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JniRef90_G3S4H6 JniRef90_F6TLZ0 JniRef90_UPI000203A52A JniRef90_UPI0003AE1E38 JniRef90_G5EMQ6 JniRef90_UPI000334055 JniRef90_UPI0003446107 JniRef90_W5LBE8 JniRef90_UPI0004544D0C	RIVNGEDAVPSSWPWQV RIVGGSPAPPGSWPWLV	S L Q D G S H R C G A T L I N S L Q D K S H F C G G T L I H S V WN G E L M C G G V L V G S L R R R E H R C G A V L V A S L Q D G F H F C G G S L I S L Q D G G H F C G A S L I S L Q D G G H F C G G S L I S L Q D G G L H F C G G S L I S L Q D G A L M C G G V L V D	E A WV L T A E K WL L S A E N WV V T A E A WL L T A Q D WV L T A S S WV L T A
JniRef90_UPI0004544D0C JniRef90_F7GCM9 JniRef90_G3SF67 JniRef90_I3JSI0 JniRef90_H2L6Z3	WPWQVVWQVVWQVVWQVVWQQVVWQQVVWQQVVWQQVVW		A A A A A A A A A A A A A A A A A A A

QUERY UniRef90_UPI0003344E10	ΑH	CYKS	RIFVR	GFH	NIIKIV	60 V E G N T E G N	NE Q F	7 I S A S I N A T	KSI	80 V H P S Y N S R H T Q Y N S W H P S Y D Y
UniRef90_UPI0003C4BD8F UniRef90_UPI0002C42E03 UniRef90_I3NFU5 UniRef90_F6X1S9	A F A F A F	ICYRP ICYKP	NSMH RIQVR NIQVR RIQVR	V	NII DIV	1 IF G N	NE QF NE QF NE QF	INSA	K V I K I I K I I	L H P N Y S K R H P K Y N N
UniRef90_P70059 UniRef90_UPI0002C55D6F UniRef90_UPI0003BD440B UniRef90_P32821	A F A F A F	I <mark>C</mark> YKS ICFPT ICYHP	QILIQIVI <mark>H</mark> TPTGL DILIQIVIR	_ G E H T V N L G F H	K T <u> V</u> G L Q S N Y F	LQGS	6 E Q F [6 N P N 1 F Q F [I_N S A R T V T I D A A	K V I Q I I K M I	K H P N Y N S R H P K Y N E K H P N Y N S L H P D Y D K
UniRef90_F6VSH7 UniRef90_S9WQD4 UniRef90_Q5M902 UniRef90_C3Z5B2	A	ICYKS	R L E V R	L G E N	NI NE NI DV	JI EET VEGT I FGT	EQF	INSS ISAA IOSA	K V I	R H P N Y D S R H P S Y N S R H P Q Y N S V H E E Y D S
UniRef90_H2RRG2 UniRef90_UPI000440DD22 UniRef90_UPI000298BFE2	A F A N	C Y K S I C F P S I C F S G	DPDPS RVEVR NTTAY SPVPS	G E H M G M Y E W T V	NIRA ALQS ILGR	N E G T S N P N L N Q N	E Q F N R Q S N G S N	V S E E I S S S S S I S P F E A	RVI RLI TAN	RHPNYSS VHSSYDT
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UniRef90_UPI000203B1AE UniRef90_UPI0003C1202F UniRef90_H3D158 UniRef90_UPI00042C89DA	A F A Y A F	CYNV CYVS ICNVK	K R K Y L K V E V H T L T V Y T S H L V R Q T L S D V V V	G E H G R Q V A G E	N	S X G T S N P N S D A E	E Q F	RSVK IQAS LGVA VRIA	LAI QII KVF	L H R D Y N P K H P G Y S Y S H P S Y N S K N P S Y N L
UniRef90_UPI00038ED01C UniRef90_I3LJ52 UniRef90_UPI0003F07A1C UniRef90_H2S1K5	A F A F	C F G G V T T C F D V C F O G	RQTL SDVVV YGDPK FVTVY	E E A G E Y Q W A A	WSVG DQAS FLGT SQQG	L G A C D A E C P F A C S N P N	A E E D I Q V D G Q L [J F T V	RGLK LKIA ERVA	QLT KVF RIY	L H G A Y T H K N P N F S L
UniRef90_G3S4H6 UniRef90_F6TLZ0 UniRef90_UPl000203A52A UniRef90_UPl0003AE1E38	H C A H A H	FTTY CQEG CFTG	KNPAR WSMDL SRNEL	WTAS TRVH AWDY	F GVT WLYW DLTK	K P S	K M K V Q V E R I	RGLR FRTL VPVS	RIL KFV	VHEKYKH QHPQFNP SHPKFNP
UniRef90_G5EMQ6 UniRef90_UPl000333D355 UniRef90_UPl0003446107	A F	C F D S	TYHRV HKNPK KSHRV	V L G E L WMA V G V S	HDRS SFGT DHGS	S N A E T L R S D G E A	D V Q S P I R V Q V	V M K V R K V Q L R I A	KVF SII KVF	NHPPYNL NHPDYDS VHEKYKH QHPQFNP SHPKFNP KHPFYNL KHPFYNG IHENYAA EHPLWDR THPKFNP
UniRef90_W5LBE8 UniRef90_UPI0004544D0C UniRef90_F7GCM9 UniRef90_G3SF67	A H	CFD[YSDPK HTDVF	M W V A	F L G T	P F L C	GRI	E K V F	R I H	KHPFYNV LIEFNPM
UniRef90_I3JSI0 UniRef90_H2L6Z3 UniRef90_UPI0002BCE4CE UniRef90_H9G5K5	АН	CFSS FRIK CQVR	TSIIY GVNVV SNPHQ SHFVI	_ G R E _ G L Q WT V S _ G E Y	SQEG SLQG FGTT DRNS	SNPN SNPN INPF G <u>A</u> EF	NEVS NRVS LMK PLQR	RSVS RTVT RNIE RSIV	E I I T L I R I I K A I	R H P D Y N S V H P N Y N S V H E R Y H F T H P S W D S
UniRef90_U3IXC2 UniRef90_UPI0003F0C191 UniRef90_UPI0003C456A3 UniRef90_F6WP27	A	CFRG	SHFVI NSMKI YKNPR QRNPS YSDPK	LIWAA	S + G + G	IV I IR F	PKG	RRNIL	IR SII	I N S N Y S D I H E N Y A A I V H E Q Y T K H P F Y N V
UniRef90_H3BG42 UniRef90_UPl0002C42FE0 UniRef90_UPl00032B228B UniRef90_UPl00038BE36F	A F	ICFDV ICFDV	L F F M K . Y G D P K . N Y Q L W K Y O V W	QWAA VGRH	E H D T F L G T N L F E	P F A C N E P E	GQL AQY	FRIV ERVA VQVT	RYV RIY GSF	HPRFES KHPFYNL PHPDFNM
UniRef90_UPI0003C35761 UniRef90_Q9XY46 UniRef90_UPI0003C83051 UniRef90_UPI0003EC6635	A F A F	I C I E G I C M G Q E F R R Y	RIPDRU RI KDPAR'	_KVR FEVV WTAS	A G V N	KLDE	VGE	LIDV RYRI RGIR	M E L E K T R I I	V Q H E K F N]I
UniRef90_G3VPI0 UniRef90_U3IVG7 UniRef90_UPI0003F159AA	$ \mu$ ϵ	- F P P V		M + M + M + M + M + M + M + M + M + M +	E CILIS	TTF	VII IDI	V ID IV ID	TILL	PHPGFNN QHPLFNP VHSNYKP
UniRef90_UPI00022F617D UniRef90_UPI000258F7B0 UniRef90_UPI000395819A UniRef90_UPI00032B0AB2	A F A F A F	C M F L C F T E C F A G	F M R V R S G S M L F Q D P A A Q N E L	QPWT MWAA WTV	MLRK IMNE YTGT MLAE	QSST TDGS GPRG	G Q R G Q R G E Q E	R S V S R G V E M D I S V P V N	KID QII RLL	PHPGYEA VHSEFDK PHPSYNA PHPKFDP
UniRef90_Q8IQ10 UniRef90_G3W245 UniRef90_UPI000388A9B3 UniRef90_W5MIF5	A	ICTYG ICEVF ICFAG ICFPR	KTADRI NLRVV NRNEL AEHVR	_ K V R _ G V H A W D Y W S V H	LGTS SLIT DLTK PGLT	EFAF PEST WDEG SLGF	R S G Q Q Q V S E Q V F T G G	L L R V F G I L L P V N V S V D	QKI RAV RII KVI	PHPSYNA PHPKFDP VQHAQFN PYPLFNA THPKFNP VNGQYNS KHPSYSD
UniRef90_UPI00045E0431 UniRef90_UPI0003C15CA3 UniRef90_G3VWU4 UniRef90_W5LVA4	Α⊢	CFNH	TKMDF	VKAY	ΪĞŤŤ	SDGS	TVK	งไรเ⊓ิหั	S V V	IHPSYNP
UniRef90_UPI0003345055 UniRef90_G5B153 UniRef90_F2XFU0 UniRef90_P49862	Α -	CWYN	Y S M O I	V I ID H	NII IRIV	FFGT	FOIL	MKTN	TILL	V H P S Y N P F H P Y H E E V H E K Y T H W H P S Y D Y P H P G Y S T
UniRef90_UPI00032B1481 UniRef90_UPI00032B1DF1 UniRef90_G3PHK6	ΑH	CFAR	KNNMF	N T W C	NFGT	II IN K F	YMT	$R K V \Omega$	RIII	R H P G Y S T V H P D Y H E L H E N Y S S P H P D Y T A S N P L Y Q G
UniRef90_UPI0002235A2F UniRef90_UPI00022CACD5 UniRef90_A4UWM6 UniRef90_UPI00038ECA04	A H	I C V E NU I C V Y G	V P P S D K N T <mark>H</mark> L	E H D L Q Y W S	A N E D Q S S M	E P Y G	YQE	R R V Q R Q V D	R L I	SHPQFDP INKNYNR
UniRef90_UPI00021A8603 UniRef90_UPI000333DE10 UniRef90_R9WPA7 UniRef90_W5PIW6	A H G H P I	ICKGR ICVQG LRNP	E	QPW GAH PDYH VLGA	TIIQDLTQTLYH	QSQT KEPT DEGF TPEF	G Q R W Q K E Q T T Q Q	R G V D L K V T V I L S R L C I	KIY KQI KII SRL	V H P K F N M I H P N Y D P Q H E D Y N S F E N N Y D P H H P D Y N P T H T C F N A
UniRef90_UPI0003C18F05 UniRef90_UPI0003EACAAC UniRef90_A0A024F292 UniRef90_UPI000386FF96	A H A H A H	C R G S	SINVT NMQVV GTVKK	LGAH LSEH VVIG	NIKQ NLSK LHDR	QERT GEGV TNAV	QQA /EQV /NAE	IRVR FQVS SIAP OKMV	RAI GLF KRI	H H P D Y N P T H T C F N A I A H P N Y N
UniRef90_UP1000386FF96 UniRef90_Q16KW4 UniRef90_UP10002654FD0	A F A F	I C V G A	TAKPL FDTIT	STIM VGTL	V G S A S I S N	DRKC GNTS	QGKV SYQH	F K L K T S S L	RII ELT	I A H P N Y N V H P D Y D P S H P L Y D P S H P N F T S

QUERY UniRef90_UPI0003344E10 UniRef90_UPI0003C4BD8F UniRef90_ISNFU5 UniRef90_F6X1S9 UniRef90_P70059 UniRef90_UPI0003BD440B UniRef90_UPI0003BD440B UniRef90_UPI0003BD440B UniRef90_S32821 UniRef90_G5WSH7 UniRef90_G5WSH7 UniRef90_Q5M902 UniRef90_UPI00042U UniRef90_UPI000298BFE2 UniRef90_UPI00042C2CB5 UniRef90_UPI000298BFE2 UniRef90_UPI0003331EAD UniRef90_UPI0003331EAD UniRef90_UPI0003C1202F UniRef90_UPI0003C1202F UniRef90_UPI0003C1202F UniRef90_UPI0003C1202F UniRef90_UPI0003BDAD UniRef90_UPI0003BDAD UniRef90_UPI0003BDAD UniRef90_UPI0003BDAD UniRef90_UPI0003BDAD UniRef90_UPI0003BDAD UniRef90_UPI0003ADAD UniRef90_UPI0003BDAD UniRef90_UPI0003BDAD UniRef90_UPI0003CBCACE UniRef90_	WIT N N D M
UniRef90_UPI00032B1DF1 UniRef90_G3PHK6 UniRef90_UPI00022235A2F UniRef90_UPI00022CACD5 UniRef90_A4UWM6 UniRef90_UPI00038ECA04 UniRef90_UPI000333DE10 UniRef90_UPI000333DE10 UniRef90_W5PIW6 UniRef90_UPI0003C18F05 UniRef90_UPI0003EACAAC UniRef90_UPI0003EACAAC	PAVHODI AL VQLAEEVSFTKYIRRI CLPEAKMKLSDNDSV NENENDI MLLKLSSRASLTQAVQLI GLKSGRMRADGQCLT MASSADVALVELEDAVTFTDYIIPVCLPDPSVVFKAGMNC TRTFEYDLALRFYEPLPFQPNVLPI CLPDDDEYVGRTAYV RTKEADI AMMHLQQPVNFTEWVLPI CLPDDDEYVGRTAYV RTKEADI AMMHLQQPVNFTEWVLPI CLPDDDEYVGRTAYV RTKEADI MLLQLEKKANLTKAVQLLRLPKTRVKPGTLCQV DTLENDVALLALKVPFALTPEVNLAPLATHTPVPETI CQV DTLENDVALLALKVPFALTPEVNLAPLATHTPVPETI CQV DTLENDVALLALKVPFALTPEVNLAPLATHTPVPETI CQV CFTISNDVSVLKLSEPLTFNNRVSSI PLQSEKNFLGDCV QEKLNDVLLLQLDRAFTNRVSSI PLQSEKNFLGDCV CRTFQNDI MLLKLNKPAFINGFVQPAHLPSCSVRPGTTCTV ARTMENDFALLELSQDSSYAPVALNPAEI ALPTDGSELMT
UniRef90_UPI000386FF96 UniRef90_Q16KW4 UniRef90_UPI0002654FD0	NTVDY DESIGNATION OF SELECTION

	130 140 150 160
QUERY UniRef90_UPI0003344E10 UniRef90_UPI0003C4BD8F	S G W G N T K S S G T S Y P D V L K C L K A P I L S D S S C K S A Y P G Q I T S S G W G N T M S N G Y N Y P E L L Q C L D A P I L S D S A C R K A Y P N Q I S N S G W G N I L S D G V F S P Y N L Q C V D V P I L S Q E Q C E G S Y P G R I T S
UniRef90_UPI0002C42E03 UniRef90_I3NFU5	S G W G N T I S S G O N Y P D T I O C I D A P I I S O A F C F A A Y P G D I T F
UniRef90_F6X1S9 UniRef90_P70059	S G W G N T L S F G A D Y P D E L Q C L D A P V L T Q A K C E A S Y P G K I T S S G W G N T I S S G T N Y P D L L Q C L N A P I L T D S Q C S N S Y P G F I T K
UniRef90_UPI0002C55D6F UniRef90_UPI0003BD440B	WVT G WG NI G S P S P Q NL M E V E V P V E G N R Q C N C D Y G V G T I T D
UniRef90_P32821 UniRef90_F6VSH7 UniRef90_S9WQD4	S G W G N T L S S G <u>T D</u> Y P S <u>L L </u> Q <mark>C </mark> L D A P <u> V L </u> S E F D <mark>C</mark> R N A Y A G Q I T R
UniRef90_Q5M902 UniRef90_C3Z5B2	S G W G N T L S S G V
UniRef90_H2RRG2 UniRef90_UPI000440DD22	S G W G N T M S S T A D R N K L Q C L N I P I L S D R D C E N S Y P G M I T D WV T G W G D T A T S Y P M T I Q F V Q V P V V G N R K C K C I Y G V G S I T D
UniRef90_UPI000298BFE2 UniRef90_H9KYN7	A A G W S A R R G G E E Q R L Q E F Q T R V V N C VT T G W G L L N S N D E N T P A L L Q Q A AL P L L T N A Q C K Q Y W G F R L
UniRef90_UPI00042C2CB5 UniRef90_UPI0003331EAD UniRef90_M7ARZ9	WVSGWGHTDPSHTHNSDTLQDTVVPRLCNSSCMYSGALTPYVTGWGYGGNSVSDLRQGQVRLISTDVCNAPAGYGGSVLPSGWGNTLSSGTNYPDLLQCLKAPVLSSSKCSGAYPGQLTS
UniRef90_UPI000203B1AE UniRef90_UPI0003C1202F	S G W G N T L S S G T N Y P D L L Q C L K A P V L S S S K C S G A Y P G Q I T S F I S G W G T T S Q N S V K L Q E A K V N I L D V Q K C N S S Q W Y S G A M S P W G T A S S Q T D G K P E E L Q C L Y I P I L T D E E C E N S Y P G M I T Q W Y T G W G N L G S P S P K T L M E V E V P L R G N R E C N C D Y G V G T L T D
UniRef90_H3D158 UniRef90_UPI00042C89DA	ATTGWGILITKPTNANII IPDRILIQQATILIPILLISNTD <mark>C</mark> KKYWGNKII I
UniRef90_UPI00038ED01C UniRef90_I3LJ52 UniRef90_UPI0003F07A1C	WV LGLA QE A GLS SLQT V P V T L LG P R A C G R L H A A P G G D G I P A T T G W G K T K Y T A L K T P D K L Q Q A A L P I V S S T V C K S Y W G S K V V I T G W G V R E G G A M A R Q L Q K A A V R L L S E Q T C R R F Y P V Q I S S
UniRef90_H2S1K5 UniRef90_G3S4H6	WV T
UniRef90_F6TLZ0 UniRef90_UPI000203A52A	A G W G L T S D S G T R P F A L M E A D V D V I S R M S C N K T W L G G I D E S I G W G S L Y E D G P A A D V V M E A R V P L L A Q D T C R S A L G S Q L F T S
UniRef90_UPI0003AE1E38 UniRef90_G5EMQ6 UniRef90_UPI000333D355	VITGWG VTTGWGLTRYNAPDTPALLQQASLPLLTNDQ <mark>C</mark> KRYWGNKI FVTGWGASGPFPNTLRQVEVEVIPNDVCNQVHVYGGAVSS
UniRef90_UPI00033446107 UniRef90_W5LBE8	A T T G W G K T Q Y N S Y K T P D K L Q Q A A L P L L S N A D C M K F W G S R I A G W G S L Y F D G P A A D V V M F A K V P I L S Q G T C K S A L G K F I L T N
UniRef90_UPI0004544D0C UniRef90_F7GCM9	S G W G N V H E G N A T K P E V L Q K A S V G I I D Q K T C S V L Y N F S L T D Y I T G W G S T R E G G V M S K H Q K A M V N I I S E Q T C K K F Y P I Q I S S W I L G W G N G G K M S D I L L Q A S V Q V I D S T R C N A D D A Y Q G E V T E
UniRef90_G3SF67 UniRef90_I3JSI0	WILGWGNGGKMSDILLQASVQVIDSTRCNADDAYQGEVTE WYTGWGNIGSDVPLPSPGNLQEVSVPVVSNADCNNAYSNG
UniRef90_H2L6Z3 UniRef90_UPI0002BCE4CE UniRef90_H9G5K5	WVTGWGTIGSDVPLPSPGNLQEVSVPVVSNADCNNAYSNG TGWGNIGTGVSLPAPQTLQEVQVPLVGNRQCKCSYSSITD YVTGFGHGGESQNDLHEARLKIISDDVCKQPHMYGRHIKF VTTGWGRTSGTASGSAVRLQQVALPLVTVNQCQQYWGSRI
UniRef90_U3IXC2 UniRef90_UPI0003F0C191	FITGFGNEENTSPKLREAEVKLIDYKICNSDKVYEGYLTP FVTGWGKNGPFPNNIKQAOVEVISNDVCNOUSVYGGAVSS
UniRef90_UPI0003C456A3 UniRef90_F6WP27	F
UniRef90_H3BG42 UniRef90_UPI0002C42FE0 UniRef90_UPI00032B228B	V V S G W G V T D II Y R Y S L S N T L Q A A T II S V I P V N E C N S K Y G G K II V I T G W G S V R E G G A M A R Q L Q K A A V R L L N E Q T C R R F Y P V Q I S S G W G S I T P E N F L F P D E L Q C L N M D V Q S N A V C K Q N H I Y K V T P S G W G S I E P S E F E F P D D L Q C V Y L D L L P N E K C V K A H F D T V T D
UniRef90_UPI00038BE36F UniRef90_UPI0003C35761	FIVILG WGN LONA LE WILIRILIA EIVIPILIEN OF OCS DKYRK EGGIVILD
UniRef90_Q9XY46 UniRef90_UPI0003C83051	T GWGRGKDSPPPNDLQELNTFTIPQSVCRRMFNEDKIPIH FVTGFGNENISQNCLQQVQVDFIDTETCNQPQLYNNTITP
UniRef90_UPI0003EC6635 UniRef90_G3VPI0 UniRef90_U3IVG7	WVTGWGAVKEPFPQTLQEVEVPVFGNRQCNCLNGVGIVTD SGWGTTTSPQLTLPHTLRCANITIIDHRECEAAYPGNITD SGWGNLQEGNFTKPESLQKASVGIIDQKTCNFLYNFSLTD
UniRef90_UPI0003F159AA UniRef90_UPI00022F617D	YVT GWGY GGNTVVDLE QAKVKI I RNDVCNAPTSYNGAISS SGWGESHKSQVRLPDTLHCANISIISEASCNKDYPGRVLP AGWGYPSEDDQTVSNRLMYVDLPIINLGICKKLLSYVTDV
UniRef90_UPI000258F7B0 UniRef90_UPI000395819A	A G W G Y P S E D D Q T V S N R L M Y V D L P I I N L G I C K K L L S Y V T D V L I S G W G Y L K E D F L V K P E F L Q K A T V E D Q N L C S S L Y S H V L T D
UniRef90_UPI00032B0AB2 UniRef90_Q8IQ10 UniRef90_G3W245	A G W G Y P S E D D Q T V S N R L M Y V D L P I I N L G I C K K L L S Y V T D V L I S G W G Y L K E D F L V K P E F L Q K A T V E D Q N L C S S L Y S H V L T D A G W G A L F E D G P E A E A L R E A R V P L L S P D T C R R A L G Q A L R P S F V S G W G N T Q N S R E W L R Q V E V P L V N Q E L C S E K Y K Q Y G G V T E W I C G W G D L P G Q T T V L M E A E V V V T A Q P A C N S S W R G S I N Q D M Y I A G W G Y Q E G P S A E V V M E A R V P V L S Q D A C R S A L G K E L L T N W V T G W G Y R G E V S T V L Q Q A T V P L I D R A R C S Q S S V Y G S A I T P L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L S G W G Y L K E D F L V K P E V L Q K A T V P D Q A L C N S L Y G H S L T D L T
UniRef90_UPI000388A9B3 UniRef90_W5MIF5	YI A G W G Y Q E G P S A E V V M E A R V P V L S Q D A C R S A L G K E L L T N W V T G W G Y R G E V S T V L Q Q A T V P L I D R A R C S Q S S V Y G S A I T P
UniRef90_UPI00045E0431 UniRef90_UPI0003C15CA3	LISGWGYLKEDFLVKPEVLQKATVEDQALCNSLYGHSLTD WITGFGKTERTSPFLREVQVNLIDFKKCNDYLVYDSYLTP SGWGNTQEGNATKPEILQKASVGIIDQKTCSVLYNFSLTD
UniRef90_G3VWU4 UniRef90_W5LVA4 UniRef90_UPl0003345055	WVTGYGTTAEGGSLPQQEVQLPVIGNQECRCLNSEYNITS WITGWGQREGGPTSNGLQKVDVQLIPQDLCSEAYRYQVTP FVTGFGNNGNTQNHLRQVQVNLIDTKTCNTPQVYNGGITP
UniRef90_G5B153 UniRef90_F2XFU0	FVTGFGNNGNTQNHLRQVQVNLIDTKT <mark>C</mark> NTPQVYNGGITP SGWGLAKLGGEAYMPLLQ <mark>C</mark> LNVPIVDQQVCENAYPGMIST
UniRef90_P49862 UniRef90_UPI00032B1481	S G W G I A K L G G E A Y M P I L Q C L N V P I V D Q Q V C E N A Y P G M I S T S G W G T T T S P D V T F P S D L M C V D V K L I S P Q D C T K V Y K D L L E N T V T G W G Y P L Q Q L E V P L I S R E T C N C L Y N I D A N P E E P H F I Q D
UniRef90_UPI00032B1DF1 UniRef90_G3PHK6 UniRef90_UPI0002235A2F	VVTGWGMFGDFPELLQQALVKLIDNKLCNAPYALSGLVTEAGWGDVGDNGTLPERLQEVNVTLLPQRTCSRRWRGVPLTRSVTGWGSPSGVPLIDTLKCNWLYSKDTDMNSDFQPQTLKD
UniRef90_UPI00022CACD5 UniRef90_A4UWM6	T G W G R L Y D E G P L P S V L Q E V A V P V I N N T M C E V M Y R N A G Y L E A G W G R D A E G G S L P D L L Q E A E V P L V D Q D E C Q R L L P E Y T F T S A G W G R L A P N G R F P N T L Q E V E L T V Q K D K E C E T R F Q K H Y D S A
UniRef90_UPI00038ECA04 UniRef90_UPI00021A8603	A G W G R L A P N G R F P N T L Q E V E L T V Q K D K E C E T R F Q K H Y D S A A G W G Y E D Y P I T S E N L M Y I D L P L L S H S T C K K L L E N I T D F P A
UniRef90_UPI000333DE10 UniRef90_R9WPA7 UniRef90_W5PIW6	A G W G Y E D Y P I T S E N L M Y I D L P L L S H S T C K K L L E N I T D F P A R A G W G K T G V T K P T S D I L R E V K L R I M D E N A C Y C F E N Y N N Y S G W G T T T E G G V S P S K L H Y V D V P T V T D A E C R K H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y V D V D E N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T I E P I P O V L O E I N I V T V V T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T T E G G V S P S K L H Y G D S E I E D L A M G W G R I G T T T E G G V S P S K L H Y G D S E I E D T T T T T T T T T T T T T T T T T T
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UniRef90_A0A024F292 UniRef90_UPI000386FF96	TVAGWTREGSYSLPTKLQKVDVPLVSSEACNKAYNNGITD SGWGATTSPEVSYPDVLQCVNVTIFSTAECQQLYPGSITE RVSGWGDTTESTSMLRATDVPTIHQGRCSDAYENFGGVTP
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	N M F C A G Y L E G G K D S C Q G D 03344E10 N M I C L G F L E G G K D S C Q G D 03C4BD8F T M L C A G Y L E G G K D S C Q G D 02C42E03 N M Y C A G F L E G G K D S C Q G D 05 N M F C L G F L E G G K D S C Q R D 06 N M F C L G F L E G G K D S C Q R D 07 N M F C A G F L E A G G K D S C Q R D 08 N M F C A G F L E A G G K D S C Q R D 09 N M F C A G F L E A G G K D S C Q R D 09 N M F C A G F L E A G G K D S C Q G D 09 N M F C A G F L E A G G K D S C Q G D 09 N M F C A G F L E G G K D S C Q G D 000 N M I C A G L S A G G K D S C Q G D 000 N M I C L G F L E G G K D S C Q G D 000 N M I C L G F L E G G K D S C Q G D 000 N M I C L G F L E G G K D S C Q G D
M	MF C A G Y L E G G K D S C Q G D M L C A G Y L E G G K D S C Q G D M L C A G Y L E G G K D S C Q G D M Y C A G F L E G G K D S C Q G D M F C L G F L E G G K D S C Q G D M F C A G F L A G G K D S C Q G D M F C A G F L A G G K D S C Q G D M I C L G Y L Q G K K D A C Q G D M I C L G Y L Q G K K D S C Q G D M I C A G L S A G G K D S C Q G D M I C A G L S A G G K D S C Q G D M I C A G L S A G G K D S C Q G D M I C A G L S A G G K D S C Q G D M I C A G L S A G G K D S C Q G D M I C A G L S A G G K D S C Q Y
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UniRef90_P49862 Q P N D P G V Y T Q V C K F T K W N D T M K K H UniRef90_UP100032B1481 A P N R P G V Y T L T S R Y A S W H Q Q V UniRef90_UP100032B1DF1 K K Y K P G V Y T R V T S Y R D W L T S					
UniRef90	QUERY	QKNKPG	/	YVS WI	
UniRef90_P10002C42E03 UniRef90_F00059 UniRef90_F00059 UniRef90_F00059 UniRef90_F000030 UniRef90			/ Y T K V C N	YVDWI	
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UniRef90	UniRef90_I3NFU5	LKGKPG\	/ Y T K V <mark>C</mark> K	Y L D WI	QETIAAN
UniRef90		RKNRPGN	/ Y T K V Y N / Y T K V C N	YVDWI	RDTIAAN
UniRef90		QKGKPG\	/ Y T K V <mark>C</mark> K	Y V K W I	RQTIADN
UniRef90		R P N R P G \	YTRVSQ	YQTWI	
UniRef90		QKGRPG\	Y T K V C N	YVSWI	
UniRef90	UniRef90 S9WQD4	QKNKPGI	/ Y T K V <mark>C</mark> N	Y V D WI	EETI VAN
Uniref90		R P G Y P G \	/ Y K V <mark>C</mark> N / Y A R V T S	Y L S WI	
Uniref90		FRDHPGI	/ Y A K V <mark>C.</mark> II	F N D WI	ESTMAS
UniRef90		QANYPG\	/YSRVSM	Y Q N WI	N Q Q L T S N
UniRef90 UP10003331AB		STSTPGN	/Y A RVT K	L R E WI	DSVLAAN
UniRef90 UP100023B1AE	UniRef90_UPI00042C2CB5	E P N H P G \	/ Y A K V A E	F L D WI	HDTVRA
UniRef90_UP10003C1202F		OKGYPGI	/ Y I R V I S / Y T K V C S	YRDWI	
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UniRef90	UniRef90_UPI0003446107	NPFSPG	/ Y T R V T K	FII P WV	REVLQAN
Uniref90		EKGKPG\	/ YTR <u>V</u> TA	FTDWI	
UniRef90_		RPYFPG	Y S K WT A	V R G WI	
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UniRef90_UP10002BCE4CE			/ Y	YQSWI	N S K I I I N N T O I T T N
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UniRef90_F8WP27	UniRef90_UPI0003F0C191	KPNKPGL	. Y T K V T <u>L</u>	IY R D WII	
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UniRef90_UP10003C83051	UniRef90_UPI0003C35761	RPDFPGI	YSRVSY	V R D WI	R T N
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UniRef90_UPI0003F159AA UniRef90_UPI00022F617D T T T K P G V Y T R V T T Y R D WI S Q UniRef90_UPI000258F7B0 UniRef90_UPI000395819A E A R R P G V Y T R V T K L R D WI L D A I S A UniRef90_UPI00032B0AB2 UniRef90_UPI00032B0AB2 UniRef90_UPI000388A9B3 UniRef90_UPI000388A9B3 UniRef90_UPI000388A9B3 UniRef90_UPI00038B19A E A R R P G V Y T R V T K L R D WI L D A I S A UniRef90_UPI00038BA9B3 UniRef90_UPI00038BA9B3 UniRef90_UPI00038BA9B3 UniRef90_UPI00038C15CA3 UniRef90_UPI0003C15CA3 UniRef90_UPI00033C15CA3 UniRef90_UPI00033A5055 UniRef90_UPI00033A5055 UniRef90_UPI00032B1B1 UniRef90_UPI00032B1B1 UniRef90_UPI00032B1B1 A P N Y P G V Y T R V T A L R D WI L E A L A UniRef90_UPI00033B1B1 A R P R P G V Y T R V T R L R D WI L E A L A UniRef90_UPI00033B1B1 A R P R P G V Y T R V T R L R D WI L E A L A UniRef90_UPI00033B1B1 A P N Y P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N Y P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N Y P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A V T A L R D WI T S K I UniRef90_UPI00032B1B1 A P N R P G V Y T R V T A V T A L R D WI T S W R D WI T S	UniRef90_UPI0003EC6635	RPNLPGI	/ Y S R V S R	YQSWI	KSRI
UniRef90_UPI00022E617D		VSRKPG\	/ Y T K V <mark>C</mark> K	X N D WI	
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UniRef90_G3VWU4 UniRef90_W5LVA4 UniRef90_UPl0003345055 UniRef90_F2XFU0 UniRef90_P49862 UniRef90_UPl00032B1481 UniRef90_UPl00032B1481 VniRef90_UPl00032B1DF1 K		ORNKPGN	/ Y A R V I R / Y T K V T F	A T B MI	LEALA YSKMF
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UniRef90_F2XFU0		R P N L P G	/ Y T R V S Q	YKAWI	Q A QII G S
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UniRef90 A4UWM6 RPERPGAYARIVISAFASWII IAETRRS	UniRef90_A4UWM6	RPERPGA	AYARIVISA	FASWI	AETRRS
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UniRef90_A0A024F292		KAKYFG\\	/ Y A K V S N / Y T K V <mark>C</mark> P	ALLE WIL	
UniRef90_Q16KW4	UniRef90_Q16KW4	VEGYPG	YSRVAA	V Ř Ď WI	R K
UniRef90_UPI0002654FD0	UniRef90_UPI0002654FD0	R P N K P G	/ Y T R V S Q	F I D F I	N S V <u>V</u>

UniRef90_UPI0003D0DF0F UniRef90_UPI0003342EB8 UniRef90_UPI0003C391E3 UniRef90_Q16TL9	DRII I S G Y E C Q P H S Q P W Q V F F T Y G Y R W C G G A L I S P E W V I S A I Y C G T E A K P H S R P Y M A L I R G N R Y R C G G F L V R D N F V M T A E R I V G T N A S P N E F V M A V I K S G K Q F C G G S L I T N N H V L T A F V M C F V P F Q V S I S R S H F C G G S L I S F R W V M T A	١
UniRef90_UPI00034FAC5F UniRef90_D3TL68 UniRef90_B3MFA1 UniRef90_W5KUB8 UniRef90_UPI00021A7E2D	RIVGGMNSSWGEWPWQVSLQSRSHLCGGSLIAPQWVLTARIVNGVEAKIEDRPYQVSIQKGNHFCGGSIISKDIVVTARIVGGGYETSIDDHPYQVSLQSGSHFCGGSIISKDIVVTARIVGGGRAADVGEWPWQVSLHTNGHTCGASIISNRWLLSARIVGGGETTIEAAPYQVSLQNGRHFCGGSIISKNWVVTADRIKGGSTAQKGEWPWQASLRNGKHYCGASLIGARFLLTA	\ \ \
UniRef90_G3I5K3 UniRef90_W5L471 UniRef90_E9QBX0 UniRef90_UPI0001DEC7C1	RIV VIGGOV A QRGA WP WQVISILIY FA GHY CGA SIVI I SSE WL VISA RIV VIGGODA QRGA WP WMV I L QWGGHA CGA T L I DRE WL I TA RIV IMSGODA KIVIGO WP WOVISIUR DGOHIVIGGGSU I TED WV I TA	\ \ \
UniRef90_J9JT67 UniRef90_UPI00038EFD78 UniRef90_UPI00046B4DAE UniRef90_UPI0003334565	E R II V I G G Q N A D P G E W P W I V A II F N G R H F C G G S L I I D D T H V L T A K II I G G H E A K P H S R P Y M A Y L Q L R E T S C G G F L I H E K F V L T A	\ \ \
UniRef90_M3Y2J4 UniRef90_F1Q314 UniRef90_F6WH76 UniRef90_Q17025 UniRef90_G3I4R3	E RII I G G A Q A E E G G W P W Q V S L Q T N N H H C G G V L I S D V W I L T A K I V G G Q N A Q E G Q W P W Q V S L W S E G H I C G G S L I H P S W V L S A I I G G T E C K P H S R P Y M A L L Q N R L M S C G G F L I R N F V L T A R I V G G R D A R D G Q W P W Q A S I Q R G A H V C G G S L I A P Q W V L T A R I V G G T N S S L G E W P W Q V S L Q V K H L C G G S L I A P Q W V L T A N R V V G G E V A K N G S A P Y Q V S L Q G W G H N C G G S L L N N R W V L T A E K I F N G V E C V K N S Q P W Q V S L R D G S H L C G G S L L S G D W V L T A R I V N G E D A S L G R W P W Q V S L R D G S H L C G G S L I S Q D W V V T A R I V N G E D A R Q G E L P W Q V S L R H G Q H I C G G S V I N K N Y I I T A R I V N G E N R I G E L P Y Q V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I G E L P Y Q V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I G E L P Y Q V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I G E L P Y Q V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I G G L P Y Q V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I G C R I P Y Q V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I S C R I S Q D W V S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I S C R I S Q D W S L Q D D R H F C G G S V I N K N Y I I T A R I V N G E N R I S C R I S Q D W S L Q D D R I F F C G G S V I N K N Y I I T A R I V N G E D R I S C R I S Q D W S L Q D D R I F F C G G S V I N K N Y I I T A R I V N G E N I S C R I	\ \ \
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UniRef90_W5PEC6 UniRef90_Q8K1T0 UniRef90_UPl0003F12D18 UniRef90_G3W4G7 UniRef90_H9GBW9	RIVNGENVSLGEIPYQVSLQDNFHFCGGSVLNKNYIITA ERIVQGSEAAEGEWPWQASLQGAGHQCGASLISNTWLLTA RIVGGNMSSLTQWPWQVSLQFGYHLCGGSIITPLWIVTA KIVGGNNAKEGAWPWIIALYNGRLTCGATLVSNNWLVSA DEIIGGEESRPHSRPYMAFLKIKHYYCGGFLIRRDFVMTA RIVNGEEAVPGSWPWQATLQSGWHFCGGSLVSERWVVTA	١
UniRef90_B3MU10 UniRef90_H9G8R3 UniRef90_UPI0003C88491 UniRef90_UPI0003C13A48	NRI VGGQQVRSNKYPWIAQLVKGRHFCGGSLINDRYVLIA RI VGGNQVHQGSHPWQVSLRNNHHFCGGTLVSTQWVVTA RII VGGTNSDWGFWPWQVSLQVKNHFCGGSLIGHQWVITA	\ \ \
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UniRef90_UPI0002739C43 UniRef90_UPI000388EDCB UniRef90_P40313 UniRef90_F7F2L3	ERI VIGGREVIK PHSRPY MASILIRKGEHHCGGVLIF MAQWVLITA ERII I GGRNCRFGSRPY QVVALIRNGRVT CGGSLITAPK WVLITA RII VNGFNAVI GSWPWOVSI I OSGFHFCGGSLITS OSWVVTA	\ \ \
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UniRef90_H0XDT6 UniRef90_UPl0002BCEC83 UniRef90_F7A010 UniRef90_K7INM2 UniRef90_F1NMD1	RIV V G G V D A E V G E W P W Q V S L Q G Q G H V C G A S L I S P S W L V S A R V V G G R P A P E R K W P W Q V S L Q N D K H I C G G S L I A S W W V L T A E R I I S G T Q A S A G D W P W Q A S L R N N A H H C G A L L I S D T W L V T A R I V G G D G S T F G K W P W Q I S L R O W R H K C G A A L I N F N W A I T A	١
UniRef90_UPl000383C61C UniRef90_B4JQR6 UniRef90_UPl0003F173FC UniRef90_T1IYD9	RISSWRNSTVGGHPWQVSLKGGHHFCGGSLIQDDLVVTANRIVGGQQVRFNKYPWTAQLVKGRHFCGGSLINDRYVLTA	\ \ \
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UniRef90_UPI00038EABEA UniRef90_UPI00046BF5FF UniRef90_UPI0003C12EFA UniRef90_UPI000333041F UniRef90_W5M199	RI ADGYPAKKADWPWQASLQDGIHFCGASLISEEWLLTARNRWVGGEDALEGEWPWQWSIQNGTHFCGASLISEEWLLTARNRWVGGEDALEGEWPWQWSIQNGTHFCGGSLIAPTWVLTARNRIVGGRPTGINRYPWVARIYDGHFHCGASLLTEDYVLTARNVGGRPTGINRYPWVARIYDGHFHCGASLLTEDYVLTARNVGGNTAQPGNWPWQVSLQYKTHLCGGTIITPYWIVTARNIVGGHSAVSGEVPWQVSLKEGRHFCGATVVGDRWLLSARILGGTRAERNKWPWQVSLHDSSHSCGGSILRRRWVVTA	
UniRef90_UPI0003343484 UniRef90_W4YJB8 UniRef90_H0XB14 UniRef90_UPI0002C36192	RVI GGRECARHSQPWQVALLYHYSNFCGGVLVHPRWVLTARII GGSNAQLGDWPWMVSLRDRIHRCAAVII NNSTAIITAKVLEGQECQPHSQPWQAALFQGNQLCGGVLVGANWVLTAERII GGTKAKEGDWPWQVSLQWDNHHCGGGVFISKEWILTA	\ \ \ \
UniRef90_UPI0003BBF616 UniRef90_G1SLC3 UniRef90_UPI00045DFF81 UniRef90_H2LKA2 UniRef90_UPI0004420626	N R V G G R D A R E G E W P W Q A S Q R G A H V C G A A L I A Q W V L T A N K A G G T A A E E G E W P W Q A S Q Q D Q H R C G A T L I S N S W V T A A R I G G A F A A G R W P W Q V S S R H T C G G S I T R Q W V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M V T A C M	\ \ \
UniRef90_P35034 UniRef90_UP100022F6147 UniRef90_A7UNU1 UniRef90_UP10003DF4F4B UniRef90_UP100038C5739	RILGGSESAPHQRPYMASLQDGTHLCGGFLIAAQWVLSARIIGGHECAAHSRPFMASLNYGYHFCGGVLINNQWVLSVDKVVHGVPCMKNSHPFQAALNYGYHFCGGVLINNQWVLSVDKVVHGVPCMKNSHPFQAALYTSGHLCGGVLIDPQWVLTARIIGGHNASINEYPYQVSLQRSSHFCGGSIISDRWILTARIIGGHNASINEYPYQVSLQRSSHFCGGSIISENWLLTA	١
UniRef90_P20151 UniRef90_UPI0002A4A456 UniRef90_C3YMR7 UniRef90_L5KUM3	RIVGGWECEKHSQPWQVIAIVYSGWAHCGGIVLVIHPQWVLTA RIVNGEEAIVPHSWPWQVISIQNGFHFCGGSLINENWVVTA RIVVGGFDAAPHSWPWQVISIQNNAHYCGGIVIIHFDWVITA	\ \ \
UniRef90_C1BQ60 UniRef90_E9Q409 UniRef90_UPI0003C28E9D UniRef90_UPI000441A8C5 UniRef90_UPI000395A4F1 UniRef90_UPI0003C4488D	RIVGGRDCREGECPWQALLINNEGFCGGTILNEFYVLTARIJGGEVVEPNSIPYQISIKNGFHFCGGGSIYDENTVITARIJGGEVVEPNSIPYQISIKNGFHFCGGSIYDENTVITARIVSGQDAQLGRWPWQVSVRNGAHVCGGSLIAEDWVLTARIVGGNASAPKQWPWQVSVRNGAHVCGGSVITPWWIVTARIVGGSETYEGEWPWQASLHFGVAYCGASVISKEWLLSARIVGGNDARREAWPWIVSLHFNFQVCGASVISKEWLLSARIJGGKETEPHSRPYMAYLKDKYFRCGGFLVAENFVLTA	\ \ \

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UniRef90_K7FQV3 UniRef90_UPI0003336B24 UniRef90_F7DX28 UniRef90_F1QJG3 UniRef90_UPI00033384BB UniRef90_E9H8J7	RI V G G L N S E V G E W P W Q V S L H G Q G H I C G A S L I S D T W L V S A K V L Q G H E C E A H S Q P W Q T A L F Q G R L L C G G V L V G P R W V L S A R I V G G T D A R E G A W P W Q V S L R R G S H I C G G S V I G T Q W I L T A L V D G T E A E P H S R P Y M V S L Q K S R H L C G G F L I H Q Q F V L T A L V D G T E A E P H S R P Y M V S L Q K S R H L C G G F L I H Q Q F V L T A L V G G Q S A G V T E W P W Q T L L A D G N Q Y C G A T L I S P N W V L T A R I V G G Y A P V P H S L R Y L V S L Q R G Q H F C G G S L I N R Y W V L T A R I V G G S L A G K N E F P W Q V A L L T R R Q F C G G S I I S D S W I L T A R I V G G V E S V P H S R P W M A A L N R N F L F C G G T V I N N I Y I L T A R I V G G R P A A F G O W P W Q V S L Q K F H V C G G S L I A N R W V L T A
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UniRef90_D6W7D1 UniRef90_I0I1H9 UniRef90_M7BKY1	VIGWGSESGPQPSVLQEVNIPIWSNRDCKLKYGPAAPGGISGWGATSEGGQSASILQKVRLPIVSNDACNAVYNSGITQNYVTGWGALKENSYLAKTLQEAKVKIINQSICNKLYDDLIT
UniRef90_UPI0003F0AA01 UniRef90_UPI000388EB4F	WATGWGNVQEGDPLPEPWTLQ <mark>CQC</mark> LYSRPGPFNLTLELLP WVTGWGYTQQDGTALQQAQIIKLIDSNT <mark>C</mark> NALAAYQGEVSD
UniRef90_I3JAH0 UniRef90_H2RVQ8 UniRef90 O35164	LVAGWGITEENHLSDHVTVIGRHKCNSCEYYNYTPLITSD FLAGWGRDTDASGSLPQQAEVPLVHQQQCQELLPEYNITS WAAGWGRTGVKKSISHTLREVELKIVGEKACKIFRHYKDS GGWGATREGGTSVTQLRSVQLIVVKQSACRLAYQGATTTI
UniRef90_B4KXH7 UniRef90_UPI0003C17A04	GGWGATREGGTSVTQLRSVQLTVVKQSACRLAYQGATTTI SVAGWGKDSTGTYADTQEVKLTVQEDRRCEAYLRNYYNRA
UniRef90_M4AWU3 UniRef90_UPI0001DE890D UniRef90_W5L8P0	SVAGWGKDSTGTYADTQEVKLTVQEDRRCEAYLRNYYNRA QVSGWGHGGQVPVKLRTVTVPLVSAARCNGSDSFNGNITA WVTGWGNIASNVSPLIGNQQCNSILQAPSPLGPSSFAILN YIMGWGIREDGKLTTLLQKAKVSIIDQSDCLPSYSGRLTA
UniRef90_R0JA89 UniRef90_UPI00034F900F	S G W G A T H G R G S T L R F L M K V R L P I V S M D M C Q Q A T D R I L T D N F I S G F G K T D F G S O Y I M O A O V H V I P T S V C N K V N V Y N G A L T P
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UniRef90_I3KK13 UniRef90_UPI0003F08948 UniRef90_L5L1A1	A G W G R V I Y E G P T A S I L Q E A V V P L V S N D R C Q Q Q M L E Y N I T E S V A G W G Q V M G T L A T T L Q E V E L T I Q K D R E C K S C F P H Y Y S K D W V T G W G A P Q T N A P L P P P Q R L Q Q V S V P L V S N L Q C N A A Y G T G
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UniRef90_F7CZE7 UniRef90_K7GHC4	LTGWGQRQEANDQGS <u>ALLQKAEVELV</u> DQTL <mark>C</mark> HSTYGLLTA
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UniRef90_UPI00045D94C0 UniRef90_W5MDG1	WV VG WG K T K E S Q D S D F Y PI L Q E V E V P V I D H K A C E K L Y N P I C V A G WG S V N K K G R K L S N T L L E V T V T V K S L Q A C R D H WG E E F WA T G WG D I Q E A A P L P L P W T L Q Q V E L K L L G E A A C Q C L Y N R P
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UniRef90_UPI00 UniRef90_UPI00 UniRef90_UPI00	00331927B E 003C00859 K 003EC4024 S	HMLCVES GMICGYI	S	C K G D C K G D C Q G D	SGGPLV SGGPLV SGGPLM	/	A E G V T S Q V G I V S - I G V T S	WGTSTC GGARVCG WGLACG FGAGCG
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UniRef90_B4KX UniRef90_UPI00	(H7 T 003C17A04 N	NRMFCA QLCVGD	Q A R G R D S K T K K A T	C S G D F K G D	SGGGAV SGGPLV	QNNRI CDNV	MGIVS	G G G G G G G G G G G G G G G G G G G
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UniRef90_UPI00 UniRef90_L5L1/	A1 S	MI CAGYI	E E G G [D S	C Q G D F K G D	SGGPLN	TCQWFI TCNNT\	A GVT S	S F G R E <mark>C</mark> A S Y A K M D K S F V T G <mark>C</mark> G
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UniRef90_F6W1 UniRef90_L5M2	1110 T	O(M/C)///(C)D) NIIV/IM K A S	$= \cap \cap \cap$	e c c D II V			S Y G F Q N G S Y G R T N A
UniRef90_UPI00 UniRef90_P3500 UniRef90_U3JV	0046B1492 N 38 R 'S3 R	MI CAGY	EKHGKDS QQGGKDA FGGVDA		SGGPLV SGGPSR	/	- R G L V S - 1 G V V S - V G V S	6 WG∐P CG 6 WG A G CA 5 WG D F CA
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UniRef90_UPI00 UniRef90_T1JC UniRef90_UPI00	002659022 I W7 N 003C4C2FF F	NENHL <mark>C</mark> I MM <mark>C</mark> AGV	DILID G T G V S S G G K D A T D II G K D S		S G G P L V S G G P M V S G G P I V	/ <mark>C</mark> E H L I / Y Q W Y I / C T W V /		S W G D G C A S F G V D C G S W G N G C A S W G I G C G
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UniRef90_UPI00038C287D UniRef90_H2LPJ6	A H <mark>C</mark> VEEPLNKPRYWTAFAGILNQYNMYYEKRHQVF A H <mark>C</mark> LVTNWTLYFGR <u>ET</u> QAGPN <u>S</u> NEVSRSITKI I VI	IPNYDS IPNYNN
UniRef90_UPI0002C670BB UniRef90_UPI00044068CD	A H C I VT N WT L Y F G R E T Q A G P N S N E V S R S I T K I I V I A H C F R N K K R V Y D W R L I F G A R E I E Y G E R R V E Q I L I I I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V D T I F V I A H C I S D T L T Y R V K N N L E V E N E K G S L F V G V E V E V E V E V E V E V E V E V E	HEKYSP HKKWNS
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UniRef90_F1SNW6 UniRef90_A0A022T3X1	A	PKYWG YGSDES
UniRef90_UPI00042C0D16 UniRef90_UPI0003C8E59E UniRef90_UPI0002038B12	A H C L Q S K N N P L F W D H D R T L K E S T E Q V R R A K H V V V F A H C G V K T T D V V V A G E F D Q G C G A W G P Y L G H L Q V F K N A H C V Y G R N M K P S Q W K A V L G M H N Q T V I R E I D Q I I I S A H C A G R S I T V L L G A H N K K V K E D T W Q K L E V E K Q F P F	HEDFDS NPKFNI SPHVNK
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UniRef90_UPI0002235C3D UniRef90_UPI00029D89D8 UniRef90_F7F525	H	
UniRef90_P28293 UniRef90_H9H3N1	A H C L G S S I N V T L G A H N I Q M R E R T Q Q L I T V L R A I R F A H C I S D N T T Y G R H N L Y I A E S G S L V I S V S K T V V H P F	TPDYNP KWNSSD
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UniRef90_F1SNW6 UniRef90_A0A022T3X1	MMMCAGYAEGMKDTCKGDSGGPLVCKWLLAGIVSWGEGCAKKDMICATNYGENLCYGDSGGPLACRWILAGVLSWEKACTNEICAAYPEGGKDACQGDSGGPLAIEGRLAGLTSWGIGCAMICAGFATSGRKDLCQGDSGGPLVCRHVLYGIVSWGAGCA
UniRef90_UPI00042C0D16 UniRef90_UPI0003C8E59E	MICAGFATSGRKDLCQGDSGGPLVCRHVLYGIVSWGAG <mark>C</mark> ARN <u>P</u> PSKLGTRVGDS_GGPLVCQKDGAWTLVGIVSWGSGTC
UniRef90_UPI0002038B12 UniRef90_O70164	N M L C A G Y D E G G I D S C Q G D S G G P L M C Q W L L A G V T S F G Y Q C A P Q L C V G N P K K I R N V Y K G D S G G P L L C A G I A Q G I A S Y V L R N A T M L C A G F P D A G V N A C Q R D S G G P L V C R W L L A G I T S W V V G C A
UniRef90_UPI00045E47CF	T MLCAGFPD A GVN A CQRDS GGPL VCRWLLAGITS WV VGCA
UniRef90_G3USA9 UniRef90_Q80WM7	M F C A G Y E T E Q K D A C Q G G P H V T R Y K D T Y F V T G I V S W G E G C A G N L C A G Y R R G H K D A C Q G D S G G P L T C H W V L V G V V S W G K G C A T E L C A G L L S G G T D S C Q G D S G G P L V C F Y I L Q G V T S W G L G C A N M L C A G T K E G G N D S C E G D S G G P L V C N G K L H G I I S W G D P C G T N M I C A G G D G V I C T C N G D S G G P L V C S N V A Q G I V S Y G S N N G T S M I C A G G D G V I C T C N G D S G G P L V C S N V A Q G I V S Y G S N N G T S M I C A G G D G G V I A S C N G D F G G P L N C Q W E V H G I V S F G S G C N N M L C A G Y P R G K M D S C N G D F G G P L N C Q W E V H G I V S F G S G C N N M L C A G Y P R G K M D S C N G D F G G P L N C Q W E V H G I V S F G S G C N N M L C A G Y P R G K M D S C N G D S G G P L N C Q W E V H G I V S F G S G C N N M L C A G Y P R G K M D S C N G D S G G P L N C Q W E V H G I V S F G S G C N N M L C A G Y P R G K M D S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S M S C N G D S G G P L N C Q W E V H G I V S F G S G C N S C N G D S G G P L N C Q W E V H G I V S Y G S N S C N G D S G G P L N C Q W E V H G I V S Y G S N S C N G D S G G P L N C Q W E V H G I V S Y G S N S C N G D S G G P L N C Q W E V H G I V S Y G S N S C N G D S G G P L N C Q W E V H G I V S Y G S N S C N G D S G G P L N C Q W E V H G I V S Y G S N S C N G D S G C N S C N G D S
UniRef90_UPI0002235C3D UniRef90_UPI00029D89D8	T E L
UniRef90_F7F525 UniRef90_P28293	T N MII
UniRef90_H9H3N1 UniRef90_E2A336	
UniRef90_R4GKG6 UniRef90_F6JSA4	T E K M M C T D S R K K D T C K G D S G G P L V C N G V A E G V V T A G S R C G N M [C A A E E Q G G K D P C Q G D S S G P L T V G G Q L A G I V S W G A G C A
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UniRef90_M4AQ99 UniRef90_J9PB81	T S MII
UniRef90_B4KM22 UniRef90_UPI0002236300	T S G M C T S G N H K D A C Q G D S G G P L V K G G K L V G I V S W G G C A T E R M M C A E S K R R D S C T G D S G G P L V C G G V A A V V T S G S R V C G
UniRef90_G3VR62 UniRef90_UPI0003C91ED1	T E K M M C T D S R K K D T C K G D S G G P L V C N G V A E G V V T A G S R C G N M C T D S R K K D T C K G D S G G P L V C N G V A E G V V S W G A G C A N M F C A A E E Q G G K D S C Q G D S S G G P L T V G G Q L A G I V S W G E C C A P S P L H E T N L C T G P L S G G S P S S G P L V C K G E L V G V V S W G L P C G N M L C A G F L E G G K D S C Q G D S G G P L V C K G E L V G V V S W G L G C A K S Q L C T F Y T K S F L S G G Y S A C S N N G H R E L L V G V V S W G L G C A K S Q L C T F Y T K S F L S G G Y S A C S N N G H R E L L V G V V S W G L G C A K S Q L C T F Y T K S G L G G S S G G P L A L N G S L C T S F L M G T C A G S T L S G G S S S G S S G S S G S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S G S S S S G S S S S G S S S S G S S S S G S S S S G S S S S G S S S S G S S S S G S S S S G S S S S S G S S S S S G S S S S S G S S S S S S S G S
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UniRef90_T1JW44	WHIL CAGTKEGGKGT CHGDSGGPLQCQWHLAGII TSFGSGCA

			21	٥		220
UniRef90_I3LP35	<u>T</u> P	PAV	21 F <u>T</u> R	V S S	F L P W	220 I R R T <u>M</u> S
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UniRef90_B4KK98 UniRef90_UPI00034F5I		OP GIV	YGR	VSY	V R E W Y R R W	I R K H
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UniRef90_S9XEN2	KKLI	VI OLV]	V I S		
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UniRef90_UPI00042C0		K P D V		v S V	FLDW	iQSK∏K
UniRef90_UPI0003C8E	59E ATS	SPGV	YAR	VITE	L MP W	VQEILAAN
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UniRef90_G3USA9	RKG	∢Y G∥I	YTK	L S R	F L R W	L <u>L </u> K Y <u>L</u> N A
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UniRef90_E2A336	KRG	(F G I	Y A R	LSN	Y V R W	I T K V <u>I</u> _K
UniRef90_R4GKG6	NYKK	X P A II	YTR	I A P	Y	I D G V M A S I T D
UniRef90_F6JSA4 UniRef90_F6RFT9	VKGK	∢Y G∥I	YTK	V S R	Y V N W	I KEKTK
UniRef90_K7IV03	TRGA	A P S V	FVK	V S S	FII ID W	I R DII I
UniRef90_F6XB42 UniRef90_F6Y1Q1	R P G F	A P G V	YIF	V F N	Y L N W Y L R W	I K T V T A V Q N I I E N N
UniRef90_Q9XY47	GGG	IP DV	FGR	V L D	FKPW	IDSHMAND
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UniRef90_UPI000388FI	D1E SAF	PAV	YTR	IAN	YLPW	I K T I M
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UniRef90_S4X468	TPGF	= P G V	YTR	V P F	FII ID W	I F K N I F
UniRef90_F7DGA6 UniRef90_Q1HP67	Q P N k	C P G V	YIS	V P A	YSAW FVTW	I QEY <mark>V</mark> PS I EGMMRNN
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UniRef90_G1RE37	R P L F	RPGIV	YTQ	V L S	YTDW	I Q R T L A E
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UniRef90_J9PB81	ΤP	PAV	FTR	i S A	ĖМРW	V <u>R</u> RTMR
UniRef90_B4KM22	R K D Y	Y P G V	YTN	ĂΫĂ	YRNW	I LSN KNN
UniRef90_UPI00022363 UniRef90_G3VR62	300 NPK K KANF	R P G V	YGN	IL IT IV I	Y V A W F T D W	I D R V M A E I Y Q Q M Q A N
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UniRef90_H9K0F6 UniRef90_E4XN62	R P G \	Y P G V	YTR	V T R	YUDW	I I E S V <mark>C</mark> G E N
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UniRef90_D6WZJ7	LPG\	Y P S G	FTR	I T S	F L D W	I N O
UniRef90_T1JW44	n P G f	r ν ۷	ı ı K	V I □		I NQL

	4 40 20 20 40
UniRef90_F1QLS3	1
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UniRef90_UPI0003EC504E UniRef90_B4KVM1	R I V G G Q D A V E G H W P W Q V S L H Y G Q H I C G G S L I S D R W I L T A R I V G G T T T G V S E Y P W M A R L Y F N R F Y C G G T L I N D R Y V L T A
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UniRef90_D3TKM8 UniRef90_U5EYE8	R
UniRef90_UPI00038717CB	RII VIG GILI CPPG ECPWQ AILI QN QVIEK CGGTILL SPEWV VIT A
UniRef90_E9GLZ0 UniRef90_W8CBQ3	RI VGGTEAVPNSLPWQVALFDDKYFCGGSLISNEWVMTA RI INGYEAQKGEAPFIVSLKTSSHFCAGSIIDEN <u>W</u> VLTA
UniRef90_Q1D4H1	V G G <u> </u> E A R P
UniRef90_F1QUI4 UniRef90_T1ELH4	I VNGREAKPHSRPYMVSVHNGEHL CGGFLISEEFVLTA I VGGIEARPNEFPWQVSLQSGFHYCGGSVINSKWVLTA RI VGGREAPEGAWPWQVSIQLQHHHCGGTILSSVWVLTA
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UniRef90_Q4V5J3 UniRef90_UPI0003D0F76E UniRef90_K7J298	Y V A G W G A T T A R S Q K L Q E A K V H L I N V Q I C N S S E W Y Q G D I H T P G C T A V G W G A L K E H G I D A D Q L R E V E V P I L K S C K H K E D L A G S G W G T Q S F D S G S L A D T L Q Y V E V S L V S A A S C A S P V Y G Y G W Q T G W G K T K Y N G V C R A G C A A A V T G G F W S E S A K A E T S T P L V R N V V S G W G H M S T S N P V L S S V L K S T T T V N Q E K C H N D L R H H G G V S G W G S T L N A P G D V P V I L Y C A N V T I L S W E Q C S A A Y P G S V K D A T G W G A I E E G G P V S T T L R E V S V P I M S N A D C K A S K Y P A R K I W V T G W G P S E T L Q E V E Q Y I L Y K K C N E M I R S Y M P S T T E L V L A T G F G L L Q S K L K L Y P T K L N Q V R L P V I S N A N C N R A Y G G F L N A G W G A I N N Y G I F P E K L Q E V N T I I D R D S C N S S W S G K I A S T T G W G T T E A G Y S S D Y L M T V D V P M I S E E V C I N D S E L G E L I K P L A S G W G V T S A L S T Q P T I L Q E A I I P I L R Q A S C S A Y G N L M D G A G W G Q T R T N D K P S P T L Q E V E L T V M G K R M C L S R P Y L H Y V P S T V I G W G K K N D T D S S E Y E L A V N E V Q V P V L N R E V C N L W I T Y K
UniRef90_H0XG48 UniRef90_H2Y806 UniRef90_H3AJ32	WVT GWGPSETLQEVEQYILLYKKCNEMIRSYMPSTTELVL ATGFGLLQSKLKLYPTKLNQVRLPVISNANCNRAYGGFLN
UniRef90_Q29H51 UniRef90_V4BAP6	T G W G T T E A G Y S S D Y L M T V D V P M I S E E V C I N D S E L G E L I K P L A S G W G V T S A L S T Q P T I L Q E A L I P I L R Q A S C S A Y G N L M D G
UniRef90_UPI000388D581 UniRef90_UPI00021A7464 UniRef90_G9F9I5	TVIGWGKKNDTDSSEYELAVNEVQVPVLNREVCNLWITYK TTGWGKDAFGDYGKYQNIHSHNVCQQQLRKTRLGYNYELN
UniRef90_G1PFG9 UniRef90_B3MF99 UniRef90_Q6GNA2	W G F L R E N D R K M S P V L Q E A R V D I L D L N L C N S T R W Y R G R I R S T G W G S K C Y F W C M S L P K T L Q E V L V S L V D W C A S E E Y K Y G E L L R F S T V S G W G R E V L Q R V Q L P R V K T Q D C L K Q T Q M N I S Q N M F C
UniRef90_UPI00027F8CC3 UniRef90_E0W095 UniRef90_UPI0002C66822	R F S L V S G W G Q L S V P R L M T Q D C L E Q S E K T G G S P N V T E Y M F C V T G W G R L S E G G T L P S V L Q Q V S V P I V S N D K C K S M F H E F I P K S V A G W G K R A S G K M P N R L R E V D L E V Q D G Q K C E N L F K N Y N N S
UniRef90_UPI0003D0F707 UniRef90_C1C2T3 UniRef90_UPI000398F7E2	A G W G L T S I N G T K V S S C L R E A E L I I Q E D Q E C E K L F Y N Y F K T S G W G N I A D Q R L S S S T I L S K N V P I V S F E V C K M S Y G V S V A G W G I L D D D Q A T N K L F F T Q V S V Y S R R K C I L F Y P H L N T
UniRef90_UPI00046B5EF0 UniRef90_B4KPJ8 UniRef90_A7SWQ5	A G W G Q T R T N D K P S P T L Q E V E L T V M G K R M C L S R P Y L H Y V P S T V I G W G K K N D T D S S E Y E L A V N E V Q V P V L N R E V C N L W L T Y K T T G W G K D A F G D Y G K Y Q N I H S H N V C Q Q L R K T R L G Y N Y E L N W G F L R E N D R K M S P V L Q E A R V D I L D L N L C N S T R W Y R G R I R S T G W G S K C Y F W C M S L P K T L Q E V I V S I V D W C A S E E Y K Y G E I I R F S T V S G W G R E V L Q R V Q L P R V K T Q D C I K Q T Q M N I S Q N M F C R F S L V S G W G Q I S V P R L M T Q D C L E Q S E K T G G S P N V T E Y M F C V T G W G R L S E G G T L P S V L Q Q V S V P I V S N D K C K S M F H E F I P K S V A G W G K R A S G K M P N R L R E V D L E V Q D G Q K C E N L F K N Y N N S A G W G L T S I N G T K V S S C L R E A E L I I Q E D Q E C E K I F Y N Y F K T S G W G N I A D Q R L S S S T I L S K N V P I V S F E V C K M S Y G V S V A G W G L I D D D Q A T N K L F E T Q V S V Y S R R K C I L F Y P H L N T V T G W G S T Q G R A Q A S V L Q E V A V P L L D S N K C E L M Y H L G E P Q D F V S G W G S T K V E Q M A P S S L L H Y T V I V Q L N R D S C A R N Y F G A A W V T G W G R T S E G G S S P T V L M Q V E V P I V S A S T C S R A Y G R L H E M I S G F G R F R E N R P T S P I Q R L T I P Y V D R R T C I E S T S L R I S T M G W G A T T S P N V T L P G V P H C A N I N I L D H E C Q A A Y P S L T A T S
	MUSGFGRFRENRPTSPIQRLTIPYVDRRTCIESTSLRLST MGWGATTSPNVTLPGVPHCANINILDHECQAAYPSLTATS
UniRef90_H0VUR5 UniRef90_Q04756 UniRef90_UPI00034F94D9	MGWGATTSPNVTLPGVPHCANINILDHECQAAYPSLTATS LGWGSIEPGHPVFPDELQCVDLEILPSKNCKDAHVAKVTD QIAGWGHLDGYSSSLREALVPLVADHKCSSPEVYGADISP TGWGNIQTNGPSPDKLQQGLLLVVDFPTCSQRDWWFNSVK IGWGETELTVGSPSHIPFCASINTMDNHFCQDAYSATITD KLRETARWSSPFQGRAVLSPPCTAFCVCNQKQVYSGAVTP
UniRef90_E2E4H0 UniRef90_H3BGQ9 UniRef90_K7FPI6	. UIV A G WGH I K N G U K K F S NH I K A V NH I I I I I K K I <mark>U</mark> N I U N G Y N G
UniRef90_UPI0003C47408 UniRef90_A3KPL0 UniRef90_B4KTX4	S V A G W G R T G A N T R T D V L Q E A E Q E V V S D N V C K D R Y W H Y D P S S V A G W G I L W R K G P E S D R L R E A E T V I V N N A E C E R R W E S L Y K S G W G T L A S G G S P S D Q L R A V D V P I V S N E V C D E D Y G G G R L T A

	170 180	190 200
UniRef90_F1QLS3		
UniRef90_W5K9Q4	R M F C A G Y L E G K V D A C Q G D S G G P L \ T N M V C A G G D G V I T S C N G D S G G P L \ T N I C T Q N T L K A T G F C K A D S G G P L \ E D M I C A G D I H K K D S C K G D S G G P L \ T K N M M C S G Y P G V G G R D S C Q G D P D L R D D M L C A G S E G R D S C Q G D S G G P L \ M G S I C G Y S A Q G K D A C Q G D S G G P L \ I Y N N M F C A G F D K D S C Q G D C H P I I I S G O I C T Y N K K G V G I C M G D S G G P I \ N M I C A G S S S G D V D S C Q G D C H P I I I S G O I C T Y N K K G V G I C M G D S G G P I \	YYYWMLWGVVSWGVG <mark>C</mark> A
UniRef90_UPI00046B27BA UniRef90_UPI00046D0CA5	T NI CT ON TILK A T G F CK A D S G G PILS	N <mark>C</mark> QWAVHGIVSLISG <mark>U</mark> N SVNGKIIGVVSFSTNNG
UniRef90_UPI0003EC504E	EDMICAGDIHKKDSCKGDSGGPLS	CHWTLIGLVSWGLGCG
UniRef90_B4KVM1	TKNMMCSGYPGVGGRDSCQGDPDE	OKRFEQIGIVS WGNG <mark>C</mark> A
UniRef90_F7GMS6 UniRef90_G1TRA2	MGSI CGYSAOGKDACOGDSGGPL V	CTWIOVGVVSWGIGCG
UniRef90_P16292	TYNNMFCAGFDKDSCEGDSGGPHV	TTSFLTGI I SWGEECA
UniRef90_H9H1S9	N MI CAGSSSGDVDSCQGDCHHPIA	\
UniRef90_UPI00021A88C5 UniRef90_UPI0003C870B4	SML CAGGGQDQKDSCHGDSGGPLV	/ Y N G Q L
UniRef90_D3TKM8	GQLCTYNKKGVGIC MGDSGGPLVSMLCAGGGQDQKDSCHGDSGGPLVQLSMICAQDAGKDACIGDSGGPLVTDNMMCFPEGMKDSCQGDSGGPMF	/SNGKLVGI VSWGKG <mark>C</mark> A
UniRef90_U5EYE8 UniRef90_UPI00038717CB	T D N M M C F P E G M K D S C Q G D S G G P M F	TY H E V G I V S W G E G C A (N T W F L T G I V S W G K G C A
UniRef90_E9GLZ0	MFCAGDLTGVKDSCKGGPHATKYKQPGNCCTDTTGGHSACGPLSYLNC	G G V Y N Q V G I V S F G S S G C
UniRef90_W8CBQ3	WINII ICSVTAGTTDGACNGDSGGDTS	S D C V E CIVICII VIS WC V D C A
UniRef90_Q1D4H1 UniRef90_F1QUI4	A S O MUCA H G H G G S C O G D S G G P L I V P G F	PQGYVLQGIVSFGVG <mark>C</mark> A
UniRef90_T1ELH4	T P D M I C A S D N R R D S C Q G D S G G P R I	GTFREVGVVSWGEGCA
UniRef90_I3K1K4	K MILC A GILES GAVIDT CQGDS GGPL	QCYFYLVGVTSFGEE <mark>C</mark> G
UniRef90_UPI0002C64E75 UniRef90_UPI0003C8DDF7	GMLCAGPVQGQKGFCEGDSGGPLV	CPWGQVGVVSFSRGCA
UniRef90_H2SXX4	MFCAGYKDEAKDACQGGPHTNSI	RDT WFLTGI VS WGEECA
UniRef90_F6YRK7 UniRef90_W5LJV6	I MIV CAGY A FOOVIDS COODS GOD IN	ACHWVIAGVTSFGVGCA
UniRef90_UPI00046C061D	RÜMCVGDPAEDKASFSGDSGGPLV	ÖNGTAQGI VSFGKKNR
UniRef90_UPI0002C63868	SQIICVGDPKKKKSSFKGDSGGPLV	CNKVVQGIFSYGQNNG
UniRef90_G3WMI7 UniRef90_UPI00034FF26A	MWCGGNFFLGGQGTCQGDSGGSAN	QDGMAVGII VISFGRGCG
UniRef90_T0MHB1	TNMCAGGDGVISSCNGDSGGPLN	ICQWEVHGVVSFGSG <mark>C</mark> N
UniRef90_UPI0004549322 UniRef90 N6U500	A G Y P D G Q K D V C N G D S G G P L S C P V C	DGKWEILII GIVVIS WGIVID CG
UniRef90_C3YMR4	A G Y K E G G K D A C Q G D S G G P L V P G F A S Q M I C A H G H G G S C Q G D S G G P L V P G F A S Q M I C A H G H G G S C Q G D S G G P R I K M I C A G L E S G A V D T C Q G D S G G P R I K M I C A G G G H D Q K D S C K G D S G G P L V S M F C A G P V Q G Q K D S C K G D S G G P L V S M F C A G P V Q G Q K D S C K G D S G G P L V S C K G D S G G P L V S C K G D S G G P L V S C C C G D S G G P L V S C C C C C C C C C C C C C C C C C C	ĞÜŸĤVŸĞVŚŚŚŤ <u>VT</u> N <mark>ĂC</mark>
UniRef90_UPI0002C441C4 UniRef90_S7Q953	TFLCTGFPDGGRDACQGDSGGSLMSMVCAGYLKGGVDSCQGDSGGPLVHELCAGNIDGGTDSCQGDSGGPLVMFCAGYSDGSKDSCKGDSGGPLI	ACRWTLAGVTSWGLG <mark>C</mark> G
UniRef90_57Q953 UniRef90_UPI000388D458	HELCAGNIDGGTDSCQGDSGGPLI	CI F F V H G V T S W G L G C A
UniRef90_P08709	YMFCAGYSDGSKDSCKGDSGGPHA	THWYLTGIVSWGQG <mark>C</mark> A
UniRef90_E1ZVA7 UniRef90_UPI00034FD29B	MI CAGYPEKGMKDTCOGDSGGPKI	N R Y EL VIGIL VIS WGILIGOG
UniRef90_UPI00042B9FF2	T MV C A S V R E E G K D S C Q G D S G G P L V	CDGSLQGI ISWGDPCA
UniRef90_K1PPY8 UniRef90_UPI0002C66327	T MI CAGYEQGGKDSCQGDSGGPLV	(C) WHILIT GIVITS WGFGCA
UniRef90_G3NWR8	HMI CTKFDKKKGGI CQGDSGGPLI	CNKVLQGLTAFTVDCN
UniRef90_J9JXJ5	NGFLCAGGEEGKDACKGDGGGPLV	(CEWYLZGIZSWGVGCG
UniRef90_UPI0003AB9A5A UniRef90_UPI00022B7B71	FDDMICAGSFGRDSCOGDSGGPLV	CKWTIVGVVSWGYGCG
UniRef90_P09872	Y M F C A G Y S D G S K D S C K G D S G G P H A P G F V C A G G E E G K D A C K G D G G G P M M M C A G Y P E K G M K D T C Q G D S G G P L N T M I C A G Y E Q G G K D S C Q G D S G G P L N D M L C A G E L M N V K T V C E G D S G G P L N T M I C A G S E G K D S C Q G D S G G P L N T M I C A G S E G K D S C Q G D S G G P L N T M I C A G S E G K D S C Q G D S G G P L N T M I C A G S E G K D S C Q G D S G G P L N T M I C A G S E G K D S C Q G D S G G P L N T L C A G I L E G G K D T C K G D S G G P L N T L C A G I L E G G K D T C K G D S G G P L N T L C A G I L E G G K D T C K G D S G G P L N T L C A G G L E G K D T S C Q G D S G G P L N T L C A G G L E G K D T S C Q G D S G G P L N T L C A G G D G Y I S S C S G D S G G P L N T D R M V C A G A D G A T S C M G D S G G P L N T D R M V C A G G D G I A A G C N G D S G G P L N T M V C A G G D G G G C N G D S G G P L N T M V C A G G D G G G C N G D S G G P L N T M V C A G G D G G G C N G D S G G P L N T M V C A G G D G G G C N G D S G G P L N T M V C A G G D G G G C N G D S G G P L N T M C A G G L Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C Q G D S G G P L N T M L C A G Y P E G G L D T C C Q G D S G G P L N T M T M T M T M T M T M T M T M T M T	CNGQFQGILSGGNPCA
UniRef90_Q4FZN4 UniRef90_C3Y7Q7	D MI CAGYLNGGKDSCQGDSGGPLV	COWNILL GVVS WGS SOC
UniRef90_H0VVU0	NQMICAGGDGVISSCSGDSGGPLN	I <mark>C</mark> QWEVHGVVSFGSG <mark>C</mark> N
UniRef90_D3TL83 UniRef90 H3D344	RETMVCGYAKDKDSCQGDSGGPFN	//A E G K L Y G V V S W G Q G C A
UniRef90_H3D344 UniRef90_UPI000333D97F	D MI CAGGLQSGKDSCKGDSGGPLS	CHWIQLGIVSWGLKCG
UniRef90_H0YWR0	HNL CAGYPEGGEDTCQGDSGGPLNAELCAGKAEGGKDTCQGDSGGPLNQPTMICYGKGKDACQGDSGGPLNCQKL	ACFFWVVGVTSWGRG <mark>C</mark> A
UniRef90_E0VKT7 UniRef90_T1PC95	I Q P T MI C Y G K G K D A C Q G D S G G P I \	/SGGIIVGVVSWGCGCA
UniRef90_L9KPE0	PPSKLGTRVASLGDSGGPLVCQKI	GAWTLVGIVSWGSGTC
UniRef90_Q4V5J3 UniRef90_UPI0003D0F76E	TEAMFCAAARNTDACQGDSGGPIIS	SAQGTILI GIVS WGV PCI
UniRef90_K7J298	T D N M L C Y K E G Q K D S C Q G D S G G P L F	MHRI VGI VSWGEGCA
UniRef90_H0XG48 UniRef90 H2Y806	E G MI C G Y N Q K G K D A C Q G D S G G P M V	
UniRef90_H3AJ32	NICANAGNGSEKGFCNGDSGGPLV	CDNTAVGIVSFGHYCG
UniRef90_Q29H51	G M V C A G Y A E G E R D A C S G D S G G P L \	LCRSQLAGIVISWGMG <mark>C</mark> A
UniRef90_V4BAP6 UniRef90_UPI000388D581	RMLCVGKPQERKSPFLGDSGGPLV	CDGNAQGIVISHGSGDG
UniRef90_UPI00021A7464	EMICAGYPDGGKDACQGDSGGPLL	CQWFVGGIVSWGIMCA
UniRef90_G9F9I5 UniRef90_G1PFG9	T NV C A G Y P E G N D D T C Q G D S G G P I N	ACRYVVGIITSWGVGCA
UniRef90_B3MF99	YPSMVCGYEKKKDACQGDSGGPLV	JA E NV L VIĞİ VİŞ WĞYA <mark>C</mark> A
UniRef90_Q6GNA2 UniRef90_UPI00027F8CC3	P P S K L G T R V A S L G D S G G P L V C Q K T T E A M F C A A A R N T D A C Q G D S G G P L Y T M V C A A M K N G G T E S C E G D S G G P L Y T M V C A A M K N G G T E S C E G D S G G P L Y T D N M L C Y K E G Q K D S C Q G D S G G P L Y M N K R L C A G S K R G D T C Q G D S G G P L N N L C A G Y A E G E R D A C S G D S G G P L N N K L C A G Y A E G E R D A C S G D S G G P L N K L C A G Y L Q G G L D S C E G D S G G P L N K L C A G Y P D G G K D A C Q G D S G G P L N K L C A G Y P D G G K D A C C C G D S G G P L N C Q G F L C A G G E E G K D A C C C G D S G G P L N Y P S M V C A G Y P E G N L D T C Q G D S G G P L N Y P S M V C G S K D S C C C G G S G C P L N A G Y R D G S K D S C C C G D S G G P L N A G Y R D G S K D S C C C G D S G G P L C C C C C C C C C C C C C C C C C C	KNIHFLII GII VIS WGLIG CA
UniRef90_E0W095	FLCAGYENGGQDSCQGDSGGPLC	QVRYFLAĞI İSWGÖĞA
UniRef90_UPI0002C66822 UniRef90_UPI0003D0F707	I QL CVGNPKDKKATGSGDSGGPFV	CSNVVQGIVSIAKANG
UniRef90_C1C2T3	LLDENMLCAGAKDACQGDSGGPLT	QDDTLIGIVISWGNGCA
UniRef90_UPI000398F7E2	SMVCAGSFHELGDASQGDSGGPLV	CNKVAHGIVSFRYN
UniRef90_UPI00046B5EF0 UniRef90_B4KPJ8	UMILIO A G SIVIE G K K U S U G U S G G P L \ T T S T M F C D S C V G D S G G P L T H V F	OGREKLLGII VISWGEG <mark>C</mark> A
UniRef90_A7SWQ5	SMVCAGRASGGUDSCQGDSGGPMV	CEYNLEGVVSWGKG <mark>C</mark> A
UniRef90_H3CM82 UniRef90_B0VXU1	KMFCAGILEGGKSSCDGDSGGPHF	RUIYFWTGIIVISWGEG <mark>C</mark> A
UniRef90_H0VUR5	T ML CAGHLVGGKDTCMGDSGGPLV	Ϥ <mark>ϭ</mark> ;϶ͼϗͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼͺͼ
UniRef90_Q04756	N ML CAGY F D CKSDACQGDSGGPLA	CEKYLYGIISWGDG <mark>C</mark> G
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UniRef90_H3BGQ9	RMMCAGFLSGSVDSCQGDSGGPLV	CTWYLAGVTSWGSG <mark>C</mark> A
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UniRef90_U3KHN8 UniRef90_UPl000328BF58 UniRef90_F7IDB0 UniRef90_F7BSN7 UniRef90_Q8CAN9 UniRef90_UPl00034FFD2B UniRef90_UPl00034FFD2B UniRef90_UPl000258E214 UniRef90_B3MHJ0 UniRef90_UPl00038F0870 UniRef90_H2Y7R8 UniRef90	R LR G S E A R P H L K P Y M A S L Q D G Q H V C G G F L I A E Q W V L S A R I A G G R E A C P H C W P W Q V G L R F G D H Q C G G V I N P T W I L T A R T V G G H S A P P G K W P W Q V S L R T W E H S C G G S L I H P Q W V L T A L I G G K E V L D K S M M Y M A S V Q N D R H L C G G F L I R K D F V L T A H N C G G T L I A D R W I L T A L C G A S L V S S D W L V S A R I V G G T K S A R G S W P W Q A S L R L K G F H C G A S L V S S D W L V S A R I V G G T K S A R G S W P W Q A S L R L K G F H C G G S L I T N Q W V L F A R I V G G W E T H I S Y F P H Q V S L Q L G R H A C G G T L L S P T L I L T A R I V G G W E T H I S Y F P H Q V S L Q L G R H A C G G T L L S P T L I L T A K I L G G R E A T P H S W P W Q I S L Q F S K H L C G G S L I K E M V V L T A R I V G G M A C P K G E C P W Q A L L L K N E L L C G G T L L T D T W V V S A R I V G G D D A G F G S F P W Q A Y L L N E E H F C G G T L V N R F H V V T A R I V N G E D C P P G C P W Q A Y L L N E E H F C G G T L L N P Y L I T A R I V N G E D C P P G C P W Q A Y L L N E E H F C G G T L L N P Y L I T A R I V N G E D C P P G C P W Q A Y L L N E E H F C G G T L L N P Y L I T A R I V N G E D C P P G C P W Q A Y L L N E E H F C G G T L L N P Y L I L T A R I V N G E D C P P G C P W Q A Y L L N E E H F C G G T L L N P Y L I L T A R I V N G E D C P P G C P W Q A Y L L N E E H F C G G S I V N E K W V V T A R I V N G E D C P A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C P A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C P A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C P A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C A E R G Q F P W Q V L L H G E A A F C G G S I V N E K W V V T A R I V M G E D C A E R G Q F P W Q
UniRef90_F7D6Z7 UniRef90_UPI0003C39BB1 UniRef90_UPI0003DEB136 UniRef90_Q804W9 UniRef90_UPI0003C032C3 UniRef90_UPI0003871D10 UniRef90_B3NCC1 UniRef90_UPI0004438CBF UniRef90_UPI0002C64E8C UniRef90_UPI0002C64E8C UniRef90_UPI000333A0BF	I I G G Y E I A P H S R P F M A L I K Y G K P I C G G A L I K E N W V L T A R I T N G K K A A A N Q F P Y Q V G L S F G S W W C G G S I I A N K W V L T A R V V G G E D V I P N S W P W Q V S L Q Y W R H T C G G S L V A E N W V L T A R I V G G M P A Q E G K W P W Q V S L Q R D Q H R C G G S L I A R Q W V L T A R I V G G Y Q S Q P G D W P F I A A I I G G P F Y C A G V L I A D Q W V L T A
UniRef90_Q2M122 UniRef90_UPl00021A8644 UniRef90_F7AEE9 UniRef90_D3TKS0 UniRef90_L8YD80 UniRef90_L5LVB6 UniRef90_F1M2C8 UniRef90_Q63637 UniRef90_F4WBT5 UniRef90_UPl00038373D1 UniRef90_B4PJA8 UniRef90_B4PJA8 UniRef90_AOSOQ0	HEAQAGAWPWQVSLRHSVHVCGGGTLLSTQWVLTA DRIVGGVEIPIQMTPWLASLSQGNHSCGSALITPRWLVTA KLLGGRPADSTKWPWMVALTNNAYYCGGVLVTDRHVLTA RILGGKSTNKGDSPWQVILLDGKLKCGGVLIHSSWVLTA RIVQGRNASLAQFPYIVSLRRNTHICGGGSILSANYTTA RITGGMEAEVGEFPWQVSIQRNEHFCGGTILNKWWILTA GRAAQPHSRPYMASLQMNAHFCGGTILNKWWILTA KVFGGQDTLAGQWPWQASLYRGLHLCGAVLIDSHWLVST EEIIGGHEVKPHSRPYMAHVKFNRSVCGGFLVQDYFVLTA RIVGGRNASTGQYPYQVSLQNGSHFCGGSLINQRWVITA RIVGGGQLQRQGGSPWQVLLRDGFCGGSLINQRWVITA RIVGGQLQRQGGSPWQVLLRDGFCGGSIIGNSWVLTA
UniRef90_Q8INA0 UniRef90_UPI00046BB60F UniRef90_Q8ITJ5 UniRef90_M7ALB7 UniRef90_UPI000383BCE2 UniRef90_G1SPK1 UniRef90_Q9UKR0 UniRef90_K7FHQ3 UniRef90_A0A022T3M1	R I V Y G D D A Q I S D F K W Q A S L R S G S H I C G A A I V S D K H A I T A R I V G G E E S D V L A A P Y L V S L Q N G N H F C A G S I I H D Q W V I T A V I G G R E V A P H S R P F M A S L Q Y G E H V C G G A L I H P Q W V L T A R I V L G R N A S P G Q F P F M V S I R Y G S H I C G G S I I S A N Y I V T A R S V G G E D S M E G E W P W Q A S L W Y N K H L C G G S L I S N Q W V V T A I V S G L E A N V G Q W P W Q V S I R Q G S H V C A A S L I S K Q W V L T V I N G E D C H P Y S Q P W Q A A L F D N E F F C S G V L V H P Q W V L S A K I F N G T E C G R N S Q P W Q V G L F E G S L R C G G V L I D H R W V L T A R I V G G K D A P F G R W P W Q V S V R S S T H R C G G A V L N E N W I A T A

UniRef90_F6TIE2 UniRef90_UP1000333264A	A H	I C	MNRKSEVILG	60 70 80 A H S K T K K E P E K Q L M F K K E F L S P C Y D P
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UniRef90_I3KLH9 UniRef90_W5K3R0 UniRef90_G3WMY6		H C H C	Y G F V N S S M W A D L	V Y T E Q P L H G A Q A L A V E K I V Y H N R Y R R H N L K K K E L F Q Q R I P V Q K C I K H P S Y K Q V H D L S R P E A S W Q T L G F Q R L Y I N N Y D D
UniRef90_U3KBT4 UniRef90_A7S5M4	A H	1 0	K E F S R A S T Y K S S K R P R L G A H	HNLKKKELFQQRIPVQKOIKHPSYKQ VHDLSRPEASWQTLGFQRLYINNYDD VYLGLHREAAREPSVQIRDV ERFFK SRLGSLTTDMQDIKVSAIITHSNYNS NTVNMSQAYTKRIKVKAISIHPDFIM IYGGIANQSEINEDTPFFGVQEIIH YDSFEVESYIPHPDYNS HTRAEVDELTQQRQVDFGRVHEKYSG ERRYSFSPMVQLRKAMFVIVHPNYDI LRKQYLYYHDHLMTVSQIITHPDFYL RMGDHYANIVDSFIENWYVHEKFRDA
UniRef90_I3NH98 UniRef90_H0VMN8 UniRef90_F1QIC5	A F A F	1 0	DGVESPKILR /ANE <u>N</u> EI	NIVNMSQATI KURVAALSI PPEI M LYGGLANQSELNEDTPFFGVQELLIH YDSFEVESYLPHPDYNS
UniRef90_B4P2D0 UniRef90_A0A026W3L5 UniRef90_Q02844	A H	1 0	SNPVGMSIIA ITEYEKHYYEV	HTRAEVDELTQQRQVDFGRVHEKYSG ERRYSFSPMVQLRKAMFVIVHPNYDI
UniRef90_UPI000329CD93 UniRef90_V5GWZ3	A F	i C	A G Y P K G A Y L V A T R D L E G F T V	RMGDHYANI VDSFI EN WYVHEKFRDA LPGSTI VTYGTFMLIERI I VHSGYTG ADDLLNTRSLFSVAVKFYHLHPSYDS
UniRef90_W5K0M6 UniRef90_G5BRA0 UniRef90_B7PPZ7	A -	1 .		13 0 N F 13 1) K K K W K I I K A K A F K T F K T A
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UniRef90_A3KPY7 UniRef90_H2VCD9 UniRef90_A6MFK7	A F A F	1 C 1 C	QIHISRAWVV NKTKSIVVVG	Y T H E G P E Q Y S V S E V F H P N W N P N N Y L G R Q S Q N Y E V K R S V S E I I H P Q Y N D Q V D S R K E T R R L L S V D K V Y T H P K Y V H
UniRef90_UPI00032B02F5 UniRef90_UPI0003D0BE9D UniRef90_K7IUZ9	A H	100	KPVFRVRGHH PNEHSLEEYE	SMSPVYESGQQMLRGVKSIPHPGYSH YQLSXPSSEVQARAVAEVLKNPAYEE
UniRef90_A0A023EP69 UniRef90_E1BEQ4	A F	i C	I P P Q I V R L G E G R F S F L C S Q I	QVDI S K K E I K K L L S V D K V Y I H P K Y V H S M S P V Y E S G Q M L R G V K S I P H P G Y S H Y Q L S X P S S E V Q A R A V A E V L K N P A Y E E H Q L G T E E D T E Q K R L V E E T F V Y P E Y K G N D L T N D N D N Q E D Y E I E D Y T L H P K Y K F H N I R T L E S T Q Q R I P V L R S I P H P G Y S Q G T L V D D P L D V G Q L A P V Q Q I I A H E D Y D G D R S V Y G E S S G L V V P I S R V V V H P Q F S V H D L R R R E P T R Q M F T I Q R V F E N G F D P I Q L G I T R R R S H A Y Y G Q K V K V R R V V P H R V O Y E N D O I M K V A K I R H P K F S E K I S
UniRef90_D4H1H7 UniRef90_UPl0004403A07 UniRef90_M3XDQ5	A H	1 C	EDYTPDAVLH LS <mark>C</mark> YRYSVMM DGLNERSVVA	G T L V D D P L D V G Q L A P V Q Q I A H E D Y D G D R S V Y G E S S G L V V P S R V V V H P Q F S V H D B R R E P T R O M E T O R V E E N G E D P
UniRef90_UPI00034F46BD UniRef90_D4ACZ0	S F	C	GNHSDVNGWT ELKEMEASCE	I QLGTTRRRSHAYYGQKVKVRRVVPH RVQYENDQLMKVAKLIRHPKFSEKLS
UniRef90_Q17EX5 UniRef90_F7BHB7 UniRef90_B4N9K8	A F A F G F	1 C	I E I D C D E E D E L G V A A D E K G S S I S G Y P A D R L Q V	Y RI <mark>C</mark> ADPPQNII GFEEI II HPGYSKID LDLSR <mark>C</mark> TETPAPAL MPTSPVRAPRPA VITGTLQYAII PGAII YYPEII YLH <mark>C</mark> NYDT
UniRef90_B4M5P8 UniRef90_Q7Z0G4	A H	1 0	Y S P N G A V N V D H G K D E V V A G A	RVQYENDQLMKVAKLIRHPKFSEKLS YRI CADPPQNIGFEEL LIHPGYSKTD LDLSRCTETPAPALMPTSPVRAPRPA VTGTLQYALPGALYYPELYLHCNYDT FASDKDDAQPEDFGVQKLIEHPDYNY HSLKSPDQYEQRK
UniRef90_UPI0003F10549 UniRef90_UPI000443B902 UniRef90_Q6DKQ2	A	Č	VEXVCAPPVQ	SLSVVLGVHSQDRPLEGAHVPDNYSR
UniRef90_UPI00038BFD90 UniRef90_UPI000265477E UniRef90_P36374	A F A F	1 C	DSQMTFRVAV DP <mark>C</mark> YL <mark>C</mark> TPHV SVNYQVWUGR	GDHNLSQNDGTEQLVSVQKVVVHPNW FEFRTQVRRASRIFTHPEYDLLDDEE NNLLEDEPFAQHRLVSQSFPHPGFNG GDLYFSKETMTTVKVSVKNILVHPGY LTEPEPHKRLYRVRAQFPHPGSNIHN HGVVTHEQGTRARRVKHIVVHGDFSI
UniRef90_UPI000333E5E8 UniRef90_U3KHN8	A F	i C	VSRYTYTVKM EETDGKLFHS	GDI YFSKETMTT VKVSVKNI I VHPGY LTEPEPHKRLYRVRAQFPHPGSNI HN
UniRef90_UPI000328BF58 UniRef90_F7IDB0 UniRef90_H2VA76	A -	7 L .	A	
UniRef90_F7BSN7 UniRef90_Q8CAN9 UniRef90_UPI00034FFD2B	A H	1 C	N F S R T N R A V V Y R R N L D P T R W	G D Y D L A N I F L I P S E D M F V H Q S WN N N C M Q S N L T S P Q V V R R V V D Q I V I N P H Y D R Y H T G V E D E F E R E L P L Q K I V I H K N Y R S H S M H A F G G N E K F S D A V K I M H P K Y N K
UniRef90_H0W3H9 UniRef90_UPI000258E214	A F	i W	E P I S R I P L G E L K V G K L R V I A	HSMH AFGGNEKFSDAVKI MHPKYNK GKYYKDESSEQVINVAKTVVHSQYPG
UniRef90_B3MHJ0 UniRef90_UPI00038F0870 UniRef90 H2Y7R8	A F A F	1 C	<u> </u>	GKYYKDESSEQVINVAKTVVHSQYPGIRAGTSEWASGGSYLRVRRIIPHPKFLGAHSLSKNEPSKQRLAIKKL VPFS
UniRef90_G3VFG2 UniRef90_F7D6Z7	A F	I C	K M S R E P Q F WV D K L S H G F Q N E	LSVNNAGRVVVGVSWAGSHALHGGENNDILQNRKKNKKIKIDDIIIHPEYKHHKIDKDEGTEQKRNVADIIIHKQYVRAVGSNMHTEPLAIYHDRIHLHCNYDHSASETLPAYTFGVREIRVHPYFKFTPSDMLENEGTEAMYEVETILAHYNYKP
UniRef90_UPI0003C39BB1 UniRef90_UPI0003DEB136 UniRef90_Q804W9	G F A F	CCC	QVTLGDYVVN INRYFYIRLGE	SASET PAYT F GVR E RV PYFK F T P SDMLENEGTEAMY EVET I LAHYNYK P
UniRef90_UPI0003C032C3 UniRef90_UPI0003871D10 UniRef90_B3NCC1	A	Č	VKGGKVLLGA	H S K A K E K E R Q F E A K Q P Y P C Y S S
UniRef90_UPI0004438CBF UniRef90_UPI0002C64E8C	A H	CCC	SSSRTYRVVL LGISVRAMSS	GSTVRTSAKLKKKVSSSKFVQHASYNGRHSLSTDESGSLAIVHEDWNPNQLSSHSHEEYMKTLVVPVRDIVSHQRFETWKIQLGITRRHSHNYYGQKVKVKRVIVHLGELRITLSSSFSTVSRIVLYPGPGSSSVREGGQQRAVVRILVHPGFNPDFATSEETRAVDFALSELRIHRDFALHDLRRYDNSEMDFHLREALVHPNYTKMDPRLLSIRAGSIRPRTGGVVVQVAEAHNIRNAFPSQQKFSITRQFSNNYPP
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UniRef90_UPI00021A8644 UniRef90_F7AEE9 UniRef90_D3TKS0	A F A F	100	Y K F G P Q E I K Y E N P K K V R L G E T T E I D D F T F D	D F A T S E E T R A IV D F A II S E II R I H R D F A L H D L R R Y D N S E M D F H I R E A I V H P N Y T K M D P R L L S I R A G S I R P R T G G V V V O V A F
UniRef90_L8YD80 UniRef90_L5LVB6	A F	i C	Y S P R D L S I V M	GTNDLTSSSMETKDVTSTJFHKTFKR AHNLRNAEPSQQKFSTTRQFSNNYDP
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UniRef90_UPl00038373D1 UniRef90_B4PJA8 UniRef90_A0S0Q0	A H	C	QTPHHITIGD DGASYVTVYY DGTSASSISI	D V G S
UniRef90_Q8INA0 UniRef90_UPI00046BB60F				R V G S S Y H K N G G T I V V Q T I R V H E R Y N G T T T Y N H W G S E G W I Y S V E D I V M H C N F D H S L S K D E A S K Q T F G V A K L I P F S R F T A
UniRef90_Q8ITJ5 UniRef90_M7ALB7 UniRef90_UPI000383BCE2	A H A S	C C C C	_	
UniRef90_G1SPK1 UniRef90_Q9UKR0	A F	CCC	Q E A Y T V G L G L G S R Y W V R L G E	T T P S F L S L H A G S I H I E R D G V T V Q V S E N K L A N S Q P H K L S L G L R R I I R H P I Y S G L Q V S G Y Q G S K T T I I P V S R I I P Y P D V Q H S L E A Q R E P G S W M M E A T L S L H P Q Y N S H S L S Q L D W T E Q I R H S G F S V T H P G Y A S H N V R Q P E D T R Q E I T V Q L Q T P H E N Y N K E S S V Q E B I P Y V E P G I A K K V V H P K Y N E
UniRef90_K7FHQ3 UniRef90_A0A022T3M1	A H	I C	Q	HNVRQPEDTRQEITVQLQTPHENYNK FSSVQERLPYVERGIAKKVVHPKYNF

UniRef90_F6TIE2 UniRef90_UPI000333264A	90 100 110 120 E T H E S D L K L L Q L N K K A T I N K N V A L R L P K K G D D V K P G T V C D T T E H D L L L Q L S E K A A L G P A V R P V P W Q R E D R D V A P G T L C
UniRef90_B4JY92 UniRef90_UPI00032B1D96 UniRef90_I3KLH9	EIHESDLKLLQLNKKAIINKNVAILRLPKKGDDVKPGTVC DTTEHDLLLQLSEKAALGPAVRPVPWQREDRDVAPGTLC PYMHNDIALLKLTQNITFNELTQPIPLPVAPLSEGAEILL FNPSDHDLVLKGERCAVRSQFVQPICLPEPGSTFPAGHKC KGLGYDIALMKLAKPLEVDGSVQPICLPSHGEEFKEGTLC KEVHHDIMLLKLKNKAKINKFTKVKALPKTNDKLPANQMC NLKLNDIALIQLDRAATLNANVQIAQLPSQDQSLQAGTQC GPRGADIALIKLKRKAAKINNHVIPVCLPETEASPSDGTTC ETYENDIALLKLATPAQTNSKVGFVCLPETEASPSDGTTC
UniRef90_W5K3R0 UniRef90_G3WMY6 UniRef90_U3KBT4	NEKENHHOLI MELKIKNKAKI NKFIKVKALPKINDKEPANQMC NEKENDI ALI QLDRAATENANVQI AQEPSQDQSEQAGTQC GPRGADI ALI KEKRPAVINNHVI PVCEPKENSVEGGREEC
UniRef90_A7S5M4 UniRef90_I3NH98 UniRef90_H0VMN8 UniRef90_F1QIC5	ETYENDIALEKLATPAQTNSKVGFVCLPETEASPSDGTTC ETYENDIALEYLKKPVMFNDYLQPICLPETEASPSDGTTC DQYKMALLKLETTMNYTDLDSQRPICLPSKGDRNVLYNDC NTEENDLLLLKINKKVRLSNLVGLISLPKDGEDVEADTLC
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UniRef90_UPI000329CD93 UniRef90_V5GWZ3 UniRef90_W5K0M6	T H M N N D I A V V V L K T P V K F N D Y I Q P V C L P N K G A A L A E N R M C K P Y R N D I A I V H L A Q P L E F S E R V K P I Q L P K V F E A I P E F S E A E T Y T N D I M L L Q L N K A V K K S K E I N W I P I P A K D K E V K P K Q I C
UniRef90_G5BRA0 UniRef90_B7PPZ7 UniRef90_UPI0003B6AB9A UniRef90_UPI000273A1BF	RTYSNDVAVLELSKEVSFNQFVQPVCLPFKKDVTGYHGFI ETFNNDICLARLSKFVKFTKYIQPICLATSDIHDGKKAWV
UniRef90_A3KPY7 UniRef90_H2VCD9 UniRef90_A6MFK7	VAFGYDI AL LRLSIDATISSYVQVATLPSEI LPYGHTCYI TTLDNDI AL VKLHSPVTFSDHI RPI CLASNSSQFYNPASC VTNDYDI AI I QLKTPI QFSENVVPACLPNHVLMKQDFGI V
UniRef90_UPI00032B02F5 UniRef90_UPI0003D0BE9D UniRef90_K7IUZ9	PGHSNDLMLIKLNRKVRESHKIRPIRIATHCPTAGTRCTVGGSSGDLALVRLQLPVVYSRSVQPLCLPAANLSFPSNTLCSVGPYDIALMKLEEPFELNEYVSTASLPYPEESHHGNAML
UniRef90_A0A023EP69 UniRef90_E1BEQ4 UniRef90_D4H1H7 UniRef90_UPI0004403A07	RTYENDI ALEYLKKPWMFNDYI QPICL PFDVFQNIDENTK DQYKMALLKLETTMNYTDLDSQRPICL PSKGDRNVI YNDC NTFENDI LL LKLNKKVRLSNI VGL ISLPKDGEDVEADTLC GVGPYDI ALLHVNESFIFNEWVRPICL PTVNTAGPEWEQG TLFHNDVALI VLDKPL LFNRWVRPICL PTVNTAGPEWEQG VQDGADI ALLKLTNPVNI SDYVHPVPL PPASETFPSGTLC THMNNDI AVVVL KTPVKFNDYI QPVCL PNKGAALAENRMC ETYTNDI MLLQLNKAVKKSKEINWI PIPAKDKEVKPKQI C QTHENDI ML VWL NKPARMSSTVKAANL PTRCEPAGTSCSV RTYSNDVAV LELSKPVKFTKYI QPICL AATSDIHDGKKAWV GRPPKDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV GRPPKDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV GRPPKDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV VAFGYDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV VAFGYDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV VAFGYDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV VAFGYDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV VAFGYDI ALLKLSKPVKFTKYI QPICL AATSDIHDGKKAWV VAFGYDI ALLKLSKPVKFTKYI QPICL PPSMMFFENVITIN VAFGYDI ALLKLSKPVKFTKYI QPICL PNHVLMKQDFGIV PGHSNDL ALLKLSKPVTFSDHIRPICL AASNSCOFYDAASCC VTNDYDI ALLKLSKPVTFSDHIRPICL PAAANLSFPYAASCC VTNDYDI ALLKLSKPVTFSDHIRPICL PAAANLSFPYAASCC VTNDYDI ALLKLABDVTFSFFVRPACL WDTMAMNVTXXVAA QNKRNDI ML LQL NGSATINSSNVRVARL PAAGNQGVGSGVQCC QRLLNDI ALLKLLSKPVNFTFSFFVRPACL WDTMAMNVTXXVAA QNKRNDI ML LQL NGSATINSSNVRVARL PAAGNQGVGSGVQCC QRLLNDI VI LQL NGSATINSSNVRVARL PAAGNAGSRPRKKV
UniRef90_M3XDQ5 UniRef90_UPI00034F46BD UniRef90_D4ACZ0	T T V K Y D L AL L WL F Y P V N F T G V I Q P V C I P E K T F Q V E A G T R C Q R L L N D I V I L Q L N G S A T I N S N V R V A R L P A Q N Q G V G S G V Q C P Q H D N D I A L F Q L A V R V R Y H E Q L S P V C L P P A D R P L P A G T L C A P G G A D I A L L K L D S T V V L S E R V H P V S L P A A S Q R I S S K K T W
UniRef90_Q17EX5 UniRef90_F7BHB7 UniRef90_B4N9K8	A P G G A D I A L L K L D S T V V L S E R V H P V S L P A A S Q R I S S K K T W P N Q H H D I A L I R L E R D A V L N S F V T P V C L P D A S F A G S R P R K V A P R P N P D V R L H P Q L S E E A V L G P A V R P L P WQ R V D R D V A P C D P K Y H N D I A L L R V N Q S I V F D A H T Q P V N L P I P W A A S G A Q L L F T I L Y N D I A L L Q L D R A V S F N V Y K H P A C L P F H D G Q G S E N F I A D V G P H D V G L V E V S E P F E F N E Y V H S V N L P S K D T F Y P A G P A T L S F D L Y I A L V Q L S S L L A F S S A V R P M C L P H S T E P L F P S E I C V D L G D D V A L L R L A E P A L L G A T V R P V C L P R A A H R F A H G A A C R T L E N D V S V I K T A I A I T F D I N V Y Q I G V I P Q F T I A N N T P C Y I
UniRef90_B4M5P8 UniRef90_Q7Z0G4 UniRef90_UPI0003F10549 UniRef90_UPI000443B902	DVGPHDVGLVEVSEPFEFNEYVHSVNLPFHDGQGSENFILA DVGPHDVGLVEVSEPFEFNEYVHSVNLPSKDTFYPAGPAT LSFDLYIALVQLSSLAFSSAVRPMCLPHSTEPLFPSELC
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UniRef90_H2Y7R8 UniRef90_G3VFG2 UniRef90_F7D6Z7 UniRef90_UPI0003C39BB1	NIHONDVILIKLKSPATINSHMNIMALPRSCPSISAQCLM GVAQHDIALLKLEKPLKFNAQVQPIKLPAQGQKQAGQALL HEMNNDIAMIQLQQPLVYSRDIQPISLVTKEDKIQPAAQL RPRSNDIMLIKLHTAAKLNKYVQLLHPRSKNYIRDGTKQQ DYYLDDDISLLKLRVPLTFTDNIRPICLPRRGESPNVGSTC NTFENDIALIHLKDPVTYNDFVQPICLPFFNDVPKITSAK LKINHDIALVRLQKPVNFTDDYVVPLCLPFFNDVPKITSAK LKINHDIALVRLQKPVNFTDDYVVPLCLPEKAFSENHLAYI PKYHNDIALLHVNSTIQWNDRVQPISLPRVLLNTSDPLLF QADRFDVAVLRLDRPVHYMPHIAPLCLPEKNEDFLGQYGW NTYHNDLALIKLTKPIKYSRFILPACIPEGEFAMQQSDGM
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UniRef90_UPI0002C64E8C UniRef90_E0VUT5 UniRef90_UPI000333A0BF UniRef90_Q2M122	S N H D N D V A L F Q L K H P V N T S S F I Q F V C L P P P G R E L V P G M N C P G T S G D I A L V Q L S T P L R L S R W V L P V C L P Q A S A S F Q P G T R C P G T D H D L A L L Q T R F P F K L G G N V Q L V K L P L P G L S A L P K T L L
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UniRef90_L8YD80 UniRef90_L5LVB6 UniRef90_F1M2C8 UniRef90_Q63637	EGIRNDI LL LVGS PILT FSDLI LPILCLPQPIPSKWHECWI EGIRNDI LL LQLDRPANLTAQVAVAKLPEQGQLLPHGTQC HSFGSDI AMLQLRLPVNFTSYVVPACLPSKDTQLSNHTSC
UniRef90_Q63637 UniRef90_F4WBT5 UniRef90_UPI00038373D1 UniRef90_B4PJA8	KTNMMI NDI GLINIKNKI SFTNNTKLINLISYDRNFEDL YTFDSDI ALLYLSSAVITGPFASPACLPDANMKPGEQGLV SKTVSNDI SLIKTSSVITFSASVNKI SLPSYSTYFGOTAVIA
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UniRef90_G1SPK1 UniRef90_Q9UKR0 UniRef90_K7FHQ3 UniRef90_A0A022T3M1	P F L A N D L M L I K L A R P V L Q S P T I R T V R V A S R C P A A G D S C L V T S H E H D L R L R L R L P V R V T S S V Q P L P L P N D C A T A G T E C H V A N L H N D I M L L Q L K S N A E L N S W V D I V K L P N V K E K V K P Y T V C F T Y E Y D L A L V R L E T S L V F A P H I S P I C L P T D D L L I G E N A T V

U 'D (00 E0TIE)	130 140 150 160
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UniRef90_UPI00032B1D96 UniRef90_I3KLH9	
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UniRef90_UPI000329CD93 UniRef90_V5GWZ3	
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UniRef90_UPI000273A1BF UniRef90_A3KPY7	T G W G Y T E T G G S L S A Q L K Q A Y M P V V D Y E T C S Q K D W W G S S V K
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UniRef90_K7IUZ9 UniRef90_A0A023EP69 UniRef90_E1BEQ4	T G W G S E S R T R R P E A P E V D F H E C K E A L D N R L R K E G R N P L H P T G F G F T E E L K M S D I L Q K V P L D L F A K D E C V Q Q Y A G Q R K F K Q T V A G W G L I G L N M R T D T L Q C V Q L R V Q R D R V C R R R F M L Y Y G R A G W G N T N P N F S S S S L K V N I P V V A Q S E C A S T Y S N L T T P Y T D WV T G W G K Q Q E F G G M D Q C I L Y Y E E C N G M V Q K A M P T D K D V V L L A M G W G Q L G T T Q P P P N I L Q E L N V T V V T T T V I G W G K R D D K D M S E Y E P A V N E H R D L C N Q W L E H R D L N V T E
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UniRef90_UPI0003F10549 UniRef90_UPI000443B902	A V T G W G E D S G L A N R L Q Q S M L E R E M C E H T Y Y F A H S G G I T E K W A T G W G D V Q F A G L C V G K G A A L S T S G T L T F V
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UniRef90_UPI000265477E UniRef90_P36374	T G W G K T Q T N G Q V S Q T L Q Q A Y L P S M D Y A I C S S S S Y W G P M V K T G W G T L Q S G K S D F P D T M Y Q V N V P I Y D Q E Q C N K S L N G E I T D S G W G S L T P L K W E F P D D L Q C V N L H L L S N E K C I K A Y N D E V T D
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UniRef90_H0W3H9 UniRef90_UPI000258E214 UniRef90_B3MHJ0	S G W G S T S K T V R P V L P N K L Q K A N V P I I S N E E C L K E L K S Q N T F V S G W G S L G V S Q M Q P R Y T V V Q R R D Q D Q C A R N Y F G A G T V T S V T G W G A T N A D V L N N S D T L Q E V T V T V I S R K H C N S Q S Y Y N H R
UniRef90_UPI00038F0870 UniRef90_UPI7R8	VT G WG A T N A DV L N N S D T L Q E V T V T V I S R K H C N S Q S Y Y N H R V A S G WG A T D G S E O S D P L L Q E V S A N L I S D A D C A L A H D L Q N D S
UniRef90_G3VFG2 UniRef90_F7D6Z7	YASGWGATDGSEQSDPLLQISANILSDADCALAHDLQNDS RCFISGWEGILTPLLHEAELHYIPWDTCNAIGSYSGRVPN RFSSVTGWGQLKVPRLKTQDCLEQMKRTPQTPALTENMFC
UniRef90_UPI0003C39BB1 UniRef90_UPI0003DEB136	T G WG L I S L W D P H P E K L Q K L Q M F Q V T N G E C S K M E F D D L H L D A A G W G A L Q A G S R L R P K T P V I D N R I C E R W H R S N G I N V V I Y D I S G F G R L G G N R Q T S P I L K R L T I P Y V E R R T C M E S T S L R I S A L K F G Y G Y V S G W G K V F N R Q Y L K V P L V D R A T C L R S T K F S I Y S T V A G W G Q T H N H Q K K F S N T L R E V N I T V I N R Q I C N D N N H Y K N S G W G S T S D S T I A A V T N L Q Y A E L Q V I T N A V C Q Q T F G S S V V T
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UniRef90_Q2M122 UniRef90_UPI00021A8644	VIA G WG I VIH A K A N A I E I RILIR G I L V Q T II D Q R R C R R L Y G V WR R L T G WG A R Y Y G G S Y S K V L ME V E V P V W P Q S K C T S S F T R R I A N
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Unikef90		
URINERSO UP1000328196 URINERSO UP1000328196 URINERSO UP1000328196 URINERSO UP1000328196 URINERSO UP1000328196 URINERSO CASSANA URINERSO CASSAN	UniRef90 F6TIE2	220 D P R G P G I Y S L L S K H L N W I T K T M Q
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Linikariyo Lipinodogasaasaa Lipinodogasaasaa Linikariyo Linikariyo Lipinodogasaasaa Linikariyo Linikariyo Lipinodogasaasaa Lipinodogasaasaa Lipinodogasaasaa Lipinodogasaasaa Lipinodogasaasaa Lipinodogasaasaa Lipinodogasaasaasaa Lipinodogasaasaa	UniRef90_G5BRA0	K P N D P G V Y T Q L C K Y T N W V K N T M R R H
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UniRef90_UP1000258E214	UniRef90_F7IDB0 UniRef90_H2VA76	HRDYPD V YTR V MTYSSW V RQH V DRRTPD V YMR V SSFSDW ITS VL NSD
UniRef90_UP1000258E214	UniRef90_F7BSN7	TLKKPSVFTRVSAFNSWI QQTISEN
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UniRef90	UniRef90_H0W3H9	LKGKAGIIYAKVCNYLAWI QGSITAN
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UniRef90_B3MUJ2		RII MGGEENTEPNSTOPFONSIN GEHFCGGGSLLDKÖTVVITA
UniRef90_H2L3 6		R I T N G E N A R T D Q F P Y Q V G L S S S S A W C G G S L I G N E W V L T A
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UniRef90_B2WMB3		RIVIGGT FAMY GS HPWIVSLIQN GS HF GGGSI I S DRWIMTA
UniRef90_G6D2H6	_	D D II V IG G S T A A S G E F P Y II V IS IL IQ G G S H II I <mark>C</mark> G G S IL I IN G N T IV V IT A
UniRef90_UPI00033363B1		RVMGGEDGSRGEW <mark>C</mark> WQVALINNQYL <mark>C</mark> GAALVGTQWVLTA
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UniRef90_UPI0001D55304 I V G G C D V S A R R F P WQ V S L R F W E H C G G S L I H P E W V L T A	UniRef90_UPI0001D55304	U V G G C D V S A R R F P W Q V S L R F W E H L C G G S L I H P E W V L T A
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UniRef90 H2NPV2 NRMVGGQDAQEGEWPWQVSIRNGSHFCGGSLIAERWVLTA UniRef90_UPI00042AE05D HEVKPHSRPYMTFIKYNGKRCGGFLVRDNFVLTA		HEMK PHS R P V M T FILK V N G K P C G G FILV P D N E W L T A
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UniRef90_W5JS71 RII I G G WR A F P G E F P W M V S I Q R A N H V C G G S I L N Q F Y V L T A	UniRef90_W5JS71	RI I G G V R A F P G E F P W M V S I Q R A N H V C G G S I L N Q F Y V L T A
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UniRef90_F6VXB0 KILGGQATSINKWPWQVSLYRRYHICGGGSVLHEQWVLTA	UniRef90_F6VXB0	KI LOOQA I SII IN K. WI WQIVISEJI KKI I II OO OO SIV EII E Q WIV E II A
UniRef90_U5ET82		I VIGGRODRI ANILPYQIVAFKNGGQQFCGGAILISDSWVLSA
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UniRef90 F1PZN9 I T G G E P A D L N D F P W Q V S L Y N R R H L C G G S I L S Q W W I L T A		I TGGEPADLNDFPWQVSLYNRRHLCGGGSILSQWWILTA
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UniRef90_B4N9L1		KIVIGGIDAIVIDGEAFYQIVISILIQYNDHMUGGGAIIINKDWVLIAA
UniRef90 U5ENS9 V V G G V K S K I G E F P H M A A L G Y D S Y V C G G S L I S E R Y V L I T A		
UniRef90_F1Q4A4 RIVGGKVCPKGECPWQAAVKDGKLLCGGGTLIDAAWVVSA	UniRef90_F1Q4A4	RII VIĞĞK <mark>VIC</mark> PKĞE <mark>C</mark> PWQAAVKDĞKLLL <mark>C</mark> ĞĞTLIDAAWVVISA
UniRef90_V4B521	JniRef90_V4B521	ERI VNGADAYYGEFPSQAGLSSNSHLCGGVLVSRRYVLTA

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UniRef90_B7FW25 UniRef90_G3VX51	AHC	GNAFNNRVLVGAYRYWS DSNLNFRVVLGDHNLS	S L Y E G T E Q E T L P Q V P H P Q Y N S S T N F E A E W L N V A Q T V R H P N Y N S Q N D G T E Q Y F G V R K L V K H E Y W T E P T Q Q V F D L T A V V S H P N Y Q P K H D C Q Q T V G L S R L L R H K D Y D P A G Q R L R A A Q L V L N P G Y N P Q V G
UniRef90_UPI00027405A1 UniRef90_W5ND89 UniRef90_Q2JM42	A H C A A H A H C	S	T
UniRef90_UPI00038BC74E UniRef90_X5MBK8	GQC	HVVTYGLTTVVAGRV	Y M D E S V Y G Q S T L WE I S H P E Y K
UniRef90_UPI00042C4300 UniRef90_W5JX02 UniRef90_I3L9G9	N C L A H C	_S	NTVAVPYWGIQIIVHPNYNV E <mark>C</mark> ESA <u>VVV</u> PVEDII <u>S</u> HENY <u>H</u> G
UniRef90_Q27081 UniRef90_UPI0003EAD64E UniRef90_UPI00042B9B69	A H A	R K L T P T R L A V R V G G H \ S E P S D K S L R V H S L S T F	EQUVPINPGDLFVHPLWNPNC INTVAVPYWGIQIIVHPNYNV ECSAVVVPVEDIISHENYHG YIKRGQEYPVKDVIIHPHYVE PEDSKQVFSIASSHPHPEFSL YRDLVYHKY DGPDKPGLSVEDVIIHEDFDR HWSKGGQVLRVLNAIHPKYLY KRENTQVFSVVKAKPHENYDS KRENTQVFSVVKAKPHENYDS
UniRef90_S5S4B4 UniRef90_B3N9J3	AHC	TSGRSGKQDLFARDVI	DGPDKPGLSVEDVIIHEDFDR HWSKGGQVLRVLNALHPKYLY
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UniRef90_T1K623 UniRef90_B3MUJ2	AHC	PGFWGSLEYDLTGDVP SKAEGMSVIAHTRAE	QRAGMDGYVTRAEKI VIHDLY ENLKPLQKPVKRMI VHRNYNP VDENTQHVQVDFGRVHEKYTG
UniRef90_H2L3I6 UniRef90_A0A034VYP0 UniRef90_B0WZE9	A H C	SSTSTVVYLGETEINN ASIPEQFLTVQAGTVI TDRRGVPMSVSMIQAI	N S P N S V S R T I V S R I I V H P N Y N S N I T E T G T V V A V S K I I P H P D M A P T R Q V R Q A R T I S V H D K Y S P
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UniRef90_UPI0001CE1DC4 UniRef90_Q7SZE1	AHC	! K	R WE GPE QLIFRVI DFFPHPGFN INEDEQTRNPKEKFII <mark>C</mark> PNKKN
UniRef90_A7UNU4 UniRef90_G5ATY5 UniRef90_UPI00038C4CCB	AHC	DSSLIFRVVVGEHNLF	K Q S E G I E Q I V S V Q K I V I H S K W
UniRef90_UPI000388A1CF UniRef90_L5MBT2 UniRef90_B4LJ14	AHC	NPSVPYSQYRHQLLKF PGRNPVTRHIKVQLG(PSPNQVLSEVQEIIPHPSYNS QVRRSYKDSVQVARII <mark>C</mark> HPNY VWESCKUSVQVARII <mark>C</mark> HPNY
UniRef90_G1KE28 UniRef90_UPI00021A76C2	AHC	E G Y V G R Y F E V Q R Q N S F	S I N S P V P H P K Y Q P U S G P V L P H P S P N Q V L S E V Q E I I P H P S Y N S Q V R R S Y K D S V Q V A A F R N H E E Y N A L T Q P E M I S S K G H K V H P G Y D T F S P M S Q S R K A R Y T V M Y S Q Y N A S P T D G Q L F S V A S I H Y H E K W S A D E E E Q V F L V K S V S V H E K Y N P A R S S G G T L V G V S Q V I V N P N Y R S D H D L T R K Y G S P T T Y I H H N H N S
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UniRef90_G6D2H6 UniRef90_H2RIX3	AHC	YNDGNSLSPYSLYSPS	S M W T V Y R V Q Q T H L H H Y Y D G E T
UniRef90_UPI00033363B1 UniRef90_G3WNK6 UniRef90_F1NVZ2	SHC	RTYPEVTQWKVKVGTE KRFGVDVRRYYHTGVI	VDHSSDSWQYYVSKVVIHPNF EHLYSRDRYLDKIFVFQFNYL KDEFERELPVERLVLHRNYWA
UniRef90_W5MA72 UniRef90_E9GTS3 UniRef90_D6WDH9	ASC	. G S E G L V A F L G D H N	G
UniRef90_U5EXZ3 UniRef90_H2S871	THO	IDVKKLTVKLLNPNGI 1ADIDVQFLKEHNTEVI	MNGAQI VRNVRRI MTNDKFSF DEGTEQI I QVSEI I MHEKYVP GPEAQVRSI KQVVQHERYEP
UniRef90_UPI0003C4C8C5 UniRef90_A6NIE9 UniRef90_UPI0002658424	AHC	F WK D T D P S I Y R I H A G I E E A S D Q N P I V V L F Y D	OVY LY GGRNV SRI I VHPNY VT TQKKMF VRKI KRI VIHPRYNT PGPDAQERTIKNL VEHQQYRS
UniRef90_V8NMC9 UniRef90_UPI0004400EED UniRef90_B3M074			
UniRef90_UPI0001D55304 UniRef90_UPI000443EC87	AHC	EPEELEA <mark>C</mark> AFRVQYEI DSPRSFRVVLGE <u>HDL</u>	TINST GPNI VKVKKI I QHNPN DDQPTKVVEI VRHPRYNKSLC YVNGGTEQVI SVSQLYVHPNW PGPHAMYARVRRVESNPLYQG QEETQQI I PVEKAI PHPAYDH
UniRef90_H2NPV2 UniRef90_UPI00042AE05D UniRef90_UPI00032AF0C3	AHC	GSSMTVTLGAHNIKAC SSDRTYR <u>VV</u> LGEYDRE	QEETQQIIPVERAIPHPAYDH EQELLINPEDFIVHPLYFSIC
UniRef90_W5JS71 UniRef90_UPI0003AED0EE UniRef90_D3ZTE0	A E C A H C	FNNQNSRYRVQAGNTF KGSLNKLAQFWQLGNF OKRPAPVLGODRHNOS	F E P T E Q T I N V L R F T M H P M Y D G P G P R S Q E V G I A R V Q P H P V Y S W S C F R C Q T I A V H S Y R I H F G F S S
UniRef90_G3SRR3 UniRef90_F7DJ78	HSG	GTSYLVVGGQFDQGSI KRDHSPLVWEVWKHDI	QELLINPEDFIVHPLYFSIC FEPTEQTINVLRFTMHPMYDG PGPRSQEVGIARVQPHPVYSW SCERCQTLAVHSYRLHEGFSS DVKAIRVLKIAKVFRNPKFSM DSRKTLQVPVQDIVCHPFYSS
UniRef90_G49QW1 UniRef90_F6VXB0 UniRef90_U5ET82	AHC	F M N M D S L F K Y K V R L K N R N L N L K N A K I R V G S S N	ORPQELRVASAYPHPGYSDKN NRKGQRRNIRQVYIHPDYGLT YLNYGGRVYGIKSIHVHPDFV LNEDEQTRDPKEEACPNRKKD DEKTEQWRRVLKVVCHEDYNV RSKRMQQRRVLRYLSHPGWHA
UniRef90_Q072L6 UniRef90_UPI000393D9E2 UniRef90_Q7Q619	A N C A H C S H C	OSKNFQMQLGV <mark>H</mark> SKK <mark>V</mark> TYQML <mark>H</mark> ITVGEHDIREI TTKPSNMVVVVANRFDI	L
UniRef90_F7B4A4 UniRef90_W7FRF4	AHC	DSVVLG DHNINANDO	GTEQY ISVS KIVK HAN WN TNN TEPSAHASNVKAIHVHPAFNS SEAPELSFLPDYLEIHPQYDP
UniRef90_E4Y9Y8 UniRef90_UPI000443FB61 UniRef90_Q5MPB8	AHC	E D E P K R V V L G T H K L S E H T K E Q E L Y L V R V R D D I	SEAPELSFLPDYLEITHPQYDP ENYMSLNIEYFCKFPTYKSVG DGAAPIDIFIKHMIKHEQYNP LIGIKNRMKVDKLIIHPYFDS
UniRef90_F1PZN9 UniRef90_Q589Y5 UniRef90_UPI0003EC16A9	A H C	ILNKSESALELMHGERI RRWFVRLGEYDMKRTI KNSSMFVVLGTHNIK	I G I K N R M K V D K L I I H P Y F D S N Y S R T Y N F K V S E I R Q H E A F Q I K V N N K K M R Y S V K T C K H P Q Y G K R W A Q P D A R Y Q K E Y Y V H C N Y N F
UniRef90_B4N9L1 UniRef90_G9FKH9	AHC	Y G Y N P P Y L Q V A T G S T F T V V	RWAQPDARYQKEYY <mark>VHC</mark> NYNF TGAHNMRMPEKEKKRIPVSSY
UniRef90_U5ENS9 UniRef90_F1Q4A4 UniRef90_V4B521	A H C A H C	N D P V H V R F N D Y D L K N E R K N WK N G E H D L S E I Y R V L G R H R R N N A D S A	T G A H N M R M P E K E K K R I P V S S Y D T D E A E V F S I K R I I I H P D Y K P D D G D E Q E R H V A Q V I V P D K Y I P A E Q Y L D V T R I T I H P G Y N P N G A

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UniRef90_G3VX51 UniRef90_UPI00027405A1 UniRef90_W5ND89	NPNNYDIAL LRLSQSATLNRYVQLGTLPPQLLPNNNPCYI TTHANDICLLQLNSSALLGPHVGVLKLPKRSPKPGSRCWV	
UniRef90_Q2JM42 UniRef90_UPI00038BC74E UniRef90_X5MBK8	KLGGNDI AL VRLSRPVALPTLPLVQPNQTNLTAPGTAATI	
UniRef90_UPI00042C4300 UniRef90_W5JX02 UniRef90_I3L9G9	VSCGNDIALIKLSHSAQLGDKVQVASLPPAGDILPNETPC NTLENDVALFQTALPFLLTQSVQPLALSADVIGVAVRARV	
UniRef90_Q27081 UniRef90_UPl0003EAD64E UniRef90_UPl00042B9B69	KENYNDI ALI ELKEELNFTDLVNPICLPDPETVTDPLKDR ENYDNDI ALLKLDGTATESSAVKPI AFQRGGGYVQEGEEC GSUFNDI ALLKLDGTATESSAVKPI AFQRGGGYVQEGEEC	
UniRef90_S5S4B4 UniRef90_B3N9J3 UniRef90_UPl000021E814	K V F A N D I A L I K L A E P A V S K P A I L A S A S D E A V E S P G H T A V V S D Y P Y D I A V L I L E A P L K L G G A V R K I S L A E K T P K A G T L T L A H S L F N D I M L L K L E R K A O L N G V V K T I A L P R S O D W V K P G O V C	
UniRef90_I3CEQ7 UniRef90_UPI00046C2B20 UniRef90_C1BRH4	LFPQADFALLQLQTPMTTVTPVHLVDAYTLLDEVGMVATV STFFADIALVQLTEPVNFTDTIRPISLLGPSTQFPAGEK <mark>C</mark> FGNNYNV <mark>C</mark> LLKLKSSLELNDKVKAVSLPKTDEEFTGDVVV	
UniRef90_B4PJL7 UniRef90_B4MP42 UniRef90_T1K623	S R T L R N D S L I R P H V D Y S S A H N V E L P K H E S H Y A S Y D G D N A S L T D N D A L I F L S P A L P I R E D N V K L A S D R P S V G T Y A T V T T F E N D A L M E L E S P F D V Q P H V V P L C L P E P E E F V G Q V A H V	
UniRef90_B3MUJ2 UniRef90_H2L3I6 UniRef90_A0A034VYP0	GVGPYDI AI LHVDTPFVFNENVSPATLPGREQVHEGESHL DTHNNDVALLKMASSVTFTDYISPVCLAAQGSDFPGGTTA YNYDNDI AVLQLSTPLDYSDVI LPISLAVNEAPAGETVTI	
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UniRef90_M3WT06 UniRef90_UPI0001CE1DC4 UniRef90_Q7SZE1 UniRef90_A7UNU4	NDHNDDI MLI RLPRRARLGSAVQPLGLSQTCVSPGTQCLI DEVDKDI MLI KLDSRVSNSEHI VPLSLPSSPPSVGSVCHI	
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UniRef90_L5MBT2 UniRef90_B4LJ14 UniRef90_G1KE28	RLENEDVAL KLEAPVRPSKRINWIRLPPASSAFPRGTRC NTMVNDIAVIRLSSSMTLSSTIKAIDLASSAPANGASASV SSKTNDVALMKLQSPLVFDEFVRPVCLPNPGMMFQSDQPY	
UniRef90_UPl00021A76C2 UniRef90_Q29C14 UniRef90_UPl000393E399	R H L Q N D I G M I M L D D P L R F N R W V R P V C L P G P N L L G P M W R N K K S M D Y D I G L I R L V N E L T Y S R K V K A I G M N H R K I A D G S F A T I L P M N Y D I A L I E L N Q R I Q M G A R V Q P I C L P L P N E N I L P Q T T C	
UniRef90_B2WMB3 UniRef90_G6D2H6 UniRef90_H2RIX3	S S Q D Y D I A I WK L S S S L P T S S T I G Y V G L P G S D P A A G A T V T V Q T L D N D I A L L K L H G K A E L K E G V C L V C L P A R G V S H A A G K R C N D Y D L A L L K L D R T A P A V R A G H A W P A C L P P P T H Q L E P D L L C	
UniRef90_UPI00033363B1 UniRef90_G3WNK6 UniRef90_F1NVZ2	R E K T A D I A L L K L S S R V S F T A L L P V C L P S I K E H L P L P S S C Y P K E N D V A L I K L K K P L V M S D R V R P I C L P F F D E E L A P D T P L G S N D N D I A L V R M R H C L S F N S H V L P I C L P D R K E K S D I N R Q A	
UniRef90_W5MA72 UniRef90_E9GTS3 UniRef90_D6WDH9	NNAGYDI ALLKLTQNAVLNSYVSVATLPSSILPHNNFCYI STSSNDI ALIYLASPLDLKAVNMPPPTSEFDPPAGTITTV GNYRNDI CLIQLSQPAPINDNIQVAKLPPSSDLDKSYFDE	
UniRef90_U5EXZ3 UniRef90_H2S871 UniRef90_UPI0003C4C8C5	RTADNDI ALLHLAVPITYTTYALPVCLPPSGVYNGYHGITRTADNDI ALLHLAVPITYTTYALPVCLPTRPLAERELWHTRMERNDI ALLELSQPLVCNDYAQLACLPDARTEVSKLVHC	
UniRef90_A6NIE9 UniRef90_UPI0002658424 UniRef90_V8NMC9 UniRef90_UPI0004400EED	QTNDYDIALLQLEPHDLSNVRTVKLSPVSLELTPKDQCWVQTNDYDIALLETESKFDFESFLRPLCLPKEDDQIELWRVCSTYFNDVALMELSHPLNCSDYLQPACLPDMDVELSSLTHC	
UniRef90_UPI0004430EEB UniRef90_B3M074 UniRef90_UPI0001D55304 UniRef90_UPI000443EC87	NNYANDI SLLLVEEPFPLDVQLPELAFATPQTDAGGEGVL ARGGADI ALLKLEAPVPRSELVHPVSLPPASLDVPSGKTC	
UniRef90_H2NPV2 UniRef90_UPl00042AE05D UniRef90_UPl00032AF0C3	MASSADVAL VELEAPVTETNYI LPVCLPDPSVI FETGMNC KNDSSDI ML LKLEIKVNMTKAVRPLKLPWHKVCVKPGDVC TPCGNDI AL I KLSHSANLTAAVKPACLPPAGDI LDHGTEC	
UniRef90_W5JS71 UniRef90_UPI0003AED0EE UniRef90_D3ZTE0	T A S P Y D I A T V R L A S P F G F T A Y I R P I Q L P I A E T I P A G V V K F K E G S R D I A L V H L E R S I Q F S E R V L P I C L P D S S V R L P P G T D C K T Y Q H D L A L L R L R G R K N S C P H V Q P V C L P S S A A P P S E T V L C	
UniRef90_G3SRR3 UniRef90_F7DJ78 UniRef90_Q49QW1	F T N Y N T L A T P A H F S Q T V S S V C L P S K G D D F P A G S L W E T L R H D A L L A F P V N Y S S Y Q P V C L S E K A F E E N T G A E C K N R Q D D G V A T R A A Y T Y Y V	
UniRef90_F6VXB0 UniRef90_U5ET82 UniRef90_Q072L6	HPHGKDLALVHLQRPLKFSSNVYPLCLPNANLSLKKVTKCQAEGKNDFLLIELNGKVPFGKNKFAKLPNATTSFADGTMCDEVDKDIMLIKLDSRVSNSEHIAPLSLPSSPPSVGSVCRL	
UniRef90_UPI000393D9E2 UniRef90_Q7Q619 UniRef90_F7B4A4	R T L A A D I G L V A L V S P F Q C G G G V Q P I A L A N R P P V D G E P C T I V A A G Y D L A V L H L A S S A T L N T S V K L A N L P A D I L A H N Y G C I V	
UniRef90_W7FRF4 UniRef90_E4Y9Y8 UniRef90_UPI000443FB61 UniRef90_Q5MPB8	SI I R N D L C MI H T A N E I PV F S N P E T A C L P E Q D S E E E L G K E C F G A D L M L K L S K E V P L N N R V K I L P L P T S S K A N L R D G Q L C S K A V T N D L C L S K E V P C S D L D L D L T D S K T E E C V S K A V L R D G Q L C S K A V L R D G Q L C S K A V L R D G Q L C S K A V L R D G Q L C S K A V L R D G Q L C S K A V L R D G Q L C S C S K A V L R D G Q L C S C S C S C S C S C S C S C S C S C	
UniRef90_Q5MPB8 UniRef90_F1PZN9 UniRef90_Q589Y5 UniRef90_UPI0003EC16A9	WFLNHDIALLYLKSPFKLGANILPICLSEVTDIQKWRNCWANYKNDIALLKLERPAVFNAYVWPICLPPPNLQLTDEPVTVVSGNDIMILKISRKIOIDKKVKVKPIRLAPKEIKAKDNIVK	
UniRef90_B4N9L1 UniRef90_G9FKH9 UniRef90_U5ENS9	S O D Y D I AIL WKLLSSS PTSSTI GYV G L P G S D PA A GA T Y T V Y O T D Y D D D D D A D GA T Y T V Y A G H A W P A C L P P P T H Q L E P D L L C N D Y D L A L L K L H K G K A E L K E G V C L V C L P P P T H Q L E P D L L C N D Y D L A L L K L K S R Y S F T A L L L P V C L P P P T H Q L E P D L L C Y P K E N D Y D L A L L K L S S R V S F T A L L L P V C L P F F D E E L A P D T P L C Y P K E N D Y D L A L L K L S S R V S F T A L L L P V C L P F F D E E L A P D T P L C Y P K E N D V A L L K L K K K P L V M S D R V R P I C L P P F R K E K S D P N R Q A T L Y R K E K S D D N R Q A T L Y R K E K S D D N R Q A T L Y R K E K S D D R V R P I C L P P S S I L P A M S T T T V E E F D P P A G S T Y F D E E L A P D T P L A S P L D L K A V N M P P P T S E F D P P A G S T Y F D E E L A P D N R Q A T L Y R M R H Q L S F N S Y V S P L T S E F S D P P A G S T Y F D E E L A P D N R Q A T L Y R M S D R V R P I T S E F S D P A G S T Y F D E E L A P S S I L Y R M S D R V R Y N M P P P T S E F S D P A G S T Y F D E E L T T S N D D I A L Y K L X A S P L D L K A V N M P P P T S S E F S D P A G S T Y F D E E L T T S N D D I A L Y K L S P L Y N S L S P L Y C L P P S S G V Y A G R E Y L W M Y M Y M Y P P T S E F S D P A G S T Y F D E E T T S N D D I A L Y R L A S P L D L K A V N M P P P T S S E F S G V Y A G R E Y L W M Y M Y M Y P P T S E F S G V Y A G R E Y L W M Y M Y M Y M Y M Y M Y M Y M Y M Y M	
UniRef90_U3EN39 UniRef90_F1Q4A4 UniRef90_V4B521	LKTNHDLALLHLRTPVAYTDHVVPLCLPEKTFSERTLAFI GFPNDMAMLELSADANTGSNYLSTISLAETNDDFTGQTCT	

		130)	140		150 16	30
UniRef90_J9LWP0	VTTGV	VGKVKPN	N G P L S	GKLRQL	K V P V H N T	SVCRDKYGPAVP	
UniRef90_A0A022T74 UniRef90_B4IXW8	¥9 SGFG <u>r</u> WG <mark>C</mark> T∏	VGWGAI	REKG	PSSDPMI	RQVILPI	E <mark>C</mark> KKQMPDGLKD RKG <mark>C</mark> TDPEDRAS	
UniRef90_UPI00035A	.04CE H G W G F	RLS A G G V	/ S P T I	L Q N A T F	T G V S Y N E	RKGCTDPEDRAS CRALFAAVSIQV]
UniRef90_H2T0C2 UniRef90_B7FW25	II IG F G A	\ T T E G G S	S G S N I	RTVTLPI LQKVTLI	N Y II IN P N T	N S S A S F N G S L T E C N S Q Y G G Q L Q E D	
UniRef90_G3VX51	TGWGF	RTRTNGC	OII IA F T	II O O A Y II	VVDYAT	CSSSSYWGATVK	
UniRef90_UPI000274 UniRef90_W5ND89	TGWGI	TSFNG	RAIIIR	II IQ FIVINII I	TILLIDONT	C N S S W K G Q L R S A C N S Q F Y S S S I S A	
UniRef90_Q2JM42	<u> </u>	TFPSGF	PRDL	QQATVPI	VSNAVC	NAPQSYNGT LD ENHLCDAQYHTG	
UniRef90_UPI00038E UniRef90_X5MBK8	C74E WVIGV	V G N [V] H F G S S T S N S N	3 V S <u> L P</u> / L P T L	PPFPLQQ HYAEVITI	QIV K V P I V V I P T V N C		
UniRef90_UPI000420	34300 YISGV	VGRYTNG	3 P L P D	K L Q Q A L I	L P V V D Y E	HCSKWDWWGRT V]
UniRef90_W5JX02 UniRef90_I3L9G9	WATGV	VGRMII IE F	F D P F S	R P P Y I I O I	K K <mark>C</mark> D D M A	ANFLGAEGWRIG QKAANISQNLVQ	
UniRef90_Q27081	I \/ T Δ /) F C C D	$P \subseteq O V P $	= \/ Q <mark>D</mark> \/ \/]
UniRef90_UPI0003E/ UniRef90_UPI00042E	ND64E SILAGV 19B69 WVTGV	VG A T S N [[VG K R K E T	JGFRP	DAPEQL	Q E A K L N I	V R Y E E C N R A L K E	
UniRef90_S5S4B4	TGWGY	TKADH (WDDK	YLPTEL	Q E V E L P L	V S R E D C R A A Y R E	
UniRef90_B3N9J3 UniRef90_UPI000021	E814 <u>T V</u> A G V	VGRLANC	TLSN	TLQEVN	EVQKGQ	L C G R S D Y Y G D K F V R Y E E C N R A L K E V S R E D C R A A Y R E E C Q K Y Y S S L T D D K C Q G M S E D Y N D S N E P R S Y N G Y K C Q G M S E D Y N D S	
UniRef90_I3CEQ7 UniRef90_UPI000460	V G W G C	Q P T Q N S Y	PSYL	KQANVPU	I S T D I C	N E P R S Y N G Y I K D E Q S H W I Q D D M L C	
UniRef90_C1BRH4	S G W G \	D S H L G S	FSDV	LLAATL	H M I S D E E	CEARFPG MI	
UniRef90_B4PJL7 UniRef90_B4MP42	EVIAS S G W G T	G W G R T S	S D S T S	A HIL Q Y A	MKVISN	SECKRTYYSTIR CQEAYDWRPISD	
UniRef90_T1K623	AGWG	ÇÜŞ YĞĞ	P S I	ŢĬŎŢŸĶĽ	PILANDK	CQEMFNNAGHDK	
UniRef90_B3MUJ2 UniRef90 H2L3I6	YGWGH WVTGF	. S Y F T A : G T S S G	A A K ГЦ G G S A Р	STLOFV	I VINFFFC		
UniRef90_A0A034VY	PO T G W G F	RVRDGGA	A L P E L	LQYSRSI	LTVLSDE	T Q C N S S Y S I I T S Q C A R V A G P V N H C N A A Y Q G T L A K	
UniRef90_B0WZE9 UniRef90_UPI0003C1	2DAE WIVII G V	VG DII II IL IC	J G P IL IR	PPHHCNI	KHYQNIS	ADAARQIIIKDDM	
UniRef90_UPI0003F1 UniRef90_M3WT06	5517 I T G W C	BDTGRAY	/ SRTL	IQ Q A A II I <mark>P</mark> II	L L I <mark>P K R F C</mark>	EKRYKGRFTGRM T <mark>C</mark> SSQTP <u>VVF</u> RR	
UniRef90_UPI0001CE	E1DC4 SGWG <i>A</i>	\	/ R Y P V	V L Q C A N I	SILETR	LCHWAYPGHISD	
UniRef90_Q7SZE1 UniRef90_A7UNU4	MGWGS	STPLKVT	YPDV	PYCAYLI	N L L D D A V	<mark>C</mark> Q A G Y P E <u>L L T</u> E Y R G Q <mark>C</mark> G Q A Y A Q <u>H</u> N	
UniRef90_G5ATY5	TGWGN	ITKTNG	VSQT	LQQAYL	SVSYAL	CSSSSYWGSTVK QCEVFYPGVITN	
UniRef90_UPI000380 UniRef90_UPI000388	C4CCB A G W G T A1CF W V T G V	TASRRIV VGWI FIVIT	/JKYNK	SLTCSR CNKHYN	<u>/ T L L </u> S R <u>K</u> T N P N S I	Q	
UniRef90_L5MBT2	WVTGV	VG DLA F	LDLRP	PPYHIIOI	= \/ F \/ P I	IAN FIL <mark>C</mark> ROOYII RII	1
UniRef90_B4LJ14 UniRef90_G1KE28	S G W G T WITS G V	VG Q K G P T	_FLPP SKKI	T	V NIL VISQV I DSDT <mark>C</mark>	CGSSTYDYGSKI NNRYLYNGLILP]
UniRef90_UPI00021A	.76C2 PEPN 1	TCWGTT	TEYG	IL IN P D HIL II	REIVIEIVIPII	LADCKYEEDRND	
UniRef90_Q29C14 UniRef90_UPI000393	E399 MTAG V	VGRIKEF	RSMMN	QRLIRPO	P	CAGPETGGRDAC	
UniRef90_B2WMB3	AGWGT		SSPNA	LYKVSV	VVSRTS	C R <u>S S Y G S S S I I T N</u>	
UniRef90_G6D2H6 UniRef90_H2RIX3	W V T G V	VGSQEGG	SKVSN	V_L Q K	<u> </u>	ACLRSYGHMVTP	
UniRef90_UPI000333 UniRef90_G3WNK6	63B1 WW A G V	VGRTOFV	MG PIII	DHKACEI	KILIV NI PILIG	SEEDNMEDIIKD	
UniRef90_F1NVZ2	C I I S	WGDTGK	(<u>S</u> Y S R	TLLQGV	V P L L P R E	NHEDAYFGSITE DCEVRYGQKFTN CSSSSWWGSTVK	
UniRef90_W5MA72 UniRef90_E9GTS3	T G W G F	R T S T Y G C	QLSAT	LQQGYL LISVDV	P T V D Y A T	C S S S S W W G S T V K C N A A Y D P N P I F P	
UniRef90_D6WDH9	$T \mid V \mid T \mid A \mid T$	GWG LI K	(D V PF	PTTKDMS	S NII IT E <mark>C</mark> G	MYYNDDEDTYVV]
UniRef90_U5EXZ3 UniRef90 H2S871	T G Y G K V S G W C	(TATEL GPTSH	QQVTVPI LIRQIK	LISNSQ <mark>C</mark> VPRIIRTO	KAMGYKPSRIYD QCIFFSGVVITQ	
UniRef90_UPI0003C4	C8C5 Y I S G V	VGVTQET	SDIL	QEAKVHI	DTTTC	QCIEESGVVLTQ NSSRWYNGALAS	_
UniRef90_A6NIE9 UniRef90_UPI000265	T G W G A 8424 A V A G V	VGKLNQE	DRYL	M S D V P I	V D K R L C Q	NASGHTGDRQLI RSYSFLNPITNR	-
UniRef90_V8NMC9 UniRef90_UPI000440	YVSGV	VGVT DVS	SSESS	SMSIKKI	ESPGDSG	RSYSFLNPLTNR GPLMCREHRSER NKDYAGRLVNTT	
UniRef90_B3M074	V G W G L	NETGGY			ZVÝS DĚĚ	CTTRHNGKTDPR TEPSEQLIKDDM	
UniRef90_UPI0001D5 UniRef90_UPI000443	55304 WVTGV EC87 YITGV	VGDLLGHG VGRTTGG	EPLP SSUSA	WNQLY CI	R F P S N H	TEPSEQLIKDDM TCSRSDWWGSTV	1
UniRef90_H2NPV2	R V T G V	V G S P S E E	E G				
UniRef90_UPI00042A UniRef90_UPI00032A	LE05D S V S G V LF0C3 Y L T G V	V G K M A P E V G R S T G G	STPG	L Q E V E L K L Q K G L I	I V Q M D Q L L P V V D H A	<mark>C</mark>]
UniRef90_W5JS71	S G W G A	TSTGLL	PTMP	NDLQMF	QVGLMPN	HCTRLTWWGLLV EECQLAVNGAVG	-
UniRef90_UPI0003AE UniRef90_D3ZTE0	EVAGV	VG H Q E E Y	ZATEL	Q E A QVP I	FISLDRC	SSSNVHGDALLP	_
UniRef90_G3SRR3 UniRef90_F7DJ78	ATTGV	VGLTKNT	TNKT	P E K P Q Q S	STLPFLS	NLD <mark>C</mark> KKY <mark>C</mark> GSKI]
UniRef90_Q49QW1	YVAGV	VGKTLN	RNSP	<u> </u>	PIFNKQ	E CDDKHRGEVLS	
UniRef90_F6VXB0 UniRef90_U5ET82	WVT GV	V G K M S Q E V G E T K S F	GYLE SFSR	GKLQEAE FIPIFNO	EVPLLNQ DECFYV	E E C Q A V N G A V G Y W R G T G E G A V T E S S N V H G D A L L P N L D C K K Y C G S K L K K K L E R P D N P V K E C D D K H R G E V L S F L C Q L L Y G N P L F H R T R N V Q R P L T S C R A R Y P W Q P V S S C E C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R A R M S G L N S T C C R M S G L N S T C C R M S C R M S G L N S T C C R M S C	
UniRef90_Q072L6	MĠWĠŢ	TIS PT KE	TYPD	VPHCANI	NITOHY	CRAAYPWQPVSS	
UniRef90_UPI000393 UniRef90_Q7Q619	D9E2 TVSGV YGWG0	V G	GSTS	RYLQRLQ PVCLQK	QLIPRVPV ASERCNR	Q	
UniRef90_F7B4A4	ŢĞ WĞ E	R T S T G G A	A EAS Ž	LQQAPL)	SVVQHST	QECRLHSGLNLT SLHTVVTVPDGT CSSSSWWGSTVK AECQQAYGGELA QTCVNWYREEKQ	
UniRef90_W7FRF4 UniRef90_E4Y9Y8	I G WG E FIAGV	VGLKNQC	Q G D T A	MV LQEA	ZIPFIVIPF GVPII LIDH	A E U Q Q A Y G G E L A Q T C V N W Y R E E K Q	
UniRef90_UPI000443	FB61 VAGW	QTGTÑĔ	E B M M D	PLRVVN	VSILNPQ	LCRELWGSSFPS	
UniRef90_Q5MPB8 UniRef90_F1PZN9	TGWGI	NRSVPT	QSMT	ĖĖĿĖKVI		EII CS QILM P MILIT R	
UniRef90_Q589Y5	VIGAD VIG	TOWYGO	PHSS	VLMEVT	V P V W D H D	KCVAAFTENIFN ERKLKAKVTLPK	
UniRef90_UPI0003E0 UniRef90_B4N9L1	T C W/C 9	: T F \// C F	אום ם דור		\(\times \) \(\times	COEIIMEEDDNNE	
UniRef90_G9FKH9	T G W G	TRENGS	TSDT	L K ONDIVI	KIMKPGT	CANVRSDVITFCCVGPYKKDLKKGSGSPALTENMFCQCAMTNVGNAAL	
UniRef90_U5ENS9 UniRef90_F1Q4A4	<u> </u>	. м	_ Q	VMTQDC	= <u> </u>	S G S P A L T E N M F C	_
UniRef90_V4B521	∏s g w c	RLVGGG	SSLAN	TLQKVE	MT Q L S N A	Q C A M T N V G N A A I	_

UniRef90_J9LWP0 UniRef90_A0A022T749	170 180 190 200 T D G H L C A G R M G G P C V G D S G G P L Q C R W F L A G L T S F G S G C A T M C A G V M E G G K D T C Q G D S G G P P Y C T Y S V L G I T S F G K F C A
UniRef90_B4IXW8 UniRef90_UPI00035A04CE UniRef90_H2T0C2	T M C A G V M E G G K D T C Q G D S G G P P Y C T Y S V L G I T S F G K F C A E D V C A G E P D G G R D A C Q G D S G G P L F C Q W Y L A G V V S H G N G C A R W S N F C A F N Y P K S E C T G D S G G P L V C R G K L V G V V S W G L S N C N M C A G Y S D G G K D A C K G D S G G P L V C E G R V Y G L V S W G N G C A
UniRef90_B7FW25 UniRef90_G3VX51 UniRef90_UPI00027405A1	N MI C A G Y S D G G K D A C K G D S G G P L V C E G R V Y G L V S W G N G C A I M M C A G V Q G G G K D S C Q G D S G G P L M D D G V Q V G V T S W G I G C A N T M V C A G G D G V R S G C Q G D S G G P L H C Q Y V V H G V T S F S Q G C N M L C T H S G D R Q R R G F C S A D S G G P L V C R N R A H G L V S F G L W C G G M V C A G R A E G G K D A C Q G D S G G P L S C E A E V G G L V S W G V G C A T M L C A G F P Q G G V D T C Q G D S G G P L I V S F A L A G I T S F G R G C A
UniRef90_W5ND89 UniRef90_Q2JM42 UniRef90_UPI00038BC74E	GMVCAGRAEGGKDA <mark>C</mark> QGDSGGPLS <mark>C</mark> EAEVGGLVSWGVGCA TMLCAGFPQGGVDTCQGDSGGPLIVSFALAGITSFGRGCA LYTGDSVRIVRDDMLCAGDKGHSICQWLQAGVVSWSKFCA
UniRef90_X5MBK8 UniRef90_UPI00042C4300	NNICSGPVTGKISSCVGDIGSPLVQYGNLIGVVSWNVPCG
UniRef90_W5JX02 UniRef90_I3L9G9 UniRef90_Q27081	S S S L C T L T R E G Q G L C D R D E G G A L V L D N Y A I G V A S W G I P C A K G M V C G Y N K N K G G P C R G D S G G P L V C E W V Q V G I V S W G V R C G N T P S L K N G L T N N F L C A G L E E G G K D A C W I V V G V V S F G H K C A
UniRef90_UPI0003EAD64E UniRef90_UPI00042B9B69 UniRef90_S5S4B4	DNMMCAAESRKDICDGDSGGPLVHSGVAVGIIISNGSKCG QMEVOAYSSRGKDTCQGDSGGPMACTWVQVGIVSWGFGCG SSMRMNPIDERNVCAGYAEGGKDACQWIOIIGIVSWGAGCA
UniRef90_B3N9J3 UniRef90_UPI000021E814 UniRef90_I3CEQ7	MICAGGHGRDICIIDSGGPLVEMKIR KLIGIVNWGNGCG IQLCVGNPSEGKATGKGDSGGPFVCDGVAQGIVS RRLC FMLCAGYAOGGIDACVGDSGGGVINWOOLGIVSFGNGCA
UniRef90_UPI00046C2B20 UniRef90_C1BRH4 UniRef90_B4PJL7	A G S R G D P N G P C K F D S G G P L V C P R N G S F V L T G I I S W G R D S D G T M F C A T A P K K D L C A G D M G G P L V Q G N T L V G I S S W G F G C I
UniRef90_B4MP42 UniRef90_T1K623 UniRef90_B3MUJ2	G M L C A G L P N G G K D A C Q G D S G G P L V V N S Q L V G I V S W G E G C A E [K S T F L C A G Y K D S C E G D S G G P L M V H W V L V G T V S H G I K C A S N I C S S S H Q Q S K S A C N G D S G G P L V V E Y E L I G I V S W G Y P C G
UniRef90_H2L3I6 UniRef90_A0A034VYP0	N M
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UniRef90_M3WT06 UniRef90_UPI0001CE1DC4 UniRef90_Q7SZE1	RTLCAGLWEGGRGSCQGDSGGPLVCNGTLAGVVSGGEPCS RTLCAGLLEGGKDTCGGDSGGPLICNGQFQGIVSFGHPCG
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UniRef90_UPI000388A1CF UniRef90_L5MBT2 UniRef90_B4LJ14	A GYI N S P N G F C K G D S G G P L A C E Q N G T W Y L A G V V S W G I V C S G K V I Q D D M L C C E G D S G G P L V C K W R G T W V Q V G V V S W G K G C G K R S M I C A A A S G K D A C Q G D S G G P L V S G G V L V G I V S W G Y G C A T M I C A G Y L N G G I D S C Q G D S G G P K D S L W W L V G D T S W G T G C A
UniRef90_G1KE28 UniRef90_UPI00021A76C2 UniRef90_Q29C14	T M C A G Y L N G G L D S C Q G D S G G P K D S L WWL V G D T S W G T G C A A S L C A G Y P H G G R D A C Q G D S G G P L L C Q W Y V A G V V S H G Q G C A M C A G Y L N N G G V D A C H M D S G G P L V V R E E L I G I V S W G L G C A
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UniRef90_G3WNK6 UniRef90_F1NVZ2 UniRef90_W5MA72	R M C A G V P S G H V D S C Q G D S G G P L M Y F W Q V G I V S W G Y G C G R M C A G N L S E D K R S C Q G D S G G P L M C Q W I L G T S W G Y G C G S T M C A G G D G Y R A A C Y G D G G G A L N C Y Y E V H G M S F M S G C N
UniRef90_E9GTS3 UniRef90_D6WDH9 UniRef90_U5EXZ3	R ML C A G Y R S G E K D A C Q G D S G G P L V C Q W F L A G V V S W G K G C G D M I C T G D T K T R K D S C K G D S G G P L S C M W Q I G V I S W G M G C A N M I C A G V P S G H V D S C Q G D S G G P L M Y F W Q I V G I V S W G Y G C G R M I C A G N L S E D K R S C Q G D S G G P L M C Q W I I L G I T S W G Y G C G S T M I C A G G D G Y R A A C Y G D G G G A L N C Y Y E V H G I M S F M S G C N S M L C A G G P P G G V D S C Q G D S G G P L F T D A V Q H G I V S W G I G C A D T N L C T S G Y R N K G T C N G D S G G P L S L D G V L I G V T S F G T L L C N M L C A G Y P E G G K D A C Q G D S G G P L Q I Y Y T I V G I V S W G E G C G N M F C A G Y M E G R Q D S C K G D S G G P L V T K Y F L L G I V S W G K G C A N N L C A G Y E Q G G I D S C Q G D S G G P L W C R W R I V G V V S W G Y G C T
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UniRef90_H0W3S5	RVVGGKPARVGDFPWQVAIKDDSKICGGIYIGGCWVKIYGGQDTEAGRWPWQASLYRGLHLCGAVLIDSYWL	
UniRef90_Q9PSN3		
UniRef90_A6ANQ8 UniRef90 H0XFZ4	KIINGEEVTQGNWPFMVALVSKNHFCGASFIGDRYV VVGGVETVRGRWPWQALVQVPQYFCGASLLSRR <u>W</u> V	LSA
UniRef90_Q54168		
UniRef90_C6WEQ2	RIVGGVVVDPNPYPWVVALQNGRQF <mark>C</mark> GGAIVSRYQV	
UniRef90_W4XBC8 UniRef90_F6U0E9	R	
UniRef90 UPI00042C64EB	NRII VIGGEDSTDAEWPWLVISII IRNGTHY <mark>C</mark> AGSILLITNHWV	LTA
UniRef90_K7J4L2	KI VGGYYAKINSVPYQAQVQQGIQFCGAAI ISEYWL	
UniRef90_B3M605 UniRef90 Q8I8E2	RIINGTRAT <mark>C</mark> GNAYFQ <mark>CS</mark> IHEGYGI <mark>C</mark> G <mark>C</mark> IIITEYFI DRVVNGQT <u>A</u> TLGQFPY <u>QVL</u> LRQYQALCGGSLLSDQWV	
UniRef90_Q5I8R5	DRVVNGQTATLGQFPYQVLLRQYQALCGGSLLSDQWVRIVGGYEVTPKQYPWLASLYYGSHTCGGTLYNEKTI	I S A
UniRef90_G3HIM3	R V V N G E D A V P Y S W P W Q V S L Q S F H H T C G G T L T A P D W V	M T A
UniRef90_UPI000258F92B UniRef90 E2AEA4	ERIFGGRYARQNQFPFMVAVHRMVSQ <mark>C</mark> GGTIITPRWV EAIVGGT <u>PAGL</u> GE <u>F</u> PHQVSLQSSSHF <mark>C</mark> GGSIIAPNKV	LTA
UniRef90_UPI0003C12C7E	RVVGGWLCHRGSCPWQVLLQHGQGFCGGSLINHQWI	VTA
UniRef90_W5K694	R V GGQ <u>L</u> Q <u>R</u> QGGSPWQ V <u>L</u> L R <u>R</u> KHGF <mark>C</mark> GGT LI NQ <u>R</u> W V	ITA
UniRef90_V9KFK2 UniRef90_A7SNJ9	R	LTA
UniRef90_B4N346	KI I GGKAARKGE WP WOVAII RFKEAFCGGTL I APNWV	LTA
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UniRef90_T1IGA4 UniRef90 W5JDS1	K	LTA
UniRef90_M7AQW0	D R	XXX
UniRef90_UPI0004405229	_ E R V V Q E S E A M E G Q W P W Q A S L Q G A G H Q <mark>C</mark> G A S L I S N T W L	
UniRef90_A0A026WJK5 UniRef90_U3KZH4	V V G G S D A P K G G Y P Y T V S L Q W G S H F C A G S I L N S Q W I R I F G G R K S E L N A <u>W</u> P W L <u>A</u> A V Y S R <u>G</u> T D C G G A L I T N R H V	V T A
UniRef90 B4PPJ3	RII VIGGFPADII IANII IPYII VISII IQYGII IHHCGGGSII I INNHTII	ĹΤÂ
UniRef90_Q5MGE3	RII IT G G T E A A F G D W P W M IV IY II IM N N IV IH M G G G S IL L IN K N W A	
UniRef90_UPI0002C46899 UniRef90_B4N9L5	NRIVGGEDSADAEWPWVVSIQNGTHHCAGSLLTSRWVRIGGGVDAPVAFAPYQVSIMSGEHVCGGSLIADHWI	
UniRef90_U5A492	R I N G K E A T E G N W P F M A A L V S R N Q F C G A S F I G E R Y V	
UniRef90_UPI000388ABDD	V G G Q E A V P H S R P Y M A F L K I K R C F C G G F L I R D D V V	
UniRef90_UPI0003F11552 UniRef90_C3ZQT9		LTA
UniRef90_S9XB36	II I IG G H E A P WN M W P W Q IV IS IL IQ Y W Q H II I <mark>C</mark> G G S IL I IH P Q W IV	
UniRef90_M4A7Q1	NKI VGGSFVPTETQPWTAAIFQNRFLCGGSLIAPGWV RVISGHEASP RPYMAYVQLGSSSCGGFLIREDVV	
UniRef90_UPI0003C4A65D UniRef90_F6QE03	RVISGHEASP RPYMAYVQIGSSSCGGFLIREDVVRIVGGVNSQPGAWPWLVSIQAWRHFCGGTILNNQWI	LTA
UniRef90_H2TSM7	NDIVCCADAAECHWDWOVDVOSNCHICCCCGIIGEKWI	1 0 1
UniRef90_B0WJE8	RIAGGEVANPNQFPYHAALQDGLTFCGAAIVNQRWVIVGGKPANLLEFPWHVGIMNGSHLCGGSILNEWWVIVGGQPAEPNSWPWMTVIKNNGHYCGATLIDNEWVIVGGTTAALGEFPYIVSLYSGSHFCGGVLLNAYTV	ITA
UniRef90_Q9D9M0 UniRef90_W4XDY0	I VGGQPAFPNSWPWMTVIKNNGHYCGATILIDNFWV	LSA
UniRef90_G2YX59	I V G G T T A A L G E F P Y L V S L Y S G S H F C G G V L L N A Y T V	LTA
UniRef90_Q32NG3 UniRef90_L9LD13	RILVIGGODTKKGQNPWQVILLWLIGTAHCGGTLISSNFV	VITA
UniRef90_L9LD13 UniRef90_UPI0003338027	R I	LHA
UniRef90_Q7PNR7	RVVHGSETVYGHHPWQASLRVKTHWCGAVLITRYHV	LTA
UniRef90_W5U9B9 UniRef90_F1NDZ1	RI	LTA
UniRef90_Q9VS87	RIVOGS DARKEAWPWIVS LINSKPIVOGASLVINE EWIL	ĽŤÂ
UniRef90_G3REU5	KICGGQRAEPERWPWQASLYLGGHLCGAALIDSNWV	ASA
UniRef90_F6R8M2 UniRef90_E0W3U8	KI CGGQRAEPERWPWQASLYLGGHI CGAALI DSNWVRVI GGSEVARNSWPWQVSI HSWYHT CGGSLIRANRVI VGGTPSKVGSYRFMVSLRTGDFFCGGSLVDQQFRIVNGEEAVPGSWPWQASI QDGWHYCGGSLFNKHWVRIVGGQDAPEGGWPWHVSLHDFRPLCGGALINEQWI	_L I A
UniRef90_UPI0003C14502	RIVNGEEAVPGSWPWQASIQDGWHYCGGSLFNKHWV	VTA
UniRef90_UPI000441FDA6	RIVGGQDAPEGGWPWHVSLHDFRPLCGGALINEQWI	ΓŢΑ
UniRef90_B4IY25 UniRef90_B4LUQ8	RIVGGQDAPEGGWPWHVSLHDFRPICGGALINEQWIKITGGRPAESDEWPWMAAVGTEYVWCGGVLITDRHVRIINGGRPAESDEWPWMAAVGTEYVWCGGVLITDRHVRIINGGAEANSGEAPFIVSLQSNSHYCAGSLISDRVVRVGGQPGNSPWTVSLRNGQHFCGGSLVKEQWVRVVGGKAAKFGEWPWQVLVRESTWLCGGVLITNEYVIIGGKESVPHSRPFMAKIKGSTLCGGTLIKSNWVRIVGGDMAIPGQIPWQVALQRALPFCGGSLLADLWVRIVGGGNVLITNEYVVRIVGGGNVLITNEYVVRIVGGGSVVEDGKYSYLASIYFTSHFCGGSLVAPDIVKLVGGRPAMRGGWPWMAMLHRRGPFCGGSLVAPDIVKLVGGRPAMRGGWPWMAMLHRRGPFCGGTLLGDQWVLIVGGKAVDPGTWPHQASLSSGSHSCGAVLISSRWLELVIGGGRPANRGGWPWAALLSSGSHSCGAVLISSRWLELVIGGARFCHPNSOPWQAGIFYYRIICGGATIVSDRW	LTA
UniRef90_UPI0003F1637C	RVVGGQ PGNSPWTVSLRNGQHFCGGSLVKEQWV	LTA
UniRef90_B0WE23	RVVGGKAAKFGEWPWQVLVRESTWLCGGVLITNEYV	TA
UniRef90_V8PE15 UniRef90_I3JPK6		LTA
UniRef90_K0RHE7	KI I G G S V VE D G K Y S Y L A S I Y F T S H F C G G S L V A P D L V	LTÂ
UniRef90_Q868H5	KLVGGRPAMRGGWPWMAMLHRRGPFCGGTLLGDQWV	LTA
UniRef90_R7TK33 UniRef90_J3RY93	I V G G K A V D P G T W P H Q A S L S S G S H S C G A V L I S S R W L E L V I G G D E C N I N E H R F L V A L Y D D R F L C S G I L L N E E W V	VTA
UniRef90_L5MHV4	RTI GARECHPNSQPWQAGLFYYRLLCGATLVSDRWL	LTA
UniRef90_H9JGM1	RIV VIG GIVIS A KLIG D F P WMV NIL IG Y K R WLIC G G SIL I T S R H V	LTA
UniRef90_E9HJW7 UniRef90_E3M4B1	RILI GGTETRPHAWPWTVQILIRI IGOHRCGGSI I IDAN FIV	LTA
UniRef90_W5MRI7	V V G G E K G K K G H S P W Q V L L I N G K F H C G G V L I D N S W V	LTA
UniRef90_Q5TRH6	DRVVNGQEALPGQFPYQVALLDGTALCGGSVLTRNFI	LTA
UniRef90_A8CW51 UniRef90_C3YE72	R T I G A R E C H P N S Q P W Q A G L F Y Y R L L C G A T L V S D R W L R V V G G V S A K L G D F P W M V N L G Y K R W L C G G S L I T S R H V R I I N G K Q S K P G A W P W Q V S L Q F V G H W C G G V L L N D F W V R L I G G T E T R P H A W P W T V Q L R L G Q H R C G G S L I D A N F V V V G G E K G K K G H S P W Q V L L I N G K F H C G G V L I D N S W V D R V V N G Q E A L P G Q F P Y Q V A L L D G T A L C G G S V L T R N F I R I V G G D T A L H G A W P W Q V Q F R S G T P F C G G T L V A P E W V E R I V G G C V S R P Y S W P W Q V S L R T S F F G G G S L V S K P W Q V R I V G G C V S R P Y S W P W Q V S L R T S F F F G G G S L V S K P W Q V R I V G G C V S R P Y S W P W Q V S L R T S F F F G G G S L V S K P W Q V S R P Y S W P W Q V S R T S F F F G G G S L V S K P W Q V S R P Y S W P W Q V S R T S F F F G G G S L V S K P W Q V S R P Y S W P W Q V S R P S F F F G G G S L V S K P W Q V S R P Y S W P W Q V S R P S F F F G G G S L V S K P W Q V S R P Y S W P W Q V S R P S F F F G G G S L V S K P W Q V S R P S S G T P F G G G S L V S K P W Q V S R P Y S W P W Q V S R P S F F F G G G S L V S K P W Q V S R P S S G T P F G G G S L V S K P W Q V S R P S S G T P F G G G S L V S K P W Q V S R P S S G T P F G G G S L V S K P W Q V S R P S S G T P F G G G S L V S K P W Q V S R P S S G T P F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P W Q V S L R T S F L F G G G S L V S K P W Q V S L S L R T S F L F G G G S L V S K P L T S G T T S T T T T T T T T T T T T T T	LSA
UniRef90_U6JTA6	ERI I G G Q E A K P G S W P W Q V D L Q L S G H M C G G A I L N S Q W V	I T A
UniRef90_H3BEH8	KI POODING KI I O III WALLOLD KI O O O O O O O O O O O O O O O O O O	ñΓ Í Ľ Ľ
UniRef90_B4MLM5	D R F G G N V G N P H C F P Y Q V G L Q R G L Y W C G G S L I S E Q Y V	L T A

UniRef90_UPI0003FCFE6D UniRef90_P42276	50 70 A H C T I N R S A V R V V A G R E D K N G T A G V V A S V T S I A H C L Q S V S A S V L Q II R A G S S Y W S S G V T F S V S S F	80 WNHPDYRS KNHEGYNA
UniRef90_Q98TT5 UniRef90_G1ND19 UniRef90_F1NFQ7	A H C T N R S A V R V V A G R E D K N G T A G V V A S V T S I A H C L Q S V S A S V L Q I R A G S S Y W S S G V T F S V S S A H C D R G P M H I F L G M H S L K A P K E D E Q K R I A K E K A H C F D H A T P D T P W H H D L K R L G P E A V V R N V V R I A H C P V P R R E P S V R V H S L E Q P E E S Q Q V F G V E E S A H C A S G I S R F T A Y A Q N L Q V S E S G R L V I S T T S K A H C L E D S L T F R V R D Y E R L R A E G T E V T L K V T K T A H C L E D S L T F R V R D Y E R L R A E G T E V T L K V T K T S H C L E K R P R F G E P T I D P K V K D G A N P V D L D I Q N I G H C I K R P R F G E P T I D P K V K D G A N P V D V R L K Q I A H C V D H P M V F R V V A G D H N L G K E E G T E Q Y M E V D A H C V D L S G P I A G I D K N K V L Q M E L H H E A I Y E H Y A H C V D L S G P I A G I D K N K V L Q M E L H H E A I Y E H Y A H C V D L S G P I A G I D K N K V L Q M E L H H E A I Y E H Y S A H C V R A S K A H R Y Q I W D W I K P N A E I V V I E F V E K I	I P H E Y Y H R
UniRef90_A8CYP1 UniRef90_H2SA40 UniRef90_UPI0003F12E1C	A H C L E D S L T F R V R D Y E R L R A E G T E V T L K V T K T A H C M E N T K K V R L G E Y D L R R W E N W E V D L D I Q N I	F K H P K Y N R L I H P N Y S K
UniRef90_I4DMI4 UniRef90_I3MD53 UniRef90_G2GA55	3	
UniRef90_E4X9T4 UniRef90_UPI00046BF45A UniRef90_UPI0003C9201B	A	Y D
UniRef90_H0W3S5 UniRef90_Q9PSN3 UniRef90_A6ANQ8	A H <mark>C</mark> FHNKSQALEDYQLYKQTQHTQKIPLSRII A HCNMSNIYIYIGMHNQSVQFDDFFRRYPKFK	THPDFEKF YLFR <mark>C</mark> SKN H <u>ESY</u> SKEP
UniRef90_H0XFZ4 UniRef90_Q54168 UniRef90_C6WEQ2	A H <mark>C</mark> F I	KIVI () A P (; Y
UniRef90_W4XBC8 UniRef90_F6U0E9	A	A HPDYDS LVHPNYSK
UniRef90_UPI00042C64EB UniRef90_K7J4L2 UniRef90_B3M605	A H C F K G H L N K P G A W Q L G N P G P R S Q E V G I A W V C A H C F A N K K G L A I R T G S K F R S E G E I H E I E K V H H C V I G S A G K Y R I R A G T M Q V N R G G Q L R D V K L I	VIANAGYND
UniRef90_Q8I8E2 UniRef90_Q5I8R5 UniRef90_G3HIM3	G H C T D G A T S F E V T V D F D S Q T D D G R V V L T A T E Y A H C N I G W S A S V H R H D L N E K A E K E S G S N H K I I E G H C I S S S L T Y Q V V L G E Y D R E Q V I P I N A E D L F V	R I S H P Q Y D H P K W N P K C
UniRef90_UPI000258F92B UniRef90_E2AEA4 UniRef90_UPI0003C12C7E	GHCVAYPSRQVNDKTGMGYNFYKGPGVSMMTN AHCVESGSTFYVRTGSVDHAKGELHYVKQVYI BHCFDSPHHVTLGDFDKLHREVHEQKILVDRV	HPNYSGKQ VLHPNYNP
UniRef90_W5K694 UniRef90_V9KFK2 UniRef90_A7SNJ9	A H C L Q E T P D H V T I G D Y D K L R P D E G E K I S V Q M V A H C F K R H Y F V R V G D Y H T G V E D E Y E R E V P V E R I G K I G S E Q D F R I Q R I F A H C V R K V L Y V R I G E H N L D F I D G T E V Q L R V A K S A H C Y S W F T K N K P S K H S L S K D E D S R Q I L N L K K I A H C V A N L N R P D S M R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C Y A T T R N S N S W R H T L R T K D K H E R V Y K P E R I C	'
UniRef90_B4N346 UniRef90_UPI000444729B UniRef90_T1IGA4	A	S F K H P N F D K I P F S K F T S V I H P H F R R
UniRef90_W5JDS1 UniRef90_M7AQW0 UniRef90_UPl0004405229	X X X X X X X X S R G T S S G H E Q F S A A Q A [P H P G	SFHALTAGS
UniRef90_A0A026WJK5 UniRef90_U3KZH4 UniRef90_B4PPJ3	A H C T Q A V P S Y G V F K H N I K T S E N N E Q V I E V N N Y A H C V M D S R G N R E H K L N D D N D G A R P V D Y L V R E I A H C V S G V P H R K V K V G G T S R Y R N D G E V E S V A D V	TEHEQYRG RSHPGFVS
UniRef90_Q5MGE3 UniRef90_UPI0002C46899	A H C T Q A V P S Y G V F K H N I K T S E N N E Q V I E V N N Y A H C V M D S R G N R E H K L N D D N D G A R P V D Y L V R E I A H C L S G V P H R K V K V G G T S R Y R N D G E L F S V A D L S H L F D H Y K S T Q L L D R F K E T E P L Q H V E R T I E E L A H C F K G R L N K P S Q F S V L L G V W Q L D N P G L R S Q K A H C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L K I V T G S N D Y T K P G A E Y L V D A A C M E W P L Q Y L X M E W P L Q Y L X M E W P L Q Y L X M E W P L Q Y L X M E W P L X M E	HLYPSYNK VGIAWVQP
UniRef90_B4N9L5 UniRef90_U5A492 UniRef90_UPI000388ABDD	A H C R V K W S K G I H N I R K K E P R E P W S Q K I R V R R V	VIRHPKYNK
UniRef90_UPI0003F11552 UniRef90_C3ZQT9 UniRef90_S9XB36	S C F K T WPL I T Y T V R V G T L K A E D P N E G W Q Y Y V S A H C V H D S P N P G S W T H E Q G E N T E H L Q S R D V D R I A H C I G R M K V P H A R F R V Q L R E Q H L Y Y Q L P V S Q I A H C F F D G S Q T R L Q R D T N N T D P D R E Q L F S V E K L	I L H E R Y D T I P H P N Y Y L
UniRef90_M4A7Q1 UniRef90_UPI0003C4A65D UniRef90_F6QE03	A	VV Q H P D F N N I H F K Y I R F
UniRef90_H2TSM7 UniRef90_B0WJE8 UniRef90_Q9D9M0	AHCFPNPSDVSSYI TYVGRHQLNGFNFHDSSF CAQGKATTDVLVI VGTNRVDALAVPRHTVDRI SHCFDQLNNSKLEI IHGTEDLSTKGIKYQKVD AHCFNNYQFSTGGHQSADTGESTRQTFRAQKI	R
UniRef90_W4XDY0 UniRef90_G2YX59 UniRef90_Q32NG3	A	
UniRef90_L9LD13 UniRef90_UPl0003338027 UniRef90_Q7PNR7	A H C F P R S A R A R G A G	APPS
UniRef90_W5U9B9 UniRef90_F1NDZ1 UniRef90_Q9VS87	A	_VI_NPHYNK
UniRef90_G3REU5 UniRef90_F6R8M2 UniRef90_E0W3U8	AHCFQRSTNPSDYRILLGYDQQSHPTEHSKQM AHCVDTVTSYRVVVGDHNIYQNDGTEQYISVS DVVVGVGHVHLDNQTFYEVEKN AHCGVRTSDYVVLGAHDRSALGEPVQKMQIEK	TVSKIMVH
UniRef90_UPI0003C14502 UniRef90_UPI000441FDA6 UniRef90_B4IY25	A H C G V R T S D Y V V L G A H D R S A L G E P V Q K M Q I E K A S C V Y G F D S I E K Y T V L L G A R Q L L N L S R N V Q L Y A H C L H K I P K E K I F Y N T H E L N E T R L R D F R V G N N A H C M T Y A T F Q V V A G A H S R T D K S A T Q V R K G S R C	VVNSNYNS PLQKILIH
UniRef90_B4LUQ8 UniRef90_UPl0003F1637C UniRef90_B0WE23	AHCMTYATFQVVAGAHSRTDKSATQVRKGSRC QQCFSS <mark>CH</mark> MSLLGYEVWLGTMFQNPQPGEPGL	QRVSKMVC
UniRef90_V8PE15 UniRef90_I3JPK6	QQCFSSCHMSLLGYEVWLGTMFQNPQPGEPGLAHCQPGFLASLVAVFGEFDLSSDLEARNVKRVAHCNITKNTEVILGINSEKDTTKQV FKINKFAHCLWFFLRVGEHDVNQDEGPERDHEVAERHPAHCAGYATQIELGRYDKGVAMSGDAERIEVFEAHCLVSPVTSDPLKHKARDKDTTEQTVQVAQI	HHMYDFKN
UniRef90_K0RHE7 UniRef90_Q868H5 UniRef90_R7TK33	A HCLVS PVT S DPLK H K A R D K D T T E Q T V Q V A Q L A HCLVS PVT S DPLK H K A R D K D T T E Q T V Q V A Q L A HCLVS Q D R E T R R E G N PLVY A V E S V T R H P S	AAHPAFNF
UniRef90_J3RY93 UniRef90_L5MHV4 UniRef90_H9JGM1	A HCI V L G Q H D R E T R R E G N P I V Y A V E S V T R H P S A H C D R R N I R I K L G M H S K T V P N E D E Q T R V P K E K A H C Q R P Y L W V R L G E H H L W K W E G P E Q L F R V T E F A H C M H N H D D D L Y L V R V R D D E G A T P V D V L I K T K	FPHPGFNQ IKHEQYDA
UniRef90_E9HJW7 UniRef90_E3M4B1 UniRef90_W5MRI7	A H C M H N H D D D L Y L V R V R D D E G A T P V D V L I K T K A H C I S N D A F N Y P F S A L W T A V V G E H Q R I M I D K II A H C F A K D R R P T S Y S V R V H R S G S G S P H R V T A V S A H C K G S R Y H V R L G D Y E R Y R D E Q T E V T V E L S Q F	I H P H Y N D
UniRef90_Q5TRH6 UniRef90_A8CW51 UniRef90_C3YE72	A	RRHPEYDD HAHTSYND HP
UniRef90_U6JTA6 UniRef90_H3BEH8 UniRef90_B4MLM5	S	RDIVIISII LIKG

	00 100 110	120
UniRef90_UPI0003FCFE6D	90 110 Y L I G E D V S V L T L D R D L P Y E T L P L A T P A D T A L Y E A G T	TSKV
UniRef90_P42276	NT M V N D I A I I K I N G A L T F S S T I K A I G L A S S N P A N G A Y T K W N D I M L I K L D S P V N N S A H I A P I S L P S N P P S V G S N T M A N D I A L L E L D Q P V H C S Y Y I Q L A C V P D A S L Q V S E	AASV
UniRef90_Q98TT5 UniRef90_G1ND19	Y T K W N D	L T D C
UniRef90_F1NFQ7	RIVDNDII RMILIRILIN <mark>H</mark> IAILINAFIVKRII IRILIPRPRII IDILIKP	GTLC
UniRef90_A8CYP1	NTLSNDI AVI NLNQDVALSSYI QTI RFASGSATYAGRSVDNDI SLLRLETPAPLSDYI VPVCLPGRHNKNGT	
UniRef90_H2SA40 UniRef90_UPI0003F12E1C	R S V D N D I S L L R L E T P A P L S D Y I V P V C L P G R H N K N G T S T S D S D I A L L H L A K P A I L S Q T I V P L C L P D S G L Q V G Q P Q R Y N D I A L L E L E E A V K F N N N V R P A C L W P K P D F G S Y D S K D H D I A L L R L T Q S V T L N S Y V Q L S A L P G L L R N K Y	D F M V V
UniRef90_I4DMI4	PQRYNDIAL LELEEAVK FNNNV RPACL WPKPDFGSY	Ž Q K Ğ İ
UniRef90_I3MD53	DSKDHDIALLRLTQSVTLNSYVQLSALPGIILRNKY	' P C S I I
UniRef90_G2GA55 UniRef90_E4X9T4	A T A G D D V A V L T L S A P M P Y T P A P Y V G A G Q T G V Y A A G T G S L V N D I A L I R L K K A V K L D D S T N V V C L P E K N E R V P S	T A R <u>II.</u> S G T E <u>A</u>
UniRef90_UPI00046BF45A	ROHYHDI GI I QI KKAAKETSHVAPI <mark>C</mark> I I EQI DI VPE	FYWI
UniRef90_UPI0003C9201B	TTYQND A L_ K K <u>K</u> P L SRKQ <mark>C</mark> E L PNS P <u>A</u> C V PWSPY	LFHS
UniRef90_H0W3S5 UniRef90_Q9PSN3	H P F G S D A M L Q L H L P V N F S H Y V I P A C L P L P D M Q L P P F T K W D D I M L I R L N K P V R N S E H I A P L S L P S S P P I V G S	SVCRV
UniRef90_A6ANQ8	IVIS N DILIAIL LIEILIA O A P S E S KIVITIL VID G Y A R G NILIAIVIG OIV L	TVMG
UniRef90_H0XFZ4 UniRef90_Q54168	HDGRNDLALLREASSVTYNKYLKPLCVLSSTSMFQHNGSGKDWALIKLAQPLNLPTLNLATTTAYNSGTFTV	RKD <mark>C</mark>
UniRef90_C6WEQ2		11 (2 1 A
UniRef90_W4XBC8	ETTANDI GITKEKTPÜKEVNDYI SPICLGVHDDYT Q STTDNDI ALVRLAQPATLSQTI VPVCLPDSGLAERE EGARADI ALVRLEHALQESERILPI CLPDSSI HLLP	Q Y K T <mark>C</mark>
UniRef90_F6U0E9 UniRef90_UPI00042C64EB	STTDNDIALVRLAQPATLSQTTVPVCLPDSGLAERE EGARADIALVRLEHATQFSERILPICLPDSSIHLLP	D T N C
UniRef90_K7J4L2	TILNNDI SLILLKNPLRFNANQKAI ALSFRQPQLGD	KÜTÜ
UniRef90_B3M605 UniRef90_Q8I8E2	S T T D N D I A L V R L A Q P A T L S Q T I V P V C L P D S G L A E R E E G A R A D I A L V R L E H A I Q F S E R I L P I C L P D S S I H L L P I L N N D I S L I L L K N P I R F N A N Q K A I A L S F R Q P Q I G D Y T M R H D L A L M K V K K P F K F N S C L R P V K L P S P K I T K F P T F A T N D V A V V K L P K P V E F N D R V Q P V E L P T G S D N Y A D L N D D S S N D V S V W K I A A P G N K T S G I V L D S G K V S S E D G V S C G N D I A L V K L S R S A Q L G D T V Q V A C L P P A G D I L P N S C S C S D N Y A D L N D S C G N D I A L V K L S R S A Q L G D T V Q V A C L P P A G D I L P N S C S C S D S C S C S C S C S C S C S C	STEV
UniRef90_Q5I8R5	LNDDSSNDVSVWKIAAPGNKTSGIVLDSGKVSSEDG	ĠŦ <u>ĽĽĸ</u>
UniRef90_G3HIM3	VS CGN DIALVKLS RSAQLGDTVQVACLPPAGDILPN	I G A P C
UniRef90_UPI000258F92B UniRef90_E2AEA4	KPTINDIGLLHMPRNIPFAENIQSIQLAGSSYLEDS KDAWRCDAAVVVVLTKAIQYNSYQRPIPLADSPPATG	FVNR FVCT
UniRef90_UPI0003C12C7E	VNYDNÖTALVQLKGTATŸSDYVTPLCLPNSHLARMN	Í T Ľ Ġ M
UniRef90_W5K694 UniRef90_V9KFK2	Y T F D S D V A L L I Y L S Q P V E F S S V A S P A C L P N A A L A Q V L D S S D N D L A V V R M K C R E C H C V T E N O V T M P V C L D D L N B	. M M N G R Q A <mark>C</mark> F
UniRef90_A7SNJ9	VQYANDII ALLLLDRPARLDRYTNLACLAPRSSPLPD	G T R C
UniRef90_B4N346		NVEC
UniRef90_UPI000444729B UniRef90_T1IGA4	D G P H S N DIL ALL I KV K A S S F N S F V Q P I CL P F N S I T P Q F	GEWC
UniRef90_W5JDS1	SDFRNDIALVKLDRKVVFRQHI LPVCLPPKSVKLVG	SKMAT
UniRef90_M7AQW0 UniRef90 UPI0004405229	R D Y E N D V M L L R L S P P A V Y T D Y V Q P L A L T D S C P T A G T E T N E N D I A L A Q L A T R V E F S I V V X R V C L P D S S I K L L S	LCTV
UniRef90_A0A026WJK5	ETNENDI AL AQLATRIVEFSI VVXRVCLPDSSIKLLS GVGPYDI ALIKLKSPLTLTNDVQTI ELAEAESDPTG RTYKNDI ALLVLDRTVSFNDFI RPI CLPYQNL VDRS	SNAFL
UniRef90_U3KZH4	RTYKNDI AILVLDRTVSFNDFIRPI CLPYQNLVDRS KTMDYDI GIIRLTKNLTLSRKVKAIPI NPKKVA AGT	AFVA
UniRef90_B4PPJ3 UniRef90_Q5MGE3	RTYENDI ALI IKESAVPI ORHI RPVCI PAKVRDYDRE	YATI
UniRef90_UPI0002C46899	HPMYSWI ALVIRLERPII OFSERII LIPII CLIPDNSIVHFPP	NTDC
UniRef90_B4N9L5 UniRef90_U5A492	PAYHNDIALIHTAKPIVFDSVTQPIKLASKGPSAGD NSAATSNDIALIELVEKPVESVVNLVDGYVRGNLND) K LL I LL I
UniRef90_UPI000388ABDD	M T Q N N D L	/ G T R C
UniRef90_UPI0003F11552 UniRef90_C3ZQT9	KETTADI ALLKLYSSVTFTSLVLPI CLPNIKKHLSI IRTDFDI AVMELSSEVNITDHVYPVCLPGEDTEFPV VENGADI ALLELEDPVNISSHVHPVPLPPASETFRP STYDNDI ALLKI SNTKGQTASVRTVCLPPLNTYLPV	PAS <mark>C</mark> GTNC
UniRef90_S9XB36	I R T D F D I A V M E L S S E V N I T D H V Y P V C L P G E D T E F P V V E N G A D I A L L E L E D P V N I S S H V H P V P L P P A S E T F R P S T Y D N D I A L L K L S N T K G Q T A S V R T V C L P P L N T Y L P V	GSOC
UniRef90_M4A7Q1	SIYDND ALLLKIISNIKGQIAS VRIV <mark>C</mark> LPPIINIYL <u>P</u> IV	G F T C
UniRef90_UPI0003C4A65D UniRef90_F6QE03	E N Y D N D M L L <u>K M T H G A D L N E W V G T L P L P E A N D H L L P</u> G K H S Y D G L I L L D E P I K F N D Y T Q R A <mark>C</mark> L P S A S L N V A Q	OKTNC
UniRef90_H2TSM7	PHSGQDVALVELSTPLTWSDYASPICLPSSGTLFPS	G M Q C
UniRef90_B0WJE8 UniRef90_Q9D9M0	NVIY ANDVIAV LIRIV LIRIP FILIF SESII QPILIT LIGSDNVIE AES	NAVA
UniRef90_W4XDY0	LSSSNDHAL IKLDGQVTYDTYSSPACLAESRPSDGT	MAYV
UniRef90_G2YX59 UniRef90_Q32NG3	STTNNDII AL WHILISTAILIPASSTII GYAKILIPVQGSDPIVV	∐G S T T
UniRef90_L9LD13	AVVDYDISVVELSEDVNETSCVRPVCLPGPGQSVDP	D T Y C
UniRef90_UPI0003338027	PTERAVILPLRRTPGHPMPSLPLSVPLPEWRPLQGV	ZR VP
UniRef90_Q7PNR7 UniRef90_W5U9B9	G K H S Y D I G L I L L D E P I K F N D Y T Q R A C L P S A S L N V A C P H S G Q D V A L V E L S T P II T W S D Y A S P II C L P S S G T L F P S N V Y A N D V A V L R V L R P F I F S E S I Q P I T L G S D N V E A E S D D W L L D N D I A L L L K S P L N N R I P II C T S E I S D I Q A W R L S S S N D II A L I K L D G Q V T Y D T Y S S P A C L A E S R P S D G T S T T N N D II A L I K L D G Q V T Y D T Y S S P A C L A E S R P S D G T S T T N N D II A L W H L S T A L P A S S T I G Y A K L P V Q G S D P V V S D Y P N D V A L L E L S R K V S F T N F I L P A C L P T P S T E F L P A V V D Y D I S V V E L S E D V N E T S C V R P V C L P G P G Q S V D P P T E R A V I L P L R R T P G H P M P S L P L S V P L P E W R P L Q G V H H M S N D II A V V V L K T P V R F N D Y V Q P II C L P A R D A P Y L P T S N D A D II A L L H L R R N I S L G P Y V V P I C L P P A Q G T F G R V T K D S D I A L M H L Q Y E V Q Y T D M K V G K L C W E N M L L I P C Y T M K N D L C M M K L K T P L N V G R C V Q K V K L P S T R T K R F Q	RTRTS
UniRef90_F1NDZ1	VTKDSDIALMHLQYEVQYTDMKVGKLCWENMLLIPQ YTMKNDLCMMKLKTPLNVGRCVQKVKLPSTRTKRFP	ELLR
UniRef90_Q9VS87 UniRef90_G3REU5	HRMGIDIITL LQLHRHVEFSSHI LPACLPEPTTWLAP	DSSC
UniRef90_F6R8M2	NRNNYDIAVLHLASSAALNSYVQLANLPADGAVLAH	NYAC
UniRef90_E0W3U8 UniRef90_UPI0003C14502	P S T N N D	KNIVII A GMI <mark>C</mark>
UniRef90_UPI000441FDA6	PNYQGDIAL LKLASPIRFTSLILPVCLPHSYDEFSN	INPN <mark>C</mark>
UniRef90_B4IY25 UniRef90_B4LUQ8	VT Y E N D I A I I R I E R P T L F N S Y I WP I C M P P L N E D W T G G V G P Y D L G L I F L E E P F D L T V P V S T I S V A T N Q F T A N T	RMGI
UniRef90_UPI0003F1637C	GPSGSQLALLKLERPVTLNQYVALICLPPERYVVPP	ETKC
UniRef90_B0WE23	ATFENDLAILELESPLHYDVHIVPICMPSDEADFTG	RMAT
UniRef90_V8PE15 UniRef90_I3JPK6	A T K E N D I M L L Q L N K Q A K L D K N V A L V K L P R V Y G D L K A S P Y N H D I A L L K L G S P V E L S N K R R P I C L G P K D F I Q N I	VRES
UniRef90_K0RHE7	NNVNNDFMI I KL VE PSTRHNLVSLNTDPNVPNTQGE	KLQŬ
UniRef90_Q868H5 UniRef90_R7TK33	T T S <u>L A</u> D I <u> A L K L A S P A R L </u> N P Y <u>II T P II C L L </u> S E E E A T A T F P N D V G V R L A Q D V V L D Q F T Q P II R M A D S D A P D F T G Q	L V P G
UniRef90_J3RY93	YT WD K DI ML I RLD S PVS N S E H I A PL S L P S S P P S V G S	Ž <mark>Ž R</mark> İ
UniRef90_L5MHV4 UniRef90_H9JGM1	DDHNNDI MLIRLPRKĀRLGPAVQPLNI SET <mark>CV</mark> SPGT ASYTNDI GILVLEKDVPI TDLIKPI CIPKDTEFEDY	QCLI
UniRef90_E9HJW7	YHHDIALMKIQKSESQNVTDRIRGICLPTDDNVEIF	QGVR
UniRef90_E3M4B1	FPSSYDFAIMRIHPPVNASTTARPICLPSLPPIENR	S [C i À
UniRef90_W5MRI7 UniRef90_Q5TRH6	A T F D S D	
UniRef90_A8CW51	TTYDYDFSIFELNDALALDNVVRLSELNEYLPNGSN	ILTIS
UniRef90_C3YE72 UniRef90_U6JTA6	G D T D T E <u>A V A</u> S V Q K T S N F V N F A <mark>C L E D N E T T R F D E N S</mark> F N R D D L T L L K L N A P L N <u>F</u> T D Y Q P V <mark>C L P P K N <u>K</u> Q L P V</mark>	Y <mark>C</mark> F T
UniRef90_H3BEH8	PNRSD I ALLKLNRPVTLTDQVLPVCLPNYMLPSGA	ZECYV
UniRef90_B4MLM5	KRLKDDII AL VRLPHAVSFNERI HPI QLPKRHYEYRN	I F K N K

June June		130 140 150 160
JARGEBOO GOSTTO M G W G S IL S P N IV T H P G V P H R N N I N I N I D D Y E G R A T K P E L P A K S N I A MARKED CHINGS JARGE D H N G W G S IL S D T S G W G R T S D T S G W G W G T S D T S G W G W G W G W G W G W G W G W G W G	UniRef90_UPI0003FCFE6D	L G W G A T S S G G A A S R Y L L E V D V P V T S D A T C A G A Y S Q Y N S T A
JAMERSON DENOMALY VIN.S. G. W. G. F. M. G. E. Y. Y. B. W. L. Q. E. A. M. Q. L. J. D. L. M. L. B. N. S. S. R. W. Y. A. G. A. M. J. S. N. MARROSON DENOMALY JAMERSON DENOMALY JAMERSON DENOMALY S. G. W. G. W. G. R. W. S. S. S. S. L. L. W. Y. R. G. W. Q. W. Y. B. M. Y. J. W. Y. B. W. Y. B. W. Y. B. G. W. G. R. W. J. S. J. J. J. W. J. W. J	UniRef90_P42276 UniRef90_Q98TT5	MGWGSII TSPNVTII PGVPHCANI NII LDYECRATKPELPAKS
June June	UniRef90_G1ND19	Y
Junkelson Dispose S C W G K E IN LE S S R E S S ALL IN LY IK V P IL V		SIV VIG WG DILIS N Y G E R PILIQIL ME A N T TILI VIK R CRTILIWK G RIVIS G N RIVIS G WG R T S D T S GIVIS N TILIN Y A DILISIL LT N TIVI <mark>C</mark> A O T F G NILL VI
Jinkelson J. 1900. 4 T. G. W. G. Y. I. D. P. D. T. O. T. S. N. E. I. D. G. W. S. I. S. I. D. T. N. R. Y. G. R. P. I. J. I. K. B. N. R. Y. J. M. R. S. J. S. J. R. S. J. S. J. R. S. S. J. S. S. J. R. S. S. J. S. S. S. J. S. S. S. J. R. S. S. J. S. S. S. J. R. S. S. J. S. S. S. S. J. R. S. S. J. S. S. S. S. S. S. S. S. J. R. S. S. S. S. S. S. S. S. S. S. S. S. S.	UniRef90_H2SA40	S G W G K E N L E S S R F S S A L N V I K V P L V D T D T C R G Q M Y Y N I T S
JAMESSON JUSTONS SALVEY JAMESSON JUSTONS SALV	UniRef90_UPI0003F12E1C	T G W G Y H N E A K S N R T F V L N F I K I P M A P R N E <mark>C</mark> I Q V M D N V V S E
JARREND GESCASS J. G. W. G. T. T. S. E. G. G. G. S. S. A. R. L. R. T. G. J. W. P. T. V. J. D. A. D. G. M. R. S. Y. G. S. D. M. R. S. J. W. G. S. D. M. R. S. J. W. G. S. D. M. R. S. J. W. G. S. D. M. R. S. J. W. G. S. D. M. R. S. J. W. G. S. D. M. R. S. J. W. G. J. W. R. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. G. J. W. R. J. W. J. W. R. J. W. G. J. W. R. J. W. J. W. R. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. J. W. J. W. G. J. W. J. W. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. G. J. W. J. W. J. W. G. J. W. G. J. W. G. J. W. J. W. J. W. G. J. W	UniRef90_I3MD53	T G W G R T R T E G Q IL IA Q T IL IH Q A P M P T IV ID H A T C S H P S Y W G S A IV IK
JARRIEGO DIPOLOGO 468P45A JARRIEGO DIPOLOGO 468P45A JARRIEGO SENDO DIPOLOGO 468P45A JARRIEGO CAPSTAN M. G. W. G. T. T. S. P. N. E. T. L. P. D. Y. P. F. S. N. S. L. W. Y. S. Y. P. P. W. R. E. T. V. D. E. E. R. S. L. W. P. L. W. R. S. Y. W. R. L. W. Y. S. Y. P. J. W. R. S. Y. W. R. S. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. R. L. W. Y. W. W. R. L. W. Y. W. W. R. L. W. Y. W. W. R. L. W. Y. W. W. R. L. W. Y. W. W. R. L. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. R. L. W. W. W. W. W. R. L. W. W. W. W. W. R. L. W. W. W. W. W. R. L. W. W. W. W. W. W. W. W. W. W. W. W. W.	UniRef90_G2GA55	LGWGTTSEGGGSSARLRTATVPTVADADCARSYGSDFVRS
JARRESO LIPIDO03C93018 OV Y S G W G R E K D N O K LY Y T L L Q W M MY N L L E W S S R F Y L D R E Y K R M R M R M R M R M R M R M R M R M R	UniRef90_E4X914 UniRef90_UPI00046BF45A	S G W G L T N H S D S N S H S N I K M K V S V P P V P H L N C S L K Y Q S V D M
Junkelph Junkelph	UniRef90_UPI0003C9201B	CIVIVIS G W G R E K D N O K IVIVITI I I O W G M IVINII I I E N C S R E V H D R E V K R
Junkelph Junkelph		MG WG T T S P N E T L P DIV P R CIVINI INLIF N Y T VIC R GIVIF P R L P E R S
Junkeley C54468	UniRef90_A6ANQ8	WGDQNPSEEELISQISELIHKVNVPLVDQDQCIQVPHDGYFC
Junkerson Criwedos Junker		ANREGGSOORYILIKAQVPEVSDAT <mark>C</mark> OOSYREILIPSEEM <mark>C</mark> A
Junkergo (Jeboba) Junkergo (Jeb	UniRef90_C6WEQ2	F G W G R T S E S G S T S P IV L IR K IV IS IV IP IL IQ T N E IV I <mark>C</mark> A A A Y P G Y Y Q S S
Junkengo U-Plo0042C64565 WIL A G W G S LI H D G (W) F LIP H P D T L D K W M G A G G G A L T E L D M G M G M G G G A L T E L D M G M G M G M G G G G A L T E L D M G M G M G M G M G M G M G G G G G G		YIII GWGH I GGAVSD I LQEA I VNLF NHSE <mark>C</mark> QERYYDRPII I P GOETI VITGWGYOSSREKDPKRNRTEVI NEI KI PV VPRNE <mark>C</mark>
Jinkengo Basheso	UniRef90_UPI00042C64EB	WI IA G W G S II I <mark>H</mark> D G IV IP IL IP H P Q T IL IQ K IV IK <mark>C</mark> S R IL IY W Q G A G Q G A II IT E
Junkeley O. 081862 VIS. G W.G. L. O. K. O. G. C. K. V. A. D. K. L. L. Q. Y. A. P. L. T. T. V. L. T. N. N. E. G. S. K. T. Y. S. P. L. V. V. K. Junkeley O. 081865 Junkeley O. 081865 Junkeley O. 081865 Junkeley O. 081865 Junkeley O. 181865 Jun		S G F G K E G E R R G P S S IV L K V A Q S P IV V D R R L C A A R H Q P D T I I
JUNESPO UPBLOGSC12C7E JUNESPO UPBLOGSC12C7E	UniRef90_Q8I8E2	VSGWGLQKDGGKVADKLQYAPLTVITNNECSKTYSPLVVK
Junkelgo Dellooco12c7 Junkelgo Dellooco12c7 Junkelgo Dellooco12c7 Junkelgo Dellooco12c7 Junkelgo Dellooco12c7 Junkelgo Dellooco12c7 Junkelgo Arskul Junk	UniRef90_Q5I8R5 UniRef90_G3HIM3	VIGWGTTTSGGDVSKVLLEVKVPVFNIDKCKKAYSTLDTA
Juriker90 (JMSK94) Juriker90 (JMSKK2) WIT G (W G N Z S F M G R S S R F II) D Q G E C M G S T S F M K F T S R M JURIKER90 (JMSKK2) WIT G (W G N Z S G G A S P N) V I M G A G V P L L TR. S G G W S S G A S R Y N K F T S R M	UniRef90_UPI000258F92B	MGILVIIGWGKDREIVIGTGTKRII IKYATII IPILIISNSR <mark>C</mark> SII IEWGII IT
Juriker90 (JMSK94) Juriker90 (JMSKK2) WIT G (W G N Z S F M G R S S R F II) D Q G E C M G S T S F M K F T S R M JURIKER90 (JMSKK2) WIT G (W G N Z S G G A S P N) V I M G A G V P L L TR. S G G W S S G A S R Y N K F T S R M	UniRef90_E2AEA4	ILIS G W G K T S T N G A IVIS P N L L IK M Q Q A IV I IS Q A Q C Q Q R H W G M P L D
Jinkergo	UniRef90_W5K694	Q R G L V T G W G A T S F M G R S S R F D Q Q E
Jinkel90 B4N346 Jinkel90 T11GA4 Jinkel90 T11GA4 Jinkel90 M70004447298 Jinkel90 M70004467298 Jinkel90 M7000447298 Jinkel90 M70004467298 Jinkel90 M70004467298 Jinkel90 M7000447298 Jinkel90 M7000446729	UniRef90_V9KFK2 UniRef90_A7SNJ9	II IT G W G D T G R S Y S R T II I I IO G A IV IP II I I R K O IV I <mark>C</mark> A S R Y R N K F T S R M
Jinkel90 (M7AQW) Jinkel	UniRef90_B4N346	TVIGWGKRSNRGTSVLRKADVPLIPMDNCRSVYQDYTITK
Jinkergo W.S.D.S.1 Jinkergo W.S.D.S.229 Jinkergo W.S.D.S.239 Jinkergo W.S.D.S.239 Jinkergo W.S.D.S.2444 Jinker	UniRef90_UPI000444729B	VIT G WG T L T P S D T L Q E V T V T V L N R K L C N S R N Y Y N H R P L I T K
Jinkergo UPI0004405229 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA026WJK5 Jinkergo USA028ABDD Jinkergo USA026WJK5 Jinkergo USA028ABDD Jin	UniRef90_W5JDS1	V A G W G R T R H G Q S T V P
Jinkergo Joaco Adoles Misson A G W G S T S K T R N P R Y P DIL L Q H A QUEY VID R T T C H T G S S P VIH E Jinkergo BAPPJ3 Jinkergo BAPPJ3 Jinkergo BAPPJ3 Jinkergo BAPPJ3 Jinkergo Joaco C A G W G F K S M N G P A S D S L R Y A R V P I V D Q A C R N IL L G K T V T D R Jinkergo L Poloco C A G W G F K S M N G P A S D S L R Y A R V P I V D Q A C R N IL L G K T V T D R Jinkergo Joaco L R G W G F K S M N G P A S D S L R Y A R V P I V D Q A C R N IL L G K T V T D R Jinkergo L Poloco C A G M H V A A G W G M M G M G M G M G M G M G M G M G	UniRef90_M7AQW0	MGWGTIITSPAETYPDVPQ <mark>C</mark> VDINIVSNTII <mark>C</mark> EVAYPEKVTE
JAINGRIGU JONIGES JAINGRIGU SAMUSE JAINGRIGU BANSIE JAINGRIGU BANSIE JAINGRIGU BANSIE JAINGRIGU SAMSSE JAINGRIGU JONIGOSTASSE JAINGRIGU J	UniRef90_A0A026WJK5	A GWGSTSRTRNPRYPDILQHAQLEYVDRTTCHTGSSPVHE
JAINGRIGU JONIGES JAINGRIGU SAMUSE JAINGRIGU BANSIE JAINGRIGU BANSIE JAINGRIGU BANSIE JAINGRIGU SAMSSE JAINGRIGU JONIGOSTASSE JAINGRIGU J	UniRef90_U3KZH4	G W G T T A F N G N F N P E L T E L Q L P L W T N E N C S R V F Q R E V P L T R A G W G F K S M N G P A S D S L R Y A R V P L V D O A A C R N L L G K T V T D R
Jinker90_UP1000384BDD Jinker90_UP1000384BDD Jinker90_UP1000384BDD Jinker90_UP1000381BDD Jinker90_UP1000381BDD Jinker90_UP1000384BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP1000364BDD Jinker90_UP100364BDD JINker90	UniRef90_Q5MGE3	I GWGQII I IEDGAQPDII LLIQAEIVIEIVI IN NII IQ <mark>C</mark> EN MFFQA <mark>H</mark> II IYA
Julikesion UP1000388ABDD Julikesion UP10003814552 Julikesion UP10003814552 Julikesion UP10003814552 Julikesion UP10003814552 Julikesion UP10003814562 Julikesion UP1000384A65D Julikesion UP100036A65D Julikesion UP100036A65D Julikesion UP100036A65D Julikesion UP100036A65D	UniRef90_UPI0002C46899	WI A G W G S I Y N G V P K L K V P I I D T N V C S R L Y W W G A G Q G A I T E
JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 SI A G F G K E A S Y S N Q L K Q A N V R L L S S T N K V C D D E Q Y H A G N L T D JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 SI A G F G K E A S Y S N Q L K Q A N V R L L S S T N K V C D D E Q Y H A G N L L T D JAIRGE9D_FEDGEO3 JAIRGE9D_SAYB36 SI A G F G K E A S Y S N Q L K Q A N V R L L S S T N K V C D D E Q Y H A G K V Y N D Y N P T JAIRGE9D_FEDGEO3 JAIRGE9D_SAYB36 TO SAY A G W G T L G E K D D I L Q E A G Q V F C M K S L E W Y N G K V Y P JAIRGE9D_SAYB30 JAIRGE9D_SAYB30 TO SAYB36 TO SAYB31 TO SAY	UniRef90_U5A492	LIVING WGDODASDRYSSKSEILIYOVNIVIPIL VINOYOCLISIVIPISG
JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 SI A G F G K E A S Y S N Q L K Q A N V R L L S S T N K V C D D E Q Y H A G N L T D JAIRGE9D_SAYB36 JAIRGE9D_SAYB36 SI A G F G K E A S Y S N Q L K Q A N V R L L S S T N K V C D D E Q Y H A G N L L T D JAIRGE9D_FEDGEO3 JAIRGE9D_SAYB36 SI A G F G K E A S Y S N Q L K Q A N V R L L S S T N K V C D D E Q Y H A G K V Y N D Y N P T JAIRGE9D_FEDGEO3 JAIRGE9D_SAYB36 TO SAY A G W G T L G E K D D I L Q E A G Q V F C M K S L E W Y N G K V Y P JAIRGE9D_SAYB30 JAIRGE9D_SAYB30 TO SAYB36 TO SAYB31 TO SAY	UniRef90_UPI000388ABDD	NVSGWGWMQVNPPKSSDVLQDEVMADEVCEHNLTKPYDAK
JAIRE690_SSY836 JAIRE690_MAYATO1 JAIRE690_FEQGO3 JAIRE690_FEQGO3 JAIRE690_FEQGO3 JAIRE690_FEQGO3 JAIRE690_FEQGO3 JAIRE690_GEDSWUE JAIRE690_GED	UniRef90_C3ZQT9	- WILLS GWGSILIAD GGKCILIO FAFIVIPIL VIDS LIVICIDD A LHYD GOILILD
JAIRE919 _ DPI/10032C4A650	UniRef90_S9XB36	WVTGWGNVASGQPLPPPFPLKQVQVPLVENSVCDEQYHAG
JAIRE690 _FGCE03 JAIRE690 _FGCE03 JAIRE690 _FMLZTSM7 JAIRE690 _BOWJE8 JAIRE690 _GOPSM0 JAIR	UniRef90_UPI0003C4A65D	SIVIA G W G R T GIVIN T S T D RITIQ F A F Q F IV V T IG DITI C Q K Q Y R H Y N P T
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Jinker90	UniRef90_B0WJE8	T G F G R T A L S D S T P A S Y L R Y V N L T N E E C Q E A F D D S Y Q E R L H
Jinker90	UniRef90_Q9D9M0	T G W G T N T S E K G V Q P T L Q A V K V D L Y R W D W C G Y L S L L T K
Jinker90	UniRef90_G2YX59	TVAGWTENGSTLPSTLRKVSVPVISRASCQAEYGTSAVTT
Juirief90_G3REU5	UniRef90_Q32NG3	UVTGWGALDVKSTKPRPVIHCKIFYSLLANNIIITESMVC
Juirief90_G3REU5	UniRef90_UPI0003338027	LLDSRACDRLYHVGSDVPRGERIVLPGNVC
JiniRef90 G3REU5	UniRef90_Q7PNR7	TJI S G W G A T E D S S Y D L R A G T V P L L P D S V C R R P E V Y G D S L I D V V S G W G R L S O H G P O S T V O R I E V P R V P II E K C R A H S G N M C
JiniRef90 G3REU5	UniRef90_F1NDZ1	STNWGELHFQVSSPTSNI LQENEKCQEWLPEYSISKNMIC
JniRef90_E0W3U8	UniRef90_Q9VS87 UniRef90_G3RFU5	A S G W G L JT S A N A Q N V Q R Y L L R IL V C K V S R A K C Q Q D Y R G T G L K L WILS G W G M V T F D V F IL P F P F O R O F A F IV G V M D N T V C G S F F O P O
JAIRE690	UniRef90_F6R8M2	II I IT G W G K T S N N G Q Q A P IL IP IV V IA H A T C S T G S Y W G S T IV IK S T M IV I
JniRef90_B0WE23	UniRef90_E0W3U8 UniRef90_UPI0003C14502	
JniRef90_B0WE23	UniRef90_UPI000441FDA6	WI VG WGDTGNNEPLS YPRNCNNFYNAVPFLDMEENDPVKP
JniRef90_B0WE23	UniRef90_B4IY25 UniRef90_B4I UQ8	VIMG WGTI INFSGPHSKIL IMEVINL PVIWK QSDCQAAFVDRII PDFGWGRDNSGSII PDKII OKI IDVIDLI IGYADCII DAI PRGNSII AD
JRIREF90_Q868H5 JDIREF90_J3RY93 JDIREF90_J3RY93 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV7 JDIREF90_E9HJW7 JDIREF90_E9HJW7 JDIREF90_E9HJW7 JDIREF90_W5MRI7 JDIREFPO_W5MRI7 UniRef90_UPI0003F1637C	E A G W G E S K G K T N S V L N V A L L N V I S N Q E C N I K H R G R V R E S	
JRIREF90_Q868H5 JDIREF90_J3RY93 JDIREF90_J3RY93 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV7 JDIREF90_E9HJW7 JDIREF90_E9HJW7 JDIREF90_E9HJW7 JDIREF90_W5MRI7 JDIREFPO_W5MRI7 UniRef90_B0WE23 UniRef90_V8PE15	V I G W G	
JRIREF90_Q868H5 JDIREF90_J3RY93 JDIREF90_J3RY93 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV4 JDIREF90_L5MHV7 JDIREF90_E9HJW7 JDIREF90_E9HJW7 JDIREF90_E9HJW7 JDIREF90_W5MRI7 JDIREFPO_W5MRI7 UniRef90_I3JPK6	TVSLVSGWGRIRFQTKLQKLEVPYVDRTKCKQSSRDHLTR	
JniRef90_R7TK33 JniRef90_J3RY93 JniRef90_J3RY93 JniRef90_L5MHV4 JniRef90_H9JGM1 JniRef90_E9HJW7 JniRef90_E9HJW7 JniRef90_E3M4B1 JniRef90_W5MRI7 JniRef90_Q5TRH6 JniRef90_Q5TRH6 JniRef90_C3YE72 JniRef90_C3YE72 JniRef90_C3YE72 JniRef90_H3BEH8 T G W G R L Y G Y G P L P N V L Q E A N L D V L T Q T Q C R R F W G N K L L G Y P F C A Q N I S L L E P R R C R L A Y P G Q L S K A G W G D T E F R G P S A T H L Q V L Q L P V V S N D F C A Q A Y S P Y K N Q K C L A T G W G Q S K K G N K L E N L L H Q T E L P V V E N S H C K Q V Y G T M F T G W G S T L E G S A V S A P S L R E L H V P L L S T L F C P N Y V G R L H L P JniRef90_Q5TRH6 S G F G R S D A S P Y P S S L R F T S N P L M S K A E C L V S W G F A L A Q JniRef90_C3YE72 JniRef90_H3BEH8	UniRef90_K0RHE7	RVT GWGHSDOGEL ANELREVEL PLVDT NT CNKTYDETVTS
JAIREF90_E9HJW7 JAIREF90_E9HJW7 JAIREF90_E9HJW7 JAIREF90_E3M4B1 JRINEF90_W5MRI7 JRINEF90_W5MRI7 JRINEF90_Q5TRH6 JRINEF90_Q5TRH6 JRINEF90_Q5TRH6 JRINEF90_A8CW51 JRINEF90_C3YE72 JRINEF90_C3YE72 JRINEF90_U6JTA6 JRINEF90_H3BEH8 JRINEF90_H3BEH8 A G WG D T E F R G P S A T H L Q V L Q L L Q L P V V E N S H C K Q V Y G T M F L P V V E N S H C K Q V Y G T M F L P V V E N S H C K Q V Y G T M F L P V V D Q Q K C M S S T T Q V V T D N W G F A L A Q D T K G P Q P D R L R F T S N P L M S K A E C I V S W G F A L A Q D J R N P T E S E E H L R A V S V P K L E Q L E C I A S Y L F S G F I T D J A V C N G L I S Y G R L T D T G W G M T R G S G K T D A L K Q V K M T V L D P A V C N G P F M P F N P N D N J N R G G G F G Y L K E T G F P V I E N K V C N R P E F L N G R V S N	UniRef90_R7TK33	T G W G R L Y G Y G P L P N V L Q E A N L D V L T Q T Q C R R F W G N K I L G Y
JAIREF90_E9HJW7 JAIREF90_E9HJW7 JAIREF90_E9HJW7 JAIREF90_E3M4B1 JRINEF90_W5MRI7 JRINEF90_W5MRI7 JRINEF90_Q5TRH6 JRINEF90_Q5TRH6 JRINEF90_Q5TRH6 JRINEF90_A8CW51 JRINEF90_C3YE72 JRINEF90_C3YE72 JRINEF90_U6JTA6 JRINEF90_H3BEH8 JRINEF90_H3BEH8 A G WG D T E F R G P S A T H L Q V L Q L L Q L P V V E N S H C K Q V Y G T M F L P V V E N S H C K Q V Y G T M F L P V V E N S H C K Q V Y G T M F L P V V D Q Q K C M S S T T Q V V T D N W G F A L A Q D T K G P Q P D R L R F T S N P L M S K A E C I V S W G F A L A Q D J R N P T E S E E H L R A V S V P K L E Q L E C I A S Y L F S G F I T D J A V C N G L I S Y G R L T D T G W G M T R G S G K T D A L K Q V K M T V L D P A V C N G P F M P F N P N D N J N R G G G F G Y L K E T G F P V I E N K V C N R P E F L N G R V S N	UniRef90_J3RY93 UniRef90_L5MHV4	M G W G K II S P S K E T Y P D V P H C A N I N L L D Y E V C Y P E F G L P A T S S G W G A V S S P II V F Y P II T I O C A N II S II I E P R R C R II A Y P G O II S K
JniRef90_E3M4B1 T G W G S T E G S A V S A P S L R E H V P L L S T L F C P N Y V G R I H L P JniRef90_W5MR17 JniRef90_Q5TRH6 S G F G R S S D A S P Y P S S L R F T S N P M S K A E C V S W G F A L A Q JniRef90_A8CW51 JniRef90_C3YE72 JniRef90_C3YE72 JniRef90_U6JTA6 JniRef90_H3BEH8 T G W G S T E G S A V S A P S L R E H V P L L S T L F C P N Y V G R I H L P L A V D P A V D P A V D P A V D P A V C N R P E F L N G R V S N R P E F L N G R V	UniRef90_H9JGM1	A G W G D T E F R G P S A T H L Q V L Q L P V V S N D F C A Q A Y S P Y K N Q K
JNIRE190_A8CW51 GWGDIRNPIESEEHLRAVSVPKLEQLECIASYLFSGFIID JNIRE190_C3YE72 TGWGETYFGGPQPDRLQELKMALIPTAVCNGLISYGRLTD JNIRE190_U6JTA6 YSTGWGMTRGSGKTDALKQVJKMTVLDPAVCAGPFMPFNPN JNIRE190_H3BEH8 TGWGDTKGTGGEGYLKETGFPVIENKVCNRPEFLNGRVSN	UniRef90_E9HJW7	CI JA T G WG Q S K K G N K L IE N I L IH Q T E L IP V V E N S H C K Q V Y G T M F T G WG S T L E G S A V S A P S I R E I H V D I L S T I E G D N V V G D I L I D D
JNIRE190_A8CW51 GWGDIRNPIESEEHLRAVSVPKLEQLECIASYLFSGFIID JNIRE190_C3YE72 TGWGETYFGGPQPDRLQELKMALIPTAVCNGLISYGRLTD JNIRE190_U6JTA6 YSTGWGMTRGSGKTDALKQVJKMTVLDPAVCAGPFMPFNPN JNIRE190_H3BEH8 TGWGDTKGTGGEGYLKETGFPVIENKVCNRPEFLNGRVSN	UniRef90_W5MRI7	ŢĠŴĠĂŢĸŸĹĠĹŚŚŖĘĹŖĸŴĄĹ₽ŲVĎQQĸ <mark>Ċ</mark> MŚŚŢŤQŨVŢĎŊ
JniRef90_C3YE72	UniRef90_Q5TRH6	S G F G R S S D A S P Y P S S I L R F T S N P I M S K A E C I V S W G F A L A Q G W G D T R N P T E S E E H I R A V S V P K I E O I E C I A S V I E S G E I T D
JniRef90_U6JTA6	UniRef90_C3YE72	T G W G F T Y F G G P O P D R II O F II K M A II I P T A IV <mark>C</mark> N G II I S Y G R II T D
JniRef90_B4MLM5 LA LWG R Y A T GVH A I S NV L R Y VQL QI I D G R T C K N N F P L S Y R	UniRef90_U6JTA6	YSTGWGMTRGSGKTDALKQVKMTVLDPAVCAGPFMPFNPN TGWGDTKGTGGEGYLKETGEDVLENKVCNPPEELNGDVSN
	UniRef90_B4MLM5	LALWGRYATGVHAISNVLRYVQLQILDGRTCKNNFPLSYR

UniRef90_UPI0003FCFE6D	170 180 190 200 MVC A G F P E G G Y D A C Q G D S G G P L V V D G K L T G I V S W G N G C A
UniRef90_P42276 UniRef90 Q98TT5	IRST MICAASGKDACQGDSGGPLVSGGVLVGVVSWGYGCARTLCAGLLEGGKGSCDGDSGGPLICNGEIQGIVSWGGDCAHNLCAGYPQGGIDTCQGDSGGPLMCYFWLIGVTSWGKGCG
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UniRef90_W5MUM3 UniRef90_UPI00042C64BC UniRef90_UPI00021A7C40 UniRef90_UPI00021A7C40 UniRef90_UPI00046C2C85 UniRef90_T1GBI7 UniRef90_E9J539 UniRef90_E2J3S6 UniRef90 B2LWE4	R V G G L T V G E P A M S L Q N S A H V C G G T L T M A H V L T A R V N G M D C K L G E C P W Q A V L V D E K E F C G G T L S P L Y V L T A L V G G G T T A A P Q W V S L R S W W H L C G G S L S P K W V T A T U G G T T R H G L F P H M A L Q D K W G G G G G G S L S E L Y V L T A R V G G T D A A K N A W P G G T L G G G G G G G S L S E L Y V L T A R V G G G T D G T D G T T A T A T G G G G T C G G T T A T A T G G G T T T A T A T G G G T T T A T A T G G G T T T A T T T T T T
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UniRef90_O93267 UniRef90_G15KM9 UniRef90_B4JF72 UniRef90_B4NLG1 UniRef90_B4MS23 UniRef90_J9JLY9 UniRef90_I3JKL7 UniRef90_A0A034WPK0 UniRef90_B3NCD0	NRI YNGNDTAL DDFVWMAL LEYRSLNCGGSLINNRYILTA NRI YNGNDTAL DDFVWMAL LEYRSLNCGGSLINNRYILTA NRI IGGVDTQLWEFPWMVLLQYKRFNCGGALINSRYVLTA KIIGGFTRI HQYPWMVILLHQRFYCSGSLISDLYVLTV IVNGTKAEPKEFPHMALLRDDTWACGGSLISDLYVLTV ITTGQDATPGSWPSYAAIVIVGFQGSLISDRWVLTA
UniRef90_M3WJZ9 UniRef90_GSC5X5 UniRef90_E4XEU7 UniRef90_B4KDY0 UniRef90_E9GC79 UniRef90_W5JMH7 UniRef90_M0A0034VNH5 UniRef90_F1SHY5 UniRef90_Q29BP5	
UniRef90_U3J210 UniRef90_B4LQ53 UniRef90_Q25227 UniRef90_G3RW16 UniRef90_U3KGK7 UniRef90_K7IRM8 UniRef90_UPl0002C321C1 UniRef90_P00748	R V V H G D D A E L G S S P W Q V M L Y K K S L L C G A S L I S S N W V L T A R I T N G H E V A L G S R P W M S L L Q D E A F A C A G T L I T D R F V L T A R I T N G Q D A V M G Q F P Y Q V G L N F K S A W C G G S L I G N E W V L T A K I V G G Y T C E E N S V P Y Q V S L N S G Y H F C G G S L I S E Q W V V S A R L I N G K V G R K G G S P W Q L M L Q N G M F L C G G V L I H P A W V L T A R V V G G S D A P D G K Y K Y Q A Y L K D N Q G F C G A S I I S K R Y L L T A R I V R G E H W P W Q V S L H L G S H V C R G S L I G D R W I L T A R I V R G E V A L R G A H P Y L A A L Y W G H S F C A G S L I G D R W I L T A
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UniRef90_B0X707 UniRef90_B0FXM2 UniRef90_UPI0002035A49 UniRef90_UPI0004421065 UniRef90_UPI0003C80D7C UniRef90_UPI00038EBD6E UniRef90_Q9VEM8 UniRef90_S4RVZ1 UniRef90_UPI0003344F85	D R I I G G E N A Q K N A WR W I G Y F Y G R V I G G K D S K L G R WP W Q G S L R W G Y H Q C G A T L L N R R W V L S A I I G G G K D S K L G R WP W Q V S L R K G S H P L C G A S L I N H C W V V T A K I F G G Q M A A P E R WP W Q V S L R Y G R H P L C G A V L I D K N W I A G A I A S G R E A N V G Q W P W Q V S L R Q G L H T C A A T L I S E Q W V L T A R I V G G E D S S D A E W P W V V S L Q R W E H I C G G S L I H P Q W V L T A R I V G G E D S S D A E W P W V V S L Q N G R H H C A G S L L T D R W V V T A R I T G G D L A Q R G Q F P Y Q V A L T S G K L L C G G V L V H E R F A L T A E L V I G G D E C N I N E H N F L V A L Y S Q S F L C G G T L I N G E W V L T A R I V G G D C V K Q G S H P W Q V S L Q R E K H F C G G T L I N G E W V L T A R I G G T E A Q T G A W P W M V S L Q R E K H F C G G S L L V R E D F M P T A R I I G G T E A Q T G A W P W M V S L Q I Q S H V C A G S L V K K R W V L T A R I U N G E D A V P N S W P W Q I S L N D L Y H T C G G V L L N S D W V L T A R I I N G E D A V P N S W P W Q I S L N S G N N K C G G S L I D R F W V L T A R I I N G E D A V P N S W P W Q I S L N S G N N K C G G S L I D R F W V L T A R I I N G E T A T L G E F P Y Q V S V T G G Q H F C G G A L I S K K H V L T A
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UniRef90_H0UTA8	A H	I <mark>C</mark> F	50 KGDLDQLDAWRLETPGPRSQQVGIAWVLPHPQY	80 S W K
UniRef90_UPI0003F16EF1 UniRef90_R1FR63 UniRef90_UPI00022CA1C2	A H A H		R P S K <mark>V H</mark> R Y Q WT N W L K P N S E E W Y V N K M H E S D Y N K A R T N G N S H P N N K H P L Q Q L S V E A V H M H Q S	N Y N Y N D Y N <mark>H</mark>
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UniRef90_UPI000393FB7F UniRef90_UPI00035DA691 UniRef90_S9NW48	A H	(;)	R D T A V Y K L S Q A D K W Q T N E W T V K R G V K Q L	YNS APG
UniRef90_UPI000393E7C3 UniRef90_UPI00033472DF UniRef90_Q64ID2	A H A H		Y E G A F A V T S P S T V R T V D S E G Q I R F V D D V I S F P G D I K G I E N V T V H N R K S R E Q S Q Q K I R V R Q W V I H P E D K I R S W E N G E H D L S H V D G D E Q V R R V A R V T V P D A M S S N V Y L G A H N M P P L P S E G A I L E F S M Q F V M H P D	Y <mark>C P</mark> Y V R F F I
UniRef90_G5AVW2 UniRef90_UPl0003EBFDE0 UniRef90_P79953	A H A H A S	C	D K	
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UniRef90_T1GBI7 UniRef90_E9J539 UniRef90_E2J3S6 UniRef90_B2LWE4	ΑH		K P K P K S I KI N W K N R K Q S I I D SI P W K N I I I I I I I I I I I I I I I I I I	HPD YDA YGG
UniRef90_A0A023EM96 UniRef90_K7GAK8 UniRef90_B4H6E3	A H A H		<u>II_I_R_NV R V_L_V M L G V Q</u> _R_S_D_I_P <u> N_Y V R_E V_I_</u> R_F_Y_ <u>P_</u> H_P_K	ESY
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UniRef90_UPI00020E497F UniRef90_A7RW60 UniRef90_O93267	АН	(; F	T G K N N V H D W Y G N N K P V K A P L Q E R Y V E K I I I H E K H D D Y M V V V G A H R M S G S T S V E K T I R V S Q V L E H P R L T A H R T I A T L G D H D L T V E E G T E Q H I P V A E V I V H S A H K A H Q Y Q I W N W I I P N S E L I V E L V N K I I I H E N	YNS
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UniRef90_A0A034WPK0 UniRef90_B3NCD0 UniRef90_M3WJZ9	A H A H		D D V Y L G A W D R T D A T E K N Q Q I I F V S A K N V I V H E D D D V Y L G A H D R K N P K E V G Q Q I I F V E K K N V I V H E K S R N H K G Q L F K H S L S K N E A S K Q M F D I K K F I P F S R E E A E G K V Q V L L G A H S L S Q P E P S K R L Y N V S R A V P	WVS WDA LTS
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UniRef90_Q25227 UniRef90_G3RW16 UniRef90_U3KGK7	A H G H A H	C	DVKSVTVFLGATYRTEAEVKYTVKPNDI LIHPG KSRIQVRLGEHNIEVLEGNEQFINAAKLIRHPK EQKVFKVKLGKFRFRSEAEEQTIWVDKWVIHEN	WNN YNS YTK
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UniRef90_B7GB65 UniRef90_UPI0003AF5A74 UniRef90_E4XJU9	АН	C	TIPAWY FROKDII <mark>C</mark> FGRD FROVA A POFOCOH PFY	DRS
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UniRef90_UPI0004421065 UniRef90_UPI0003C80D7C UniRef90_UPI00038EBD6E UniRef90_Q9VEM8	A H S H		GSSINVTLRDHNIYQQERTQQVIPVRRAIPHPG KDTREPVMWRVVVGTNQPTTKKMKVKAIIIHPE ERTNQSVIIHGTEDLEANYMDSVEVDKLIHPE VGVNPTV RVITGTVEYEKPDAVVEFEHWIHCON	FDV YDS
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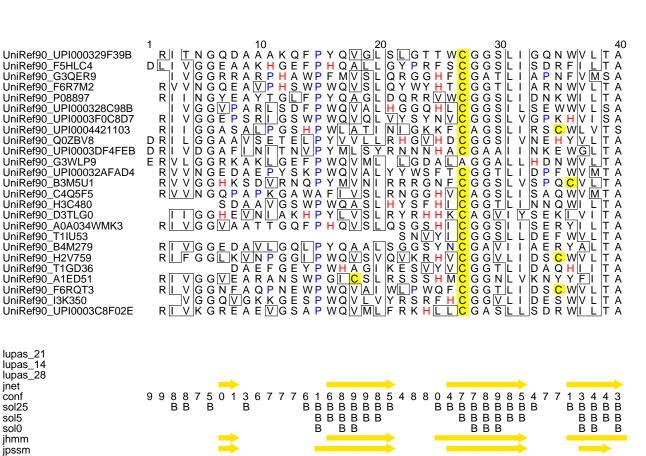
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UniRef90_R1FR63 UniRef90_UPI00022CA1C2 UniRef90_K7F513 UniRef90_UPI00034F7FA0	GATFENDIALIEMKPLPRKKECKVPACVPWSPYLFQPNDTDTLKNDIALLKLSSPAMDYWEAVDSLGMPAADLGGETLTVPKHHDDIALLKLSSPAMDYWEAVDSLGMPAADLGGETLTVPKHHDDIALLKLKRDVSFSEYIRPICLPLERNNNFMGYNPSNYQNDIALLELKSNDRGKPCSLAHSIPACIPWSEYLFQHYTQIYDVALLKLTAALVFTTNLRPVCLPNVGMPWAEGQPCDDFNKRIALLQLHWSVNFTSHVLPPACLPEPNATLPPHTSC
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UniRef90_S9NW48 UniRef90_UPI000393E7C3 UniRef90_UPI00033472DF UniRef90_Q64ID2	VKKGKDVALLHLSKPLTFNGKVAPIALATAEDEPGVISTV DDLKNDIVLLKLEKNAVINKNVKLISIPKENESVRVGSEC GRTDHDLALLRLRRPALLTAHVVPLCLPERDFSERTLALV STVQNDVALVYLFTPVQETERIKFIQLADDPSVNYLGREA
UniRef90_G5AVW2 UniRef90_UPI0003EBFDE0 UniRef90_P79953 UniRef90_Q4V9I6	GQTDHDIVLLRLHPPVNFTDHVVPLCLPERAFLQGTLTSIRSHEHDLRLLKLGTPARLTRSVQPLALPTTCAVAGTECHIQTNDFDIALVELDESLQFNSDIFPICLPGKTSELAPASLCSELDYDIALVKAATDIQPSNFIRYACLPRKQINLNPGHYC
UniRef90_Q4T9V1 UniRef90_X1X0P8 UniRef90_K7FLY8 UniRef90_W5J6S2	S E L D Y DI AL V K A A T DI Q P S N F I R Y A C L P R K Q I N L N P G H Y C A V V D Y D I S V L Q L D A E V D V T D F V R P V C L P E P G Q V P T P D S Y C K K I I N N L A I L V L K N S I T F N E L I Q P I C L P T L L D M N N V E K S K K T S K N D I M L Q L S R N A T L T K E V G L N L T T A N G T A S P N S V C A T F A N D L A L L R L A S E F R K T D S L Y P A K R L Q K A P V P G D R C S L
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UniRef90_E2J3S6 UniRef90_B2LWE4 UniRef90_A0A023EM96 UniRef90_K7GAK8	QTYANDIALVQNLSDKCMQDNPAVRAVCVPWSTQQFQPNDNVGPNDIGLIYVEKPFNLNAAVAKVNLPSGKFESTGKGKLGFPRNDIAVMELQQAFQMSSSISAIALRKTAVPSGSTVTIETMENDLMLLRLSSPVPEDATTKPVRLPERDREIPLTASC
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UniRef90_G5C5X5 UniRef90_E4XEU7 UniRef90_B4KDY0 UniRef90_E9GC79	S G P D T I D H D L L L QVS P G Q R C L P G C A R S R G S P A R P D I V S F V K T G D S V S T A C L P T D D T D V V P D G R R C F V A G W G S Q D E L V T S D I A I L K I D P P F E I D D K R V S T I D V S S D L V G A D Q E V G G H L N N D I A L K S N Q G I R F G S H V Q P I C L P S P S T E Y V A G M N C
UniRef90_W5JMH7 UniRef90_A0A034VNH5 UniRef90_F1SHY5 UniRef90_Q29BP5	TVCPNDIALIRVDPPFEIGEHVKPIRLPGKNETFTGNALINRTFEHDVAIMRLHTKLQGVNIKPLAIGDFALAQGEYVTVNDFNKRITLLQLYGPVNFTEYIRPACLPGRNPQVSSSASCDQMNDIALLRLKQSVSYSDYVRPICLGVNNLFEGYAMDV
UniRef90_U3J210 UniRef90_B4LQ53 UniRef90_Q25227 UniRef90_G3RW16	IDQMNDI ALLRLKQSVSYSDYVRPICLGVNNLFEGYAMDVENMDRDI ALLHLKRPIAFSDYIHPVCLPTKEVVQGWGNLKETNHNDI ALIKLARPVAFKPHIRPICLPQQRAESSENFVVKTLKNDISLVKIPETAYLIQPVELPALASSYPSFAGDEVI
UniRef90_U3KGK7 UniRef90_K7IRM8 UniRef90_UPI0002C321C1 UniRef90_P00748	R T L D N D I L L I K L S S P A V I N S R V S A I S L P T A P P A A G T E S L I K T S D N D I A M L H L A E H V M Y Y K Y A L P I C L P T R S M R S G K Q A V V D H G V N D I L A V R K D I V F N D K V Q P V K L P N V G E Q I A D D S S V H G T T A D T A L L R L F S R V T Y S S S I L P I C L S S V K K Q W T I P D S C V S Y Q H D L A L L R L Q E C A L L S P Y V Q P V C L P S G A A R P S E T T L C
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UniRef90_G3ND34 UniRef90_UPI000359E284 UniRef90_D2GXR8 UniRef90_UPI0003339A67	GVLFNDI ALLKLSSFVTYNKYLQPICVQASSSEFQNQNNCQGWEYDI ALLQLKGTEGSCVAFNPHTSAVCLPEPGNRWCVHRQGSDI VLMQLESPVEFSSHI LPACVPDKNTKIPKKKACGNTSAI ALAKLAYPVSFTPVVLPICLPTSAVQLKNSTSC
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UniRef90_UPl0004421065 UniRef90_UPl0003C80D7C UniRef90_UPl00038EBD6E	N K WVN A I ML L I L L B G I F S F S S S V L F A C L F D F G E K C E A G Y I C N K WVN A I ML L Q L R R K A Y L T A A V S P I R L P W R R E L V K P G L A C D S Y V N D I A L F H L K K A V R Y N D Y L Q P I C L P F G V F Q K L N R K T K G I Y D N D I A L L L K S P L T W D S T T V P I C L T E V T S E K A W T T C P D Y H N D I A L I R L N D T I K F N E Y T Q P A E L P T A P V A N G T Q L L L
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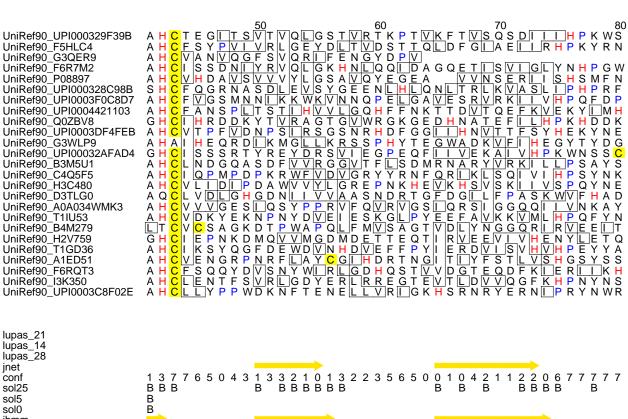
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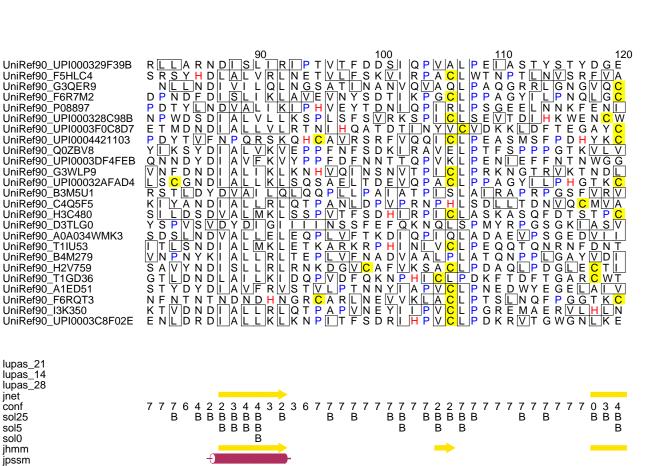
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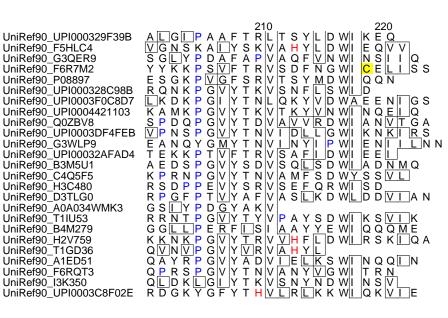
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