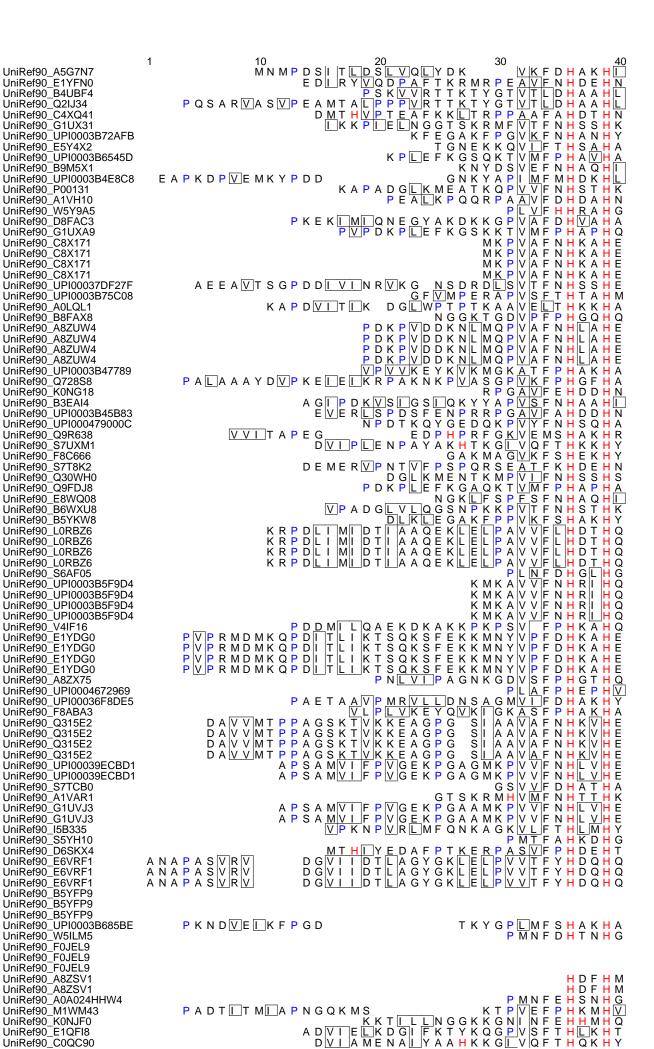


		50
QUERY UniRef90 C8X5K5	TVECVQC	HHTLEADGGAVKK <mark>C</mark> TTSG <mark>C</mark> HDSLEFRDKANAKD HHMLAENPDNY N <mark>C</mark> MTEG <mark>C</mark> HDLFNPTSVEEKKD
UniRef90_D6SNJ7	DYDCGEC	HHDEQGDPNEITG <mark>C</mark> MSEGCHDMAVAEDADDERD HHYRPEDPKASETVACRSCHQDSESAEHPERIG
UniRef90_F0JK49 UniRef90_D6SRB8	AADCASC	H
UniRef90_A1VBG7	SMDCGTC	HHKGYQEGK QT <mark>C</mark> ATKG <mark>CHDRPRPDT FG GF</mark>
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UniRef90_K0NPE1 UniRef90_UPI00035ECD9D	QFACKDC	HHDWDGESEV ESCTSCHSETEPRSVKNEEN
UniRef90_UPI00035ECD9D UniRef90_UPI00035C6857	QFACKDC	HHD WD GESEV ESCTSCHSETEPRSVKNEEN
UniRef90_L0R8D6	AVDCTKC	HHDWYGEGE VEGCMTEGCHDQFEPDPSKDPAN HHYRPADPEAAETVACRSCHQEAFS GGDQE HHYRPKDETALETTRCSACHQDSFNSDHPERIG HHDWDGESEV ESCTSCHSETEPRSVKNEEN HHDWDGESEV ESCTSCHSETEPRSVKNEEN HHEWDGSGQP ASCSSSGCHD QQGRRE HHNWDGKA AIKKCSNEGCHVDT SKKGKKK HHMLKQNPEVY SCSSKGCHDLATPTSSEERKS HHDYDDEDGNNIDYALEEGNPDLLCGACHTGKTT
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UniRef90_B8DQZ3 UniRef90_E1JRN1	A V D C G I C	HHKGY WDGGPM KCASKDCHDW V VDAE I GIPKD HHMWDGKSK TEGCHDNLKERQDPMSYF
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UniRef90_E6VZT9 UniRef90_F0JJY5	EKD <mark>C</mark> VIC	HHTWDGKG ALAS <mark>C</mark> AAAG <mark>C</mark> HD QPGKKE HHSKNDDGT <u>S</u> SEG <u>E</u> P <mark>CSS<mark>C</mark>HA EK<u>R</u>TDG</mark>
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UniRef90_D6SST1		
UniRef90_F0JDK5 UniRef90_F8C3E3	A A D C T T C	HHT GDTHMGCMESGCHDMYENEPVEDQGDHHTWDGKSD FRACGSSGCHD QPGKKGHHQRKSSAEAKKDISCQNCHPKYFNPVNPNKHHQRKSSAEAKKDISCQNCHPKYFNPVNPNK
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UniRef90_M1PTB4 UniRef90_C0QH26	ENECDVC	HHVYEDPGETSEDMACSECHGA KDDPR
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UniRef90_B8FKY6 UniRef90_S7U5Y8 UniRef90_UPI00036DD270 UniRef90_UPI00036DD270 UniRef90_C4XGG7 UniRef90_S7UJB9 UniRef90_E1JSW6 UniRef90_E1JSW6 UniRef90_E0REF7 UniRef90_C8X1Z2 UniRef90_L0REF7 UniRef90_UPI000477254C UniRef90_M1WR92 UniRef90_M1WR92 UniRef90_S7U237 UniRef90_S7U237 UniRef90_CNADD9 UniRef90_P94690 UniRef90_P94691 UniRef90_C7LX18 UniRef90_C7LX18 UniRef90_UPI0003B43F13 UniRef90_BBDR15 UniRef90_BDR15 UniRef90_BOFWJ2 UniRef90_SOFWJ2 UniRef90_SOFWJ2 UniRef90_A8ZS59 UniRef90_B8IY72	LMY HAR CCR MGG GGG DGG DGG CCC MGG GGG G	CHAELIKVAAAACCCHHPPVI TAAAACCCHHPPVI TAAAACCCHHHPPVI TAAAACCCCHHPPVI TAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAACCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAACCCCCCHHPPVI TAAAAAAAACCCCCCCHHPPVI TAAAAAACCCCCCHHPPVI TAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	RKRL QK KKKKK KK PPAKKKKK DD X RRR
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UniRef90_A5G7N7 UniRef90_E1YFN0	NLDCAVC FNDCSTC	50 H H H T H H F Y	TGTL	60 _V E D P N _ F T S F D) <mark>C</mark> A <mark>C</mark> KG <mark>C</mark> I MKCSFCI	70 80 SAQTFSAETLRED
UniRef90_B4UBF4 UniRef90_Q2IJ34 UniRef90_C4XQ41	A A E A D C T A C	HHGE	KDGK	R K R K S D T A G	I S C K S C I S C K S C I P C S D C	SAQTFSAET RED KD GN GAVTKI GN GAVTKI AVAAKPGKT SIKGARERD
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UniRef90_A1VH10 UniRef90_W5Y9A5 UniRef90_D8FAC3	EKNCAVC GYNCVTC GVTCNEC	H H D A H H D F H H V Y	KDPE	GSSEG LRP ENTEV	T P C A D C V V T P A T Q K C S E C	SIKGARERD ANDKKLKA DIAQAKDKVLKA DNMDKKDKSEHGY DDLAGKQGEKSLY SAQPFSAEALKED SDT SREMKRE DSMDKKDKSAKGY AKAATKG RTCIACHKETSQL DLNENTEKDGMK
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UniRef90_Q315E2 UniRef90_Q315E2 UniRef90_UPI00039ECBD1 UniRef90_UPI00039ECBD1	QANCRVC QANCRVC KKNCESC KKNCESC	н н Е Н Н Т G Н Н Т G	G D G D	K I P	A S C S E C V A C T T C V A C T T C	T T E G K K E G G V Q L S T T E G K K E G K A E G N T V E G K A E G N
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UniRef90_W5ILM5 UniRef90_F0JEL9 UniRef90_F0JEL9	S I N C V T C	HHDF	VDRS	DPGKE	TNCQAC	K K A G E E D S S E A A K
UniRef90_F0JEL9 UniRef90_A8ZSV1 UniRef90_A8ZSV1	DAGCELC DAGCELC	H H D Y H H D Y	DPAT		$T N C \cap A C $	
UniRef90_A0A024HHW4 UniRef90_M1WM43 UniRef90_K0NJF0 UniRef90_E1QF18	SINCVVC	HHDF HHKA HSFF HHGD	NDHS TSK PQKP	A P A P T D N V K G G S L	CASEGC	H G D T A D G D T P H G D T A D G D T P H K E T P K L H T D A G K K A K K D D E S K D S G H G L K K Q G K H A E P G T A P K S K D K K
UniRef90_C0QC90	KĽĠĊĠĔĊ	HHGD	DGSP	LADMK	VGCAEC	HAEPGTAPKSKDKK

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UniRef90_A5G7N7	K P G L K G A Y H L	N C M G C	100 H T K M G	GPTDGGPTDG		HKR
UniRef90_E1YFN0 UniRef90_B4UBF4	PIPLVNKYHL VFTPRQA HE	T C R S C	HVQI A K HVQLA K	G P T D	CRGC	HVK
UniRef90_Q2IJ34 UniRef90_C4XQ41	PILIERAFHR	QCMGC	HLTQKK	G P V T	CGDC	H
UniRef90_G1UX31 UniRef90_UPI0003B72AFB	TMSILIFMAYHR	SCYGC	HRKL AGI HKK <u>VN</u> AEE	KYPNFKG <mark>(</mark>	CRPC	Н
UniRef90_E5Y4X2	YFTMHNKKEK	S C M G C	HQKAVAEN	PDLKEKG	N P C	HAK
UniRef90_UPI0003B6545D UniRef90_B9M5X1	Y F T M H N K K E K V H T K K E L K H T K P G L K G A Y H L	N C I G C N C M G C	HSKKPE <u>L</u> KI HEKM <u>G</u>	K D <u>L</u> I A <mark>C</mark> A F G P T G (CRDC	H P H R M
UniRef90_UPI0003B4E8C8 UniRef90_P00131	PISYDSAFHM YHWMKNTKFK		HIANLKUNI	PDKGPKK <mark>(</mark> KDI TG <mark>C</mark> KK	CNDC	HSK H
UniRef90_A1VH10	THLVNAYHR APLIRDQFHE	QCMNC	HKTSGK	GPTS	GGGC	HVR
UniRef90_W5Y9A5 UniRef90_D8FAC3	VMKLQNAYHR VHTKTGLKHQ	NCKNC	HKEEKKGP	Y K K (C N D C	HAK
UniRef90_G1UXA9 UniRef90_C8X171	VHTKTGLKHQ FIRLEQAMHR	SCVGC	H T K <u>V V</u> A E K I H A R E Q Q R P I	K D <u>L</u> T G <mark>C</mark> A F E (C S K C	H P H
UniRef90_C8X171 UniRef90_C8X171	FIRLEQAMHR FIRLEQAMHR	SCVGC	H A R E Q Q R P H A R E Q Q R P H A R E Q Q R P H A R E Q Q R P H A R E G R D	E (C A G C A G C	
UniRef90_C8X171 UniRef90_UPI00037DF27F	FIRLEQAMHR	SCVGC	HAREQQRP	E MTCCV		ш
UniRef90_UPI0003B75C08	EVNLAAAYHT	Q C L G C	HNEAKK	GPIT (GEC	H∇Q
UniRef90_A0LQL1 UniRef90_B8FAX8	RAMHKKGVHP EVNLAAAYHT KLNLKIAFHK GSLKSKAVMN	Q C T G C	H K K H K Q E K H K E <u>M</u> K K A G	PDIAP <u>V</u> II EKTGPTS	C A G C	H P H Q K
UniRef90_A8ZUW4 UniRef90_A8ZUW4	L M L H K E D A D Q L M L H K E D A D Q	SCIGC SCIGC	H K T L A E E H K T L A E E	T A (пА
UniRef90_A8ZUW4 UniRef90_A8ZUW4	L ML H K E D A D Q L ML H K E D A D Q L ML H K E D A D Q	SCIGO	H K T L A E E	T A (CIGC	ΗA
UniRef90_UPI0003B47789	K N Q I N N L IF T N	NULIIU	T N E IV IN N S G I	N N IV I P I N I	CREC	н∏к
UniRef90_Q728S8 UniRef90_K0NG18	QMSFYRAWHN SVPLLRAYHK	RCKDC	HFFIVINK	G P IV I I	CGEC	$H \coprod K$
UniRef90_B3EAI4 UniRef90_UPI0003B45B83	K P G L K A A Y H L K I S L A N A F H K]S	H Q K M H F D A G K	N G P T G (C Q D C	H K R H K K
UniRef90_UPI000479000C UniRef90_Q9R638	VNHKDNAYYD ERGFYKA <u>W</u> HS	KILIMAA	H D QIL IK K G Q I	KIVIT G GIL IE (C G K C C Q G C	H
UniRef90_S7UXM1	PKYHAEALHA APKNMLAYHK	N C I D C	H K E H K K N N '	T K A A P T S (CTTC	HPK
UniRef90_F8C666 UniRef90_S7T8K2	RTPLMRAYHR	QCVGC	HHDA	GNGPLT	GEC	H
UniRef90_Q30WH0 UniRef90_Q9FDJ8	RTPLMRAYHR IHDRKATTVA VHTRTELKHM	T C L G C	H A E K P E L K	K D L T G C A F	K S K C	H P
UniRef90_E8WQ08 UniRef90_B6WXU8	K M G L K G A M H Q Y V M H A K L K H Q M D A Y H K	NCIGC SCLSC	H N K V V A E K I	Q G N G P T G <mark>(</mark> K D L T G <mark>C</mark> A F	C Q D C K S K C	HPR HP
UniRef90_B5YKW8 UniRef90_L0RBZ6	M D A Y H K	NCIDC GCISC	HKKAVEEGI	KAA PTKO	ONEC	HKK
UniRef90_L0RBZ6	P E Q L K E	GCI SC	H A A D A K A G I H A A D A K A G I H A A D A K A G I H A A D A K A G I	KKTGPQE	RSC	HV
UniRef90_L0RBZ6 UniRef90_L0RBZ6	PFOIKFIYHN	GCLSC	HAADAKAGI	KKTGPQE	C R S C	Η <u>Υ</u>
UniRef90_S6AF05 UniRef90_UPI0003B5F9D4	ALRMERDFHE VTAFHSVFDR	SCQGC	HQKEINAK	HSAGP <u>V</u> SI	CLAC	H I
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UniRef90_UPI0003B5F9D4 UniRef90_V4IF16	VTAFHSVFDR VTAFHSVFDR LETYKGAAHE	S C Q G C	H Q K E I N A K I	K E(A A F∏A A T K (CLAC MPC	H H P K
UniRef90_E1YDG0 UniRef90_E1YDG0	LITUANTR	3	H G K K L K Q K	IN C	0 0 G C	пА
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UniRef90_E1YDG0 UniRef90_A8ZX75	T L R K M Q V M K	V C Q G C	H K E M T Q A G	KKTGPVS	N D C	H Q
UniRef90_UPI0004672969 UniRef90_UPI00036F8DE5	AVRIEADFHQ VPSLMDAYHQ	SCMGC	H	HASGP <u>V</u> S(YSK <u>G</u> Q(C Q A C C N Q C	H H <u>F</u> K
UniRef90_F8ABA3 UniRef90_Q315E2	RKQYKKLFHK QAMHAKQADA	NCLSC SCVGC	H K T L K K E G I H N K Q K E Q P [K N V P T K (CKEC	H∐K H
UniRef90_Q315E2 UniRef90_Q315E2	Q A M H A K Q A D A	SCVGC	HNKQKEQP	V	C A G C	H H
UniRef90_Q315E2 UniRef90_UPI00039ECBD1	QAMHAKQADA	S C V G C	HNKQKEQP	<u>v</u>	AGC	H
UniRef90_UPI00039ECBD1	L Y D A M H R L Y D A M H R L Y D A M H R Y D A M H R T L R K M Q V M K A V R I E A D F H Q V P S L M D A Y H Q R K Q Y K K L F H K Q A M H A K Q A D A Q A M H A K Q A D A Q A M H A K Q A D A G A M H A K Q A D A F I T L E R A M H Q F I T L E R A M H Q V P K Q T D A K V A Y H A K D T D R	S C V S C	HEQQLRQR		AGC	ΗŮ
UniRef90_S7TCB0 UniRef90_A1VAR1	V A Y H A K D T D R	SCYGC	HKKMAAQH	PEF TG	RPC	n H
UniRef90_G1UVJ3 UniRef90_G1UVJ3	FITLERAMHQ	S C V S C	H E Q Q L K R R I H E Q Q L K R R I	E (A G C A G C	H V H V
UniRef90_I5B335 UniRef90_S5YH10	A P L F E E O F H N	QCKGC LCRSC	H E D Y H V E D H A A G I	GAGPVE KAAGPTR	CNAC	H A Q H
UniRef90_D6SKX4 UniRef90_E6VRF1	TTPLMQAYHL	QCKSC	H Q D E K H Q E M A D T G	A G P V A	GEC	H V R
UniRef90_E6VRF1 UniRef90_E6VRF1	A A DI K E I Y H S	E C L G C	HQEMADTG	QKTGPLD	RSC	HV
UniRef90_B5YFP9	R P R L Q S A Y H S	MCI KC	HENMGLEK	P R K	CHEC	HER
UniRef90_B5YFP9 UniRef90_B5YFP9	RPRLQSAYHS	M C I K C	H E N M G L E K	PRK	HEC	HER
UniRef90_UPI0003B685BE UniRef90_W5ILM5	SAFHAKKSPN AVTIEHDFHQ	SCVGC FCESC	H K E M K K H L K R L Q S F (G P T K (Q Q A G P V S (NDC KGC	H T K H T
UniRef90_F0JEL9 UniRef90_F0JEL9	TEPLKDVFHS TEPLKDVFHS	QCVTC	HERFAEAK HERFAFAK	ADTGPVQ <mark>(</mark> ADTGPVQ	C A G C	H H
UniRef90_F0JEL9 UniRef90_A8ZSV1	TEPLKDVFHS	QCVTC	HERFAEAK	A D T Ğ P V Q	AGC	H H O
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UniRef90_A0A024HHW4 UniRef90_M1WM43	FILERAMHQ VPKQTDAFHA FITLERAMHQ FITLERAMHQ FITLERAMHQ AFHA AFHA AFHA AFHA AFHA AFHA AFHA AF	KCLGC	HKKAKKAG	KSA PVS	KDC	H P K
UniRef90_K0NJF0 UniRef90_E1QFI8	VEKLEKA <u>F</u> HD	N C K T C	H K D M K K A G I H K D Y N K A Q (KHYGPLQ GTKGPTA	C K D C	H ILLK H A K
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UniRef90_UPI000368A889 UniRef90_B8DR59	V L K A K Q V M N F V Q I E K A M H	KTC	LAC	HRAKRRAGEKSGPTS <mark>C</mark> SA <mark>C</mark> H HGFMKTGAKPQPEAA <mark>C</mark> GV <mark>C</mark> HA	
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UniRef90_E1YB88 UniRef90_M1WND4	L E Y N A E A F H	KNC	LE C	H K A Y K K N N T K A A P Y T C A K C H A H E E N G G P Y G D D S C Y Q C H A	K
UniRef90_K1YNL0	LDTLKGAG	I G N <mark>C</mark>	L E C	H K E K A P A L K E K K I D K C D T C H P	K
UniRef90_E6VQP6 UniRef90_UPI000471BC21	VNTKGN <u>E</u> YY	1 G S <mark>C</mark> / D <u>N L</u>	V Q L	HKKEKKAĞKAA PVACKD <mark>C</mark> H HAQEALKVEDLGGLE <mark>C</mark> SK <mark>C</mark> H	
UniRef90_Q1JVK1 UniRef90_UPI00035FDC4F	A F <u>G R</u> A K <u>I</u>	I MIL C / G T C	R S C M S C	H K S R Q A G P T E C Q G C H Q H K E A K A M K K A L T G C K K S K C H	Q
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UniRef90_S0G8A7 UniRef90_S0G8A7	FVRLEQAM FVRLEQAM	HAQ <mark>C</mark> HAQ <mark>C</mark>	V G C	H K K E K K A G K A A G L E C S K C C H H A Q E A L K V E D L G C C Q G C C H H K S R Q A G C C C S C C C C C C C C C C C C C C C	
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              VY F N H S Q H A
                                                                                                                                                                                                                                                                                                                                                                                          PAEIKLSSKMGDVTFGKVIFGKVIFEDAPTLLIIDTLQNQYAPAVFEQGKQAPPPAHPLEHWLATGP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        D H Y A H S
S H A K H Q
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UniRef90_G7QD77 UniRef90_F0JDM1	GGDCVDC	HH ASL HHDG VEGESY	LPCACLRC	H T V A G S K E G G H D P L P E D Q W P D V E S
UniRef90_C0QIU2 UniRef90_UPI0003775F83	E T D C K A C R V P C Q K C	HHK FSDKTIG	FFVACROC	H S A D N P K D K T G F Ÿ R
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UniRef90_K0NK05 UniRef90_K0NK05	AQSCKDC	11 11 - 1 - 1	U 11 D U	<u>H</u> G A <u>E</u> GGEQKGG
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UniRef90_F0RCI2 UniRef90_M7NMP2	GVECQT GLECQT	HGPIQEMEVVY	QYSK	L T M G W C I N C H R E T N L T M G W C I N C H R D T E
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UniRef90_K4KRI2 UniRef90_C7LXH8 UniRef90_C7LXH8	CNEC	HELLPGKAGTL	QP SCNSC	HDMQRHFSKEKTGV HFDTDATP HFDTDATP HAETKGNDPSG DRMFAAVGGPGK LTMGWCINCHRETP HKSDDPTDESG
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UniRef90_Q30009 UniRef90_G2Z4J0 UniRef90_UPI00038033F6	GVECQTC KADCTTC		L V IVI K Q F A F	LT MG WCVDCHRKTD HGVKPEAP <u>K</u> A
UniRef90_Q1K1L3	N N D D I I C	V V	E MMS CDT C	H T S N P P G K L A K S K

	00 400 440
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UniRef90_UPI0003B779BB	II IMIVIH E N A M H G N CIVIE C H K E A N K G R K G P A P T S C G K C H E K
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UniRef90_UPI000479DAD9 UniRef90_UPI000479DAD9	YTSIENAYHAQ <mark>CQNC</mark> HEKMEVIQQRSSLTM <mark>C</mark> ID <mark>C</mark> HRK YTSIENAYHAQ <mark>CQNC</mark> HEKMEVIQQR <u>S</u> SLTMCIDCHRK
UniRef90_UPI0004170DE9 UniRef90_D3P8Z8	Y T S I E NA Y HA Q C Q N C H E K M E V I Q Q R S S L T M C I D C H R K V K A E G NA Y Y D R L L E T H K A N S K K P E D L G G L E C A K C H L K G T S N T F H K L C F P C H K K Y K V K K G T S C N T C H
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UniRef90_B8J063	A Q F N D N A A C A T C H H Y E A G A K K E E L G L D C R E C H H K N
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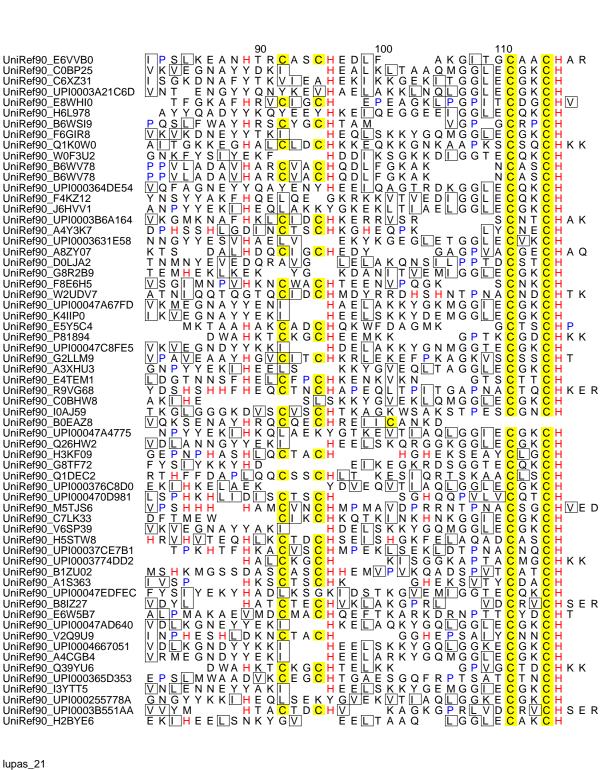
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