D P C P Q V G G
UNIRRIPO UNI	UniRef90_K3ZV64	GL GVA DL VAL S G A H T L G R T T C M F V S P R L Y T F Q G N D P F L P
UNIRRIPO UNIRRIPO CONTROLO DE MOVIS LA GA HILL	UniRef90_M8ADW2	FÜP DRLAÜPS DINT GFANVLRRQCPASPSS GUSVODEVVLSGAHTVGAAHCNTFNSRFTRDPRIDASEDN
UniRef90	UniRef90_V5T8Q7	GMSDREMIVIAILIAGAH I II IGFAR <mark>U</mark> II II AUDDRNII IN PAIVIK PUPIVIN
UniRei90	UniRef90_F8DDY4	GIDDKDIVIISSAHTVGTTACEFIQDRIYNGKGADPAIPE
UniRef90	UniRef90_M1BPU6	GLDTEDMVTLSGAHTVGRSQ <mark>C</mark> SSFSDRL PPNASDMNA GVFASRLYPQNNQQNLPIDPEYADFLKSI <mark>C</mark> PPEALTNGT
Unire(90	UniRef90_UPI0003B7B688	G M T M D E A L A L L G G H T L G V S H C L N V V N R L Y P S Y E N C P T M A P
Uniref90_T1NF35	UniRef90_V7CUY8	GLSLFDLVILSGAHTIGTAH <mark>C</mark> SSFRDRFQQDSKIDKSLDS
Uniref90_T1NF35	UniRef90_I1R303	GLTLODE VILSGGHTLGAAHCANFKNRLATEAATLDSSLG GLTLODE VILSGGHTLGAAHCANFKNRLATEAATLDSSLG
Uniref90_ WSAX51	UniRef90_T1NF35	NMDEDDL VILSGAHTI GVSHCSSFTDRLPPNPKCPVSPNF
UniRef90 X32VG6	UniRef90_W5AX51	GFT VPELVĀLS GGHTLGQAH <mark>C</mark> ANFKNRGKAGNGMDPTLEA
UniRef90_C50CEB4 UniRef90_V4L293 GL N T X D L V V L L G S H T L G T T S C A L F R F R L Y N F T N A D P S D P G A UniRef90_V4L293 UniRef90_V4L293 UniRef90_J3LB83 X X X X X X X X X X X X X X X X X X	UniRef90_K3ZVG6	T
UniRef90_J3LB83	UniRef90_Q5QEB4	GIL IN T Q DIL V V L L IG S H T IL IG T T S C A IL IF R F R IL IY N F T N A D P S II ID P
Uniref90	UniRef90_V4L293	G L D
Uniref90	UniRef90_B3FES6	GIL IS Q A D MIVIAIL IS G A H T IL IG F S H C N Q F S N R II IY S N P IV ID P T IL IN K T
UniRef90_A0A059BPS7	UniRef90_W9RDE8	GLDIDDLVALSGAHTUGKSS <mark>C</mark> HHWLYNKTALPYQSNIDQK
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UniRef90_UPI0004169C6B UniRef90_UZZA47 UniRef90_K3Z7Z9 UniRef90_TOT4R4 UniRef90_K9P2Y0 UniRef90_B4F6E8 UniRef90_B4F6E8 UniRef90_W5J215 UniRef90_K4BMM9 UniRef90_V4VSV1 UniRef90_V4VSV1 UniRef90_V4VSV1 UniRef90_W9RTL4 UniRef90_W9RTL4 UniRef90_UPI0003D28713 UniRef90_D4GSA2 UniRef90_V4UCD8 UNIREF90_V4UCD8 GLADPADLVALSGGHTVGKASCIFIRDDDFSIRLNATCSA GLADPADLVALSGGHTVGKASCIFIRDDDFSIRLNATCSA GLADPADLVALSGGHTVGKASCIFIRDDDFSIRLNATCSA GLADPADLVALSGGHTVGKASCIFIRDDDFSIRLNATCSA GLADPADLVALSGGHTVGKASCIFIRDDDFSIRLNATCSA GLADPADLVALSGGHTVGKASCIFIRDDDFSIRLNATCSA UNIREF90_K4BMM9 UNIREF90_V4VSV1 UNIREF90_V4VSV1 UNIREF90_UPI0003D28713 UNIREF90_UPI0003D28713 GLEVSDLVILSGAHTISCAQVQDRIYNYKGTGKPDPSINE	UniRef90_B6TZQ7	GII IR DIVIA DIL VIAIL IS G A H TIVIG R AII I <mark>C</mark> P F F Q D R A D S Q E D D F A R QIL I
UniRef90_T0T4R4 UniRef90_K9P2Y0 UniRef90_B4F6E8 UniRef90_W5J2I5 UniRef90_A3XG37 UniRef90_K4BMM9 UniRef90_V4VSV1 UniRef90_V4VSV1 UniRef90_K0RDY1 UniRef90_W9RTL4 UniRef90_UPI0003D28713 UniRef90_UPI0003D28713 UniRef90_UPI0003D28713 UniRef90_UPI0003D28713 UniRef90_V4UCD8 GINTPGVVALLGAHSVGSTHCVKLVHRHMLKKCPDPPPDP UNK CPDPPPDP UNK CPDPPDP UNK CPDPS UNK CPDPPDP UNK CPDPP UNK CPDPPDP UNK CPDPP UNK CPDPP UNK CPDPP UNK CPDPP UNK CPDP UNK CPDPP UNK CPDPP UNK CPDPP UNK CPDP U		
UniRef90_W5J215 UniRef90_A3XG37 UniRef90_K4BMM9 UniRef90_V4VSV1 UniRef90_V4VSV1 UniRef90_K0RDY1 UniRef90_W9RTL4 UniRef90_U9RTL4 UNIREf90_UPRTL4 UNIREf90_UPRTL4 UNIREf90_UPRTL	UniRef90_T0T4R4	
UniRef90_A3XG37 UniRef90_K4BMM9 UniRef90_V4VSV1 UniRef90_V4VSV1 UniRef90_W9RTL4 UniRef90_UP10003D28713 UniRef90_UP20_D4GSA2 UniRef90_V4UCD8 GFDERETVSLLGAHVIHCKFFINRLFNFSGTNSSDPTMDS GFDERETVSLLGAHVIHCKFFINRLFNFSGTNSSDPTMDS GFDERETVSLLGAHVIHCKFFINRLFNFSGTNSSDPTMDS GLDVQDMVTLLGAHTMRCRYIVDRLYNYKNTGKPDPSMNT UNIREF90_W9RTL4 DLSIKDLVALSGSHSIRCFSIMFRLYNQSGTGKPDPEIEP GLDLKDLVLLSGAHTIGVSHCPSFSSRLYWGKKDPSLDTE UniRef90_V4UCD8 GLEVSDLVILSGAHTISCAQVQDRIYNYKGTGKPDPSINE	UniRef90_B4F6E8	GI NTPGV VALLIGAHSV GSTHCV KLVHRHMLKKCPDPIPDP NLNTVDMVALSGAHTIGKAQCSNFRTRLYGG DANINT
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UniRef90_D4GSA2 UniRef90_V4UCD8	UniRef90_W9RTL4	D L S I K D L V <u>A</u> L S G S
	UniRef90_D4GSA2	
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UniRef90_UPI0003D75B4B		MGLSDKDIVALSGGHTLGR <mark>C</mark> HKER NLSVKDLVALSGSHSIR <mark>C</mark> FSLMFRLYN <u>Q</u> SGSGK <u>P</u> DPALDH
UniRef90_G7JKV1 NLSVKDLVALSGSHSIRCFSIMFRLYNQSGSGKPDPAIDH UniRef90_R7WBM9 GLSVTDMVALSGGHTLGQSQCRFFRSRLYNETNIDAAFAT UniRef90_U5GQS0 RLSTIDMVYLLGGGGHSHCGLFQNRLYDFKNTGHPDPTMNT	UniRef90_U5GQS0	GL
HINRATAN SILILAK DIL V V LIE G S H SILIH C E A E O K RILIY N E L G A MID O D P SILIG A	UniRef90_S8DW81	SILI AKDI VVI E GS H SILIH C E A E OKRILIYNE I GAMD OD P SILIGA
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UniRet90 W8SSL1 PEEMILLID RAQILLIGILLI AHEMLCI MGGMRAILIG LNHGGLKHGIVL	UniRef90_W8SSL1	PEEMILLID RAQILLIGILLAHEML <mark>C</mark> ILMGGMRAILIG LNHGGLKHGIVL
UniRef90_B9EVN7 NFTVEELVVVVSGAHS <mark>C</mark> SRGGGRPAVVNNARDEDLATVAR UniRef90_M0WR76 GUDTKDVVVUSGAHTUGRSRCVUESDRUTSTKSSDPTUDA	UniRef90_B9EVN7 UniRef90_M0WRZ6	N F T VE E L V V V S G A H S C S R G G G R P A V VN N A R D E D L A T VA R G L D T K D V V V L S G A H T I G R S R C V L F S D R L T S T K S S D P T L D A
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                                                                                                         FAISLQRICPINKVFDNSYYMDLIGKEGLLHSSYADELMKECPTSMVFDNHYYRNLLTNKGLEQSSSLSSVCTFDRTSTMFDGVYFRELQQRRGLLSSDYAGGLIRACSAVNNFDNAYFANLLAGRGLLRTLDRAYAAAVLRAACPPRFDNATTVEMVPGSSTSTNDPTVVQDIVTPNRMDNMYYTNLLKRNVLFISNFLPELKARCPQDKKFDKHILQNVREGFAVLESGMAASLAKTCKTSNAFDVEYFKGLQTRRGLLTS
                                                                                                                                                                                                                                                                                                                                                                                                                           Q E L F D

Q S A L L S

Q T L F E

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Q A L L Q

Q A A L L T

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UniRef90_UP1000403A469
                                                                                                         D Q E L F N
D A V L N
D Q Q L M E
D Q V L WT
D A A L F E
D S T L D
D Q V L F N
D Q V L Y T
D M A L I K
D R M L Y S
                                                                                                            D F L S E M R R N C G D S Q T F D T H Y Y Q S L L R G R G L L Y A D Q Q L M A D
                                                                                                          A G G Q S W T V K W K F D N S Y F K D L K E K R D D D L L V L P T D A A L F E D S L L P L L K K T C P L N S K L D N E T F L D Q T P N S H F K E L D S N L A S N E Y A A A L R R I C T P Q F S F D N A Y F R N L V A N N G V L N S D H V L V E S Y Y T L L S N L N W V P K E W D G P Y Q Y V D A P T G R M M L P T D L V L L Q D K A D C A R D P N R L Q P D A F D N V Y Y K N L N A S R G V F T S D M A L I R D T Y A D T L K T V C P P P G S N S N Q Y Y S N L V T G Q V L F V S D Q Q L M N S
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A
F
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                                                 A QLS S T F Y D R T C P NLT T I R T T I R Q A I S S E R R R A Q C S N G R T A S H A C C V W F D V L D D I Q E N F D G G E C G E A V M K R A T C A D G R T T A N A C C V L F P I L D D I Q E A F D G A E C G E A A V T R A A P T S E A A V C S D A C C A F I P L A Q D L Q Q T I F Q N E C G E
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UniRef90_UPI00037EA1F7 UniRef90_F3WXA6	H T V G K C H G N G K A E N L G A D V E G A
UniRef90_B1M869 UniRef90_I1HGL8	PTYGFAAGRLDAWEADNATYWGPEVVEM PRYEVPLGRRDSIAPARRQDVELPRPDFDVHQLVQSFRS <u>R</u>
UniRef90_J3MWI4 UniRef90_I1J8J7	QAYPVRTGRRDGRQSRASDVVLPAPENFFGKLGLSPFDTVPTLEFLPGRKDSMESSAEG LLPDVKQGASIIRNIFSRMPTWTVLLGRRDSATASSAANNNIPSPASNLSALISSFTAH
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UniRef90_UPI00036E06B5	T T F G F A G G R P DIVIF F P D N F T Y W G P F N Y W
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UniRef90_UPI00042B5E3B UniRef90_E3F414	PKIPVALGRID SAEPDPEĞKLPQESIDASGLKQSFQRK KTFGFAFGRQDIWAPEKDTYWGNEKEW
UniRef90_I1I4X9 UniRef90_B8AJE7	PNVEIVIEII IGRYDGTASTESSIVI TIVIPHGDEDII IDRII INA EESGII I
UniRef90_J3L9T5 UniRef90_UPI00037B76D9	PMKYGRVDVT AAEQCPPEGRLPDAGPRDHLREVFYRM PSWRVPTGRRDGTVSSMQEAAELPSPAMSFPELAGLFATK
UniRef90_W5F2D9	PTFGFGGGRRDAWEPDRSTYWGPEFWGGKPVDQVPASTHH PSWTVSLGRRDSDTASETLANRLPAPSLSVTDLITRFAAK PSWTVALGRRDATTASQSAANNLPGPGSSLSQLIAAFATK
UniRef90_M0RM09 UniRef90_A0A059DB10	ILIS Y PIV LIA G R R D G M S S SIVIA SIVIDILIPILIG A TILIG D R C SILIT S N O F A
UniRef90_K7USX8 UniRef90_C5YWW2	AS WQVET GRRDGPSLASDALGALPSPFAGFGGLLAGFASRRAVRMRTGRRDSESHYAEVERDIPNHNDSVSAVLARFAAVPTWTVKLGRRDSTTANRALADRIPNSFHDLPVLIARFAAK
UniRef90_E2J5C1 UniRef90_Q5XXE3	APRILIT FILIA GRPNASRAADDGIL VIPAPWHSADTILISARMADAG
UniRef90_I1QMW9 UniRef90_U7PVH4	QPYAVRTGRRDRRQSRASD <u>VV</u> LPAPDSTAAQSVAFFRKL LGPRIRSYVGRKDSS <u>Q</u> ATNKGR <u>M</u> PDV <mark>HA</mark> SAENLVALFQNK
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UniRef90_UPI0004408994 UniRef90_J3LVF4	IN Y TIV VIT G R R D GIV VIS S A A A A A TIT P D S VIE KIL G OIL K D N E A A K
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UniRef90 I1J3Q4	170 180 190 GLADIA DI VALS GAHTVGRTGCPFFSDRAGRMD	200
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UniRef90_A9S3T7 UniRef90_K2K343 UniRef90_M0SYV4 UniRef90_M7YT28	G L T A H E M T A L I G G M R V I G T N H G G T T H G V F T D R A G F T L E E M V I L L G S H T V G V A H C L T R I G L S A T E M T V L S G A H T I G S A Q C O N Y R L R L Y N E A R	GALTTDF CGPRPKP IDFQFAE
UniRef90_K4AJE5 UniRef90_A0A059CXF7 UniRef90_Q3SWP3 UniRef90_Q5U1S5	QDRLYNLKATGQPDPTLDQAHLAELREHCPSATGLSLADLVALSGAHTIGAAHCSAFSDRFQADSKIGFTERETVALLGAHSIGKVHCRFFKDRIDNFAG	
UniRef90_Q67VC4 UniRef90_O81755 UniRef90_A0A022PV38	GFTVQDLVALSGAHTLGFSHCKEFAARUYGGGGGGFNERETVSLFGAHSIGUTHCTFFLYNFSATGKGFSTQELVALSGAHTL	G D P T M N P P D P E L N P P T V F D N S
UniRef90_U7DUG9 UniRef90_K3ZW73 UniRef90_B4V6Y4 UniRef90_A0A022QB00	GFSAQDMVALSGGHTLGVARCLTFKNRL SDP GLDSFDMVTLSGAHSIGRSHCSSFSRDRLPPSA PVEQQGIGWMNRYGSGKGVDALTSGLEGAWTTE GLNAKDLVVLSGGHTIGTSHCSSFTNRLYNFTD	PTKWDNG
UniRef90_E0XTC9 UniRef90_F2VPS3 UniRef90_UPI00037EA1F7 UniRef90_F3WXA6	PEEMLIDKAQLLGLTAPEMTVLVGGLRGIFTDDGLSDKDIVALSGAHTLGRCHKERSGFEGPWTANDVEFQGLGWHNPEGSGNGSNTMVSGLEGAWTTHQQQGMGWANKCGKGNAEDTLTSGLEGAWSAT	PLIFDNS PTKWDNG
UniRef90_B1M869 UniRef90_I1HGL8 UniRef90_J3MWI4 UniRef90_I1J8J7	GLDETDLVALSGAHTIGEAGCGSFENRFSSEELLLGAHTVGATHCGVIKNSRLYKSGGRAGATDPISDDKHIVALCGGLTWGETLKDRSDSKGQWPKDGLSTKDLVALSGGHTIGQARCTTFRARIYNESN	NTNGFVK
UniRef90_E0ZLC2 UniRef90_W5BIG8 UniRef90_UPI00036E06B5	G F S L T D M V A L S G G H T L G M A Q C Q N F R N R L Y N E P N	<u>I</u> NTTYAT
UniRef90_W4ZW69 UniRef90_D7T6L2 UniRef90_UPI00042B5E3B UniRef90_E3F414	GLSADDMVTLSGAHTIGRSHCSSLTQRIHNFSRGLNVNDLVALSGAHTIGFAHCGTFSYNFTGKGDGFSTQELVALSGAHTLGSKGFGSPV	A D P S L N A A F D N S
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UniRef90_UPI00037B76D9 UniRef90_W5F2D9 UniRef90_M0RM09 UniRef90_A0A059DB10	K G H P D E M V N N N G L N H T D M V A L S G A H T I G R A Q C K N F R T R L Y S E E N G L N A R D M T A L S G A H T I G Q A R C R N C P S S G G D N N L W M C W I L L L Y S T S C S F I A D R L Y N F N K I G K P D P S M	A P L D S S F L A O
UniRef90_K7USX8 UniRef90_C5YWW2 UniRef90_E2J5C1	GLNLT DIL VAL SGAHTI GVAS CSSVTPRLYQGNAGVDAEGAVAL LGAHSVGRVHCSNLVARLYPTVD	T D P L L D S V D P G Y G E T N I D P N
UniRef90_Q5XXE3 UniRef90_I1QMW9 UniRef90_U7PVH4 UniRef90_D8SEE2	FAPHEL VALLAGHS VATQQT VDAS VAGTPLDSTGLGEFDTVLLLGAHT VGATHCRLYKYGGRAGATTITPEALVALVGAHTTSQQHFVDETRDGAPQDSGLSKRDLVALSGGHSTGQAQCSAFSARLFNGTPGLNLTDVVSLSGAHTIRCTTFDNRLRNFNGTSS	S P GIV IW DII
UniRef90_UPI0003D26832 UniRef90_X7F8G4 UniRef90_J3KZ02 UniRef90_N4VVV0	GLNLT DVVSLS GAHTIRCTTFDNRLRNFNGTSS GFDTEQLVILS GAHSIGAGHCSSFTGRLSEPPQ IRPHGLTALIGAHTTSQQRFVDPSRAGDPQDST	QNNVRDE
UniRef90_M1C7W9 UniRef90_C1E545 UniRef90_I1B008	GLSLEESVAI NGAHTLGLTHCFSLESRLYDESK GMSTQEMVALAGAHTI VVSPEEMMLDRAQLMVNHGGSKHGVFTRNEGAL	N D E P N E H P Y S F D N E
UniRef90_B8AQ79 UniRef90_M7ZDX1 UniRef90_E5A4C7	GLSVETWALFTSDASL NFTQEELVILSGAHSIGVSHLSSFQDRLNDTTA GIDAHDLAALLGAHATARQRFVDTRPVAVNKPL GMSPFETMVLLGAHTVGATHCRLYGYGGRPGAT	T P I N D S Y D T T I G V W
UniRef90_UPI000350DA12 UniRef90_B9FVK2 UniRef90_I1HEC9 UniRef90_R7W736	G	S
UniRef90_UPl0002C3674C UniRef90_H1V4U6 UniRef90_A0A010QMF6 UniRef90_X0H203	GLDLQDLVLLSAGHTIGLARCTTFRTRIYNETN TISAPGLAALVGAHTXSRQRFFDPSRANAPQDT LSAPGLAALVGAHTASRQRFFDTSKVNAPQDTT GFNDQEIVALSGAHALGRCHTDRTGFTGPWTFS GLSTRDMVALSGSHSIGQAQCFLFRDRIY	
UniRef90_X011203 UniRef90_M1B7R0 UniRef90_U3KYQ1 UniRef90_B9VR21	GLSTRDMVALSGSHSIGQAQCFLFRDRDY LSASEMVDLLASHSVAAQDHVDETIPGTPFDST FSPEEVVALLASHSVAAADHVDETIPGTPFDST	PSVFDAN PGEFDSQ
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UniRef90_13S6A4 UniRef90_UPI0004408994 UniRef90_J3LVF4	GLTRTEMIALSGAHTVGFSHCNKFTYNFKTTSR GLNSDEVIHLLASHTIARSDTLVPNHDVPFDST NFTAEELVVLSGAHAVGVSHLSSFQDRLSSSRS	VDPTLDL PFTFDTQ VSTPITA
UniRef90_M5XW30 UniRef90_W4K3N7 UniRef90_UPI0003511491	GINSDEVI HLLASHTI ARSDTLVPNHDVPFDSTNFTAEELVVLSGAHAVGVSHLSSFQDRLSSSRSGLSLDDLVTL SGAHTIGSAHCGAFSDRFQQDSKFTTAEVVALLASHTIAAADHVDPTIPGTPFDSTGLSAEDMVVLSGSHTIGRSHCDSFLF	LDTSLDN PSTFDTQ
UniRef90_M0ZW68 UniRef90_H1W3L9 UniRef90_R7T0F0 UniRef90_V4K8K9	GFTATDLVALVGAHSAGQSIQELSFDSTPEKLD FTPFEVVSLLASHTIARADHVDPTLDAAPFDST GLNDQEIVALSGAHTLGRARPERSGWGKPETKY	STVFYPE PFTFDTQ TKTGPGE
UniRef90_I1HM83 UniRef90_J3M3Q9 UniRef90_K4L9N8	GENDQEIVALSGAHTEGRARPERSGWGKPETKY GFNTRELVALSGAHAVGVAHESSFVDRRSHTEA GFTQGELVILSGAHSIGVAHESSFQDRENDSTA	
UniRef90_UPI0004408145 UniRef90_Q206Y8 UniRef90_A5JW32 UniRef90_M0Z7D4	ELIHLLASHTIRSDTLVPGHEAVPFDSTPFTFDGLSLKDLVALSGAHTIGLARCTSFRGHIYGFTKENVVTLSGAHSVGVCHGVPMCPGHNNTFGGLTADEMVTLSGAHSVGVCHGVPMCPGHNNTFGGLSVQEMVALSGAHTL	NDTNIDS
UniRef90_D8U094 UniRef90_W5C2X3	GSKGFGD QLSMTDMVALSGAHTLGQSQ <mark>C</mark> RFFRNRINNEAN	PTRFDNE INT

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                                                                                                  I D A D M V E E M R A V C D G D G A A P M E M G Y Y R Q G R L R S A L A K R L Q E A C M T P G R F D N M Y F V N L R R G L G L L A T G F L Q E L K T K C P F D E N F G T R Y F R R L M Q N K G L M S S Y Y K I L L E K P W S A S G M S D M I G L P S D F S K T L S K T C M T R N N F D N F Y F Q A L Q R K S G V L F S F A A G L Q A N C S S A N G A D N N Q Y Y Q N V L D R K V L F T S Y L D N L L R Y E W E L T T S P A G A K Q W T P R H A P M M L T T N Y V A R L K T R C S A T D T F D T E Y Y T L V A K R R G L F T S F F T T L L D M N V E W K P S G K N S Y E A K D R V S G E K V R T Y F K E L L S G E F H L L L S Y E W E K T L S P A G A K Q W D I R R N P M M T D A Y I D N L L N F D W V K T K S P A G A T Q W V P R H A P I M F T T
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                                                                                                    R L D N C T V N V T T P M K F D N K Y F T N L Y R G I G V L S S D M A L L L F V Y K T W V C P D T P A S D N N V V F L D D Q W S A V Q A A D Q N L Y S Y Y K K L L S K D L S S R L P I E D A L L T S V K S S C P S D L A T P T T F D N K Y Y T D L G N R K G L L H S D Q Q L F S K L K L N C P T T P P N P D L F N N D F F I N L Q S E K G L L H S D Q V L Y N
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A Y A R A L M S S C P N P S P F D S G F Y A R V R Q G Q G T L A S D A A L A
Y L R G R C P N D R A T P M V L D N M Y Y K N L L A R R G L L L V D Q R L A
F A R M R R R G C P P P N S F D N N Y F R N L Q Q R K G L L N S D Q V L F
F F V E T Q A R G T V C P G A L H K G E A L S S P H E L R L Q S D G A L A
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F P S D L A L S
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                                                                                                   E Y A T VA R F M P G F T S R V R K I S D F L D N T Y Y H N F H S D W Q L L T N F Y K E T L G S A P A R V F R F A S D V V L A K D E F E L Y L K L S C P K T L T F D N H Y F I N A I N G R G V L R I D A E I P F H Y Y K T L L K Q P W A D T T K T K E E L D M A S H I G L T S D K N L A V D L T D M A Y S W H P V E G G T Y E I R N R K T G E V A Y T A T R A D L V F G S N
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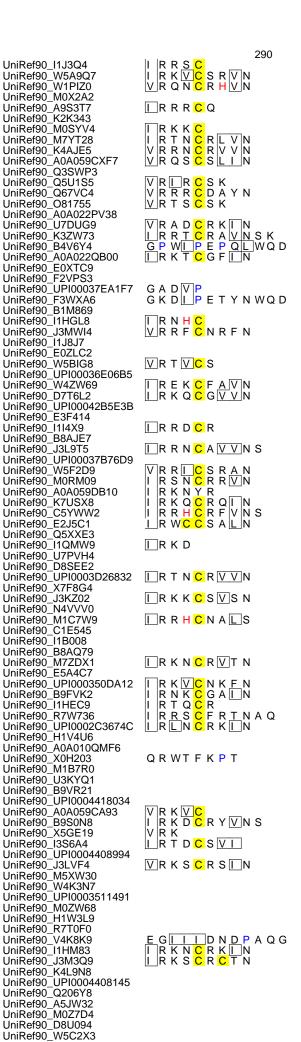
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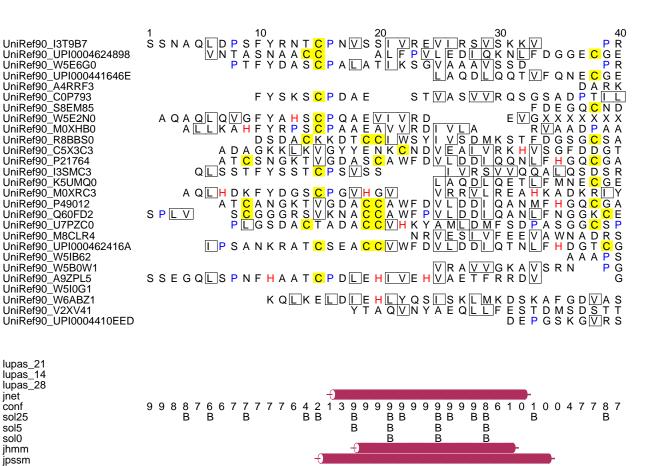
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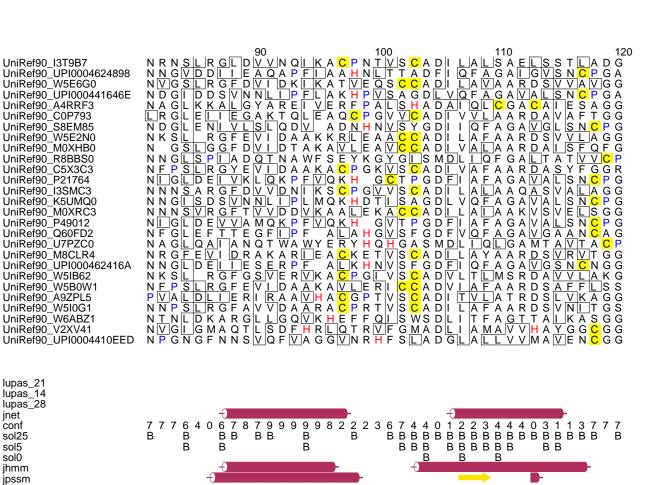
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conf
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jpssm

