QUERY	1 E N [ ] K [ ]	10 20 30  GF LV KQPEEPWFQTEWKFADKAGKD  G <u>F</u> E VI K   A	40 V
UniRef90_Q65WJ0 UniRef90_I4XZE8 UniRef90_S9R6K5	E P I K L E P V K I D V K I	G	V A
UniRef90_UPI00030C629D UniRef90_UPI000346B44A UniRef90_X5SMS1 UniRef90_W8IDZ2	K L K V P L K I K I	GLSMNTLNNPFFVAVKEGAEAQAKDLGYELVVDA GFLVKMPEQAWFINEQKAATALGKQEGFSVVNIG GLMVQDMSNPFFSAMTKGAEDAAKQIGATVVQDA PSHDNPFFKAEAVGAEAKAKELGYELVLVH	T Q
UniRef90_UPI000248CE77 UniRef90_E3HAW8 UniRef90_Q2SMT1	KTTI RV DLKI EITV	GLSISTLNNPFFVTLKEGAEKAAKEAGVDLVVDA GLVVSTLNNPFFVTLKEGAEAKANEMGMEIILDS GVSMAVFDDNFLTALRNGLETAAKDKSVDVIEDG	_
UniRef90_D6XZR1 UniRef90_I2BEM7 UniRef90_UPI0004087EA0 UniRef90_UPI000467F268	E∐TV TI D∐KI KI	G F S I S T L N N P F F V T L Q E G A E A H A E E L G I E L L V D A Y A L V V S T L N N P F F V S L K D G A Q K E A N K L G Y N L V V D S G L S V S T L N N P F F V S L K D G V T A E A K K L G M S V V V D A Y A C A C C C A C C C A C C C A C C C A C	Q Q Q
UniRef90_H4F2U7 UniRef90_UPI00041D43EA UniRef90_H1YHQ1	T I K I K V	ALVVSTLNNPFFKAEADGAAAKAKELGYDMVLVH ALVVSTLNNPFFVTLKDGAAEKAKELGYELILDS AVIVSTLNNPWFVFLAQTASAQAKSLGYETIFDS	D Q Q
UniRef90_E3PV73 UniRef90_K9HHT9 UniRef90_UPI0004070B60 UniRef90_D7CV92	K I T M E P K K M	G	Q Q Q N
UniRef90_B7CV92 UniRef90_E7AYC6 UniRef90_W4BRP8 UniRef90_UPI000370CBAA	ETRTI ENMKI DKPVV	GML VT A S S N P F Y A E V VR G V E R S C Y E R G Y S L I L C N G L S I S T L N N P F F V S V K D G V L A E A K K Q G L E L V I D A G L V M K S L A N E F F K N M L E G A N A H E A K R G D Y V L M Q S	T Q E
UniRef90_I2EQ00 UniRef90_UPI0003B746DF UniRef90_E1R2W2 UniRef90_UPI00036739C1	EKPKV PVKI DKPVV QTNTI	AVVISTLNNPWFVVLAESAAENARKLGYEAIFDS GYIVKRPEEKWFQDEWTGAQN <mark>C</mark> ADTYRFELVKIG GLVMKSLANEFFKTMEEGARKFAEEDGFELIMNS	Q A E
UniRef90_UPI000346ADC7 UniRef90_B8H8H8 UniRef90_M4U3X0	EVVI TYNI TL	GVSI STLNNPFFVKIKDGIEDEAKKQGVKVKFDAGVVVLDLQDPDLAHMTDAMKKTADEKGVKLITDS GVVVLDLQDPDLAHMTDAMKKTADEKGVKLITDS ALVVSTLNNPFFVSMKEGAEKKASELGYKIIVDS	Q K Q
UniRef90_V3TQN6 UniRef90_UPI0003766C0B UniRef90_UPI00037EC0F0 UniRef90_UPI0003667A6F	QTRTI KLKI TI	GL S I S T L N N P F F V T L K E G A E K A A K E A G V D L V V D A G G L V V S T L N N P F F V T L K E G A E A K A N E M G M E I I V D S G G V S M A V F D D D N F L T A L R N G L E T A A K D K S V D V I E D A A K D K S V D V I E D A A K L G Y N L V V D D A A A L V V S T L N N P F F V S L K D G A Q K E A N K L G Y N L V V D A A A L V V S T L N N P F F V S L K D G A Q K E A N K L G Y N L V V D A A A L V V S T L N N P F F V T L K D G A A E K A K E L G Y E L I L D S A A L V V S T L N N P F F V T L K D G A A E K A K E L G Y E L I L D S A A L V V S T L N N P F F V T L K D G A A E K A K E L G Y E L I L D S A A L V V S T L N N P F F V T L K E G A E Q K A K A K E L G Y E T I F D S S G A L V V S T L N N P F F V T L K E G A E S K A K E L G Y E T I F D S S G L V V S T L N N P F F V T L K E G A E S K A K E L G Y E S T V V D D S A A L V V S T L N N P F F V T L K E G A E S K A K E L G Y E S T V V D D S G G L S L V S T L N N P F F V T L K E G A E S K A K E L G Y E S T V V D D S G G L S L V S T L N N P F F V T L K E G A E S K A K E L G Y E S L I L D D S G G L S L S T L N N P F F V D L A E S A A A E N A R K L G Y E L L L D D S G G L S L S T L N N P F F V S L K E G A Q A K S E L G Y E L L L L D C N A L V V S T L N N P F F V S L K E G A Q A K S E L G Y E L L L L D D S G G L S L S L S T L N N P F F F V S L K E G A Q N C A D T Y R F E L L L L D D S G G L S L V M K S L A N E F F K T M L E S A A A E N A R K L G Y E R L L L L L D D S G G L V M K S L A N E F F K T M L E G A L K K A S E L G Y S L L L L L D D S G G L V M K S L A N E F F K T M L E G A L K K A S E L G Y S L L L L L D D S G G L V M K S L A N E F F K T M L E G A L K K A S E L G Y S L L L L L D D S G G L V M K S L A N E F F K T M L E G A L K K A S E L G Y S L L L V D D S G G L V M K S L A N E F F K T M L R E G L T A R A S Q D G V S L L L V D D S G G L V M K S L A N E F F K T M L K D G A V T K K A N E L G Y S L L L V D D S G G L V M K S L A N E F F K T M K E G A L K K A N E L G Y S L L L V D D S G G L V M S T L N N P F F V T L L R E G A V K K A N E L L V V D A S G L L V V S T L	T Q Q O
UniRef90_H1PNP7 UniRef90_I3VVH4 UniRef90_R7PLJ3	K I T I	GLVVSTQNNPFFVTLKEGAVKKANELGYELIVDS GLIVPDISNPYYSEVVRGIEDVCNIYKYNIILNA GFSVSTLNNPFFVTLTEGAKKAASEKNVELVYDA	Q D G
UniRef90_A0A024QEX3 UniRef90_UPI00026258E2 UniRef90_UPI000471AC01 UniRef90_C9PS23	E D V K V V K I K I R I E T K T I	GL SI STLNN P	Q Q R T
UniRef90_A4SMB8 UniRef90_F0LZN8 UniRef90_J1RKI4 UniRef90_K6BJZ9	T K T I T K T I L E K P K V	GL V V S T Q N N P F F V T L K E G A V K K A N E L G Y E L I V D S S G L I V P D I S N P Y Y S E V V R G E D V C N E Y K Y N I I L N A S G F S V S T L N N P F F V T L R D G S E A S A K E S G Y E I I T D A S G L S I S T L N N P F F V T L R D G S E A S A K E S G Y E I I T D A S G V T M S S I D K F L S Y V V D A M Q S Y A K E Q G E L V V D A S G V T M S S I D K F L S Y V V D A M Q S Y A K E Q G E L V V D A S G V E R Y C H Q H H Y N L I L S T A M V V S T L N N P F F V T M K E G A E A A K E L G Y E L V V D S S G V E R Y C H Q G Y N L I L C N S G M L V T T S T N P F F G E V V K G V E R S C Y H Q G Y N L I L C N S G M L V T T S T N P F F G E V V K G V E R S C Y H Q G Y N L I L C N S G L A L S T M N N P F F V G I K E G A Q A E A D A R G L H L I T D A S G L A L S T M N N P F F V G I K E G A Q A E A D A R G L H L I T D A S G L I V M K S L A N E F F R T M E D G A K A Y Q K E H A F D L V S N G G L I V P D I S N P Y Y S E I V R G I E D T C H S L R Y N V I L C N S G F A Q T E S N N P W R I A Q T E S M K A E A A K L G H Q L V Y D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G G L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G G L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G G L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G G L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G G L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G I L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V D A M S L Q A D F F N Q I K Q S V E A A A Q L Q G I K Q S V E A A Q L Q G I K Q S V E A A A Q L Q G I K Q S V E A A Q L Q G I K Q S V E A A Q L Q G I K Q S V E A A Q L Q G I K Q S	Q T Q
UniRef90_D9RYT4 UniRef90_I4YNZ3 UniRef90_UPI000425B466	DKYKV EDKVI	GLIVPDISNPYYSENVRGEEDT <mark>C</mark> HSLRYNVI <mark>LC</mark> N GFAQTESNNPWRIAQTESMKAEAAKLGHQLVYDA GLAVANLQADFFNQIKQSVEAAAQEQGIKV <u>V</u> VDA	A A K
UniRef90_UPI0003B409B8 UniRef90_R4WZG3 UniRef90_I0QRM8 UniRef90_E3IG20	K P K I Q T R T I T I	G <u>                                     </u>	T N T D
UniRef90_A4IT66 UniRef90_F0LGN9 UniRef90_U6ZUG0	T V EVKKI QKPKV	GLI VPDI TNPFFPELVRAVEDVMNI YDYTVI LNS GLAVANLQANFFNQI KQAVEAEAKTRGI TVVVDA ALVMKSLANEFFLT MEDGAKAY QKEHDFDLVSNG	D K E
UniRef90_G2IBK5 UniRef90_D8MK95 UniRef90_UPI000395B6F4 UniRef90_K2K3F1	N K K I Q T R T I T I T L	G F A Q T E S N N P W R I A Q T E S M K A E A A K L G H Q L V Y D A G L A V A N L Q A D F F N Q I K Q S V E A A A Q E Q G I K V V V D A G L I I P D I S N T F F G E L A K G A E N R A A E L G Y N V F L C N G F S I A T L N N A F F V G L K A G V E R G A K C Q N F D L V T N A G M L I T S S S N P F Y S E V V Q G V E R S C Y E R G Y S L I L C N G L I I P D V A N P F F S E I A R K V E D R G R E L G F N V L C N T G L I V P D I T N P F F P E L V R A V E D V M N I Y D Y T V I L N S G L I V P D I T N P F F P E L V R A V E A E A K T R G I T V V V D A A L V M K S L A N E F F L T M E D G A K A Y Q K E H D F D L V S N G G L A V A N L Q A N F F N Q I K Q A V E A E R S K K L G Y D L I V D S G G L V L S T L N N P F F V S E V V R G V E R S C Y E R G Y S L V L C N G M L V T A S S N P F Y S E V V R G V E R S C Y E R G Y S L L L C N S G M L V T A S S N P F Y F A E L V R A V E D A C F A A R G Y A L L L C N S G M L V T T S T N P Y F A E L V R A V E D A C R A R G Y T L I L C N T G M L V T Q S T N L F F S E V I D G V E S Y C Y R Q G Y T L I L C N T G V S V S N L D E F N S T L L R G L L A H A K E T G V D V V T D A G M L V T K S T N P F F A E V I H G V E S Y C Y R A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G M L V T K S T N P F F A E V I H G V E S Y C Y N A G Y T L I L C N S G L A V S T L N N P F F V E G T L A E R T A E E A K K Q G V N L I V D A S N P Y W Q T E G T L A E R T A E E A K K Q G V N L I V D A S N P Y W Q T E G T L A E R T A E E A K K Q G V N L I V D A S N P Y W Q T E G T L A E R T A E E A K K Q G V N L I V D A S N P Y W Q T E G T L A E R T A E E A K K Q G V N L I V D A S N P Y W Q T E G T L A E R T A E E A K K Q G V N L I V D A S N P Y W	Q T T G
UniRef90_UPI0004762251 UniRef90_F2A2B0 UniRef90_C9P489	Y T L T L T I	GLLIPDIENMYYAGMIRGMQEACNKLGYSLI <mark>C</mark> NT GVSVSNLD EFNSTLLRGLLAHAKETGVDVVTDA GMLVTQSTNLFFSEVIDGVESY <mark>C</mark> YRQGYTLIL <mark>C</mark> N	D N T
UniRef90_Q6LQB9 UniRef90_T2LBC9 UniRef90_Q7NTN8 UniRef90_D3G056	TKTI DKGLI KIAV TI	GML	H Q T
UniRef90_UPI00047133F0 UniRef90_B8G637 UniRef90_F2LCL7 UniRef90_F6CM65	ETHTI TI TYSI	GLAVSTLNNPFFVELRDGAAAEAKKQGVNLTVDAGLMLPDITNPFFAELAKGVEEVAKENGYTVILCNGYCTPTLNGPYYQALLQSIKETTEKNGMVFLSDGGLILDSAFRAEYNVILNGLILDAAFRAEYNVILNGLVVPNSTNPYFAEIARAIEDAQCAARGYCVFFNSGLLLPDITNPFFAEIARGAEDEGNRHGFNVIICNGLLVSTLNNPFFAEIARGAEDEGNRHGFNVIICNGLIVSTLNNPFFAEIARGAEDEGNRHGFNVIICN	Q E D T
UniRef90_UPI000373E583 UniRef90_C6W799 UniRef90_B2U8T5		GLIVSTLNNPFFVDLKSGTESEAKKLGYDVVVDS GATMLSMQNEFIVNVSDAMEAKAKEMGVELIVDA GVLVPTATNPYFAELARGTEDV <mark>C</mark> AAAGYSVI <u>L</u> NS	Q E D
UniRef90_B0K4J6 UniRef90_UPI00046E7C3E UniRef90_B7IGD4 UniRef90_Q7CV87	T   I T K T   I T   V	G      V   S           N	D S D Q
UniRef90_A8F7K2 UniRef90_UPI0003601331 UniRef90_N0ANU8	QTKT V QSKT	GVVIEDSSNPFFAEVLKGEAATRKFGYOLLUMN GVSVGDLANPFFVAIGKGAEEAAKKINPNVTLST ALIVPDIKNPFFPEIARAIEDVMNKKEYTLILNS	T K D
UniRef90_E3DLT1 UniRef90_UPI00031E918B UniRef90_UPI00023757C3 UniRef90_B8I2K0	T    T    K    V V	IGIL I I PULIS N P F F P QIVIA RAII E D K A Q K S G Y S II I I F F N G ML V T Q S T N P F F A E V V D G V E S Y C Y R Q G Y T IL I L L C N G V T M A Q F D D T F L T I L R T G I S D A A K K A G A S V I E D A G M T L Y S L K N E F T V R L S N A A K K K A A F I G V F I I I Y D G	T G N
UniRef90_A6VNL0 UniRef90_UPI000248DDDF UniRef90_W4CW43	TKSI QTFTL TL	G M T L Y S L K N E F T V R L S N A A K K K A A E L G V E L I Y D G G M T L Y S L K N E F T V R L S N A A K K K A A E L G V E L I Y D G G M I V T T S E A P Y F A E I I H A V E D H C Y R Q G Y S L L C N T G L L L P D L A N P F F A E I A R S V E D R A H E L G F S V M I C S G L L I P D I E N L Y F A G V I R G M Q D A C I K L G Y S L I C N T G I S V G L L G N P F F V A T I K G I E D A A K K I N P K V E V T S G L I V P D M V T Y F F S S V I S G I E N Y A K E K G Y V V I T N S G M L V T A T N N P F F A E V V S G V E Q Y C N Q H D Y N L I I S S	Q T D
UniRef90_Q98FV9 UniRef90_UPI00029A2B68 UniRef90_S6EIK4	K V T I Q T K T L	G	D H D

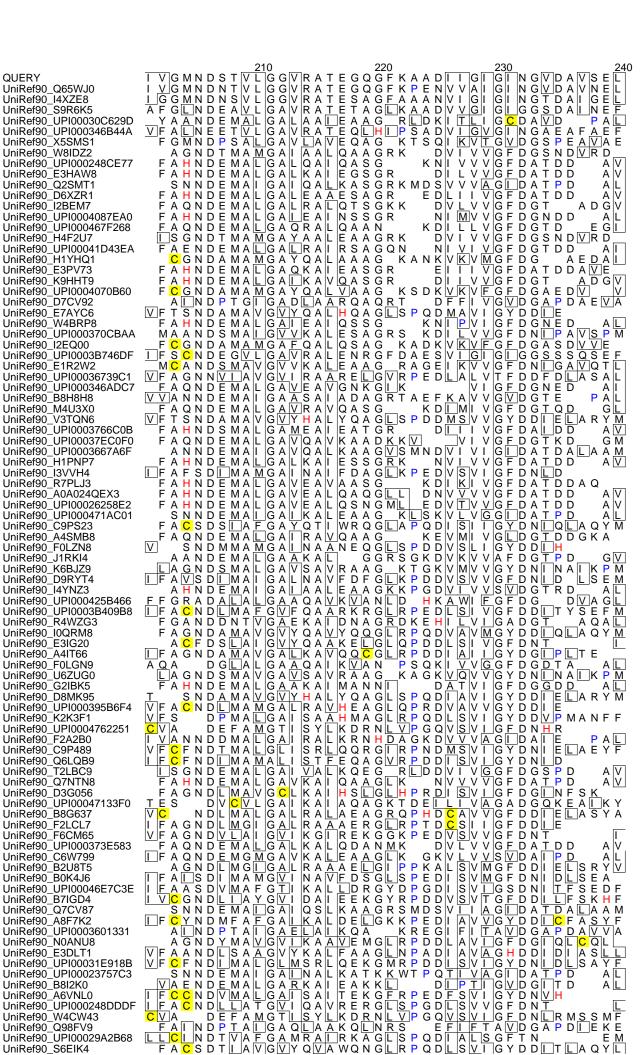
DICENT			50	60	70 80
MIRROR   DENOM   DEN	QUERY		LNAIDSLA	SGAKGEVI	T P D P K I G S A I V A K A P G
MIRROR   DENOM   DEN	UniRef90_Q65WJ0 UniRef90_I4XZE8	PDGEKT	LISAII DISILIA A	N G A K G F V I (	PPDVSLGPAII MAKAKA PPDVSLGPAII MAKAKL
MIRROR   DENOM   DEN	UniRef90_S9R6K5	EDGEKA	LAAIDNLGA	QGAQGVII	TPDVKLGPGLVARANA
JAMESSANST   10   0   1		29D NNPGQQI 14A PDGEKV	LIA DIVIENIL LIC	QKILIDII LI VIL	D P A D S D A II IA E A IV IK K A N D
Interest	UniRef90_X5SMS1	LDLANQ	N T Q I  D A F M (	QQGVNLTVIS	S A V D E A G I E P A I Q R A K D
Interest	UniRef90_W8IDZ2	DDANKQ	SQILIIDTAIIIC	G R G A K A II I I I I	) N A G S F A S II  A A  V  K K A K D
Interest		NDPAKE	L A NVE DL V V	ZKKIVINIVI LIII ŽKGIVIDIVI LIII	N P T D S D A V A R A V M A A N N
Junkerson   1900004097EA08   D. A. N. K. D. S. D. A. N. G. D. L. T. L. M. L. I. N. P. T. D. S. D. A. N. G. B. D. A. R. G. B. D. A. G. B. D. A. R. G. B. D.	UniRef90_Q2SMT1	N E VG T Q	LNQIQNFIA	ASGIVIDAII I VIN	N P IV ID T D A T IV IS II IS S D A E A
Jimesego   Proposodo   Propo		D D D A K Q N N P A K F		QGVDVILIN ZRGTKI MIIIN	NPTDSTSV VAAVEAANS NPTDSDAVGNAVKMANO
Jimesego   Piptodo   Pip	UniRef90_UPI0004087E	AO NDSAKO	A N DIVIE DIL I IC	Q	NPADSAAIVISSAIVIQSANH
Jimesego   Piptodo   Pip		68 DDAAREL	LSNVEDALS	S R G V D L L L I N	N P T D S D A V V S S V R T A N G
Junkerson   H17HG1		BEANNPAKE [	L IA NIVIE DII L \	/   K	NPTDSDAIVIGNAIVLIAANK
Jimerego (JPO)0003700860	UniRef90_H1YHQ1	NNTATE	T D N F E N A II   <i>A</i>	AAGYGAII LIFN	NPTDANGS VV N V NKAKA
Junkelson Dytovoze  Fig. 10		N D P A Q E   N D P A K F	L A N V E D L L I I		N P T D S D A V R S S V R A A N R
Junkergo   Protect   Pro	UniRef90_UPI0004070E	60 NNTSILIE	T D <b>H</b> F E N A M <i>A</i>	ASGYDAII LIFN	NPTDADGS IV N V KNATA
JAIRGERGO UP100038746DCT   D		Y D L N I Q	ISQIIDNFILA SRSIETLMO	A G V D E I L L II	NAIVIDEEGILAPAIVIRRAKE MCTESHRPS
JAIRGERGO UP100038746DCT   D	UniRef90_W4BRP8	N D S A K Q	SNDVEDLMO	Ř Ř ŘÍV N Á L L Í ľ	N P V D S S A I S T V V Q T A N S
JAIRGERGO UP100038746DCT   D		BAA A DILLET QI		QQVDAIVLA	A P A D S R A L V P P L K R A M E
JURINGROU OPPOINTAGE JURINGROUP OPPOINTAGE J		DF TDGEKT		,	T P D VRLG P A V M A K A D S
Jinkel90 UP1000346ADD  D D A A K Q S N D II D D L I Q Q N V D Y L I V N P T D S D A I S G S Q N A K R V D N D I N R M D P S K E L A N V E D L V V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D M R M D P S K E L A N V E D L T V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D R M M D P S K E L A N V E D L T V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D P S K E L A N V E D L T V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D P S K E L A N V E D L T V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D P S K E L A N V E D L T V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D P S K E L A N V E D L T V R G V Q A L I N D T D S D A I S G S Q N A K R V D N D P S K E L A N V E D L T V R G V Q A L I N D T D S D A V S N A R R M N D P S K E L A N V E D L T V R G V Q A L I N D T D S D A V S N A R R M N D P S T G L S Q N A K R V F D I S C A V S D D A A K A G T S D I S Q N V S A I E L A N V E D L T V R G V Q A D A I V M T T D T S A A V S A N S A I R M S Q N A K R V F D I S C A V S D D A A K A G T S D I S Q N V S A I E L A N V E D L T V R G V Q A D A I V M T T D T S A A V S A N S A I R C S M D A I V M T D T S A A V S A N S A I R C S M D A I V M T D T S A A V S A N S A I R C S M D A I V M T D T S A A V S A N S A I R C S M D A I V M T D T D T S A I V S A N S A I R C S M D A I V M T D T S A I V S A I R C S M D A I V S A I E L A N S A I R C S M D A I V S A I E L A N S A I R C S M D A I V S A I E L A N S A I R C S M D A I V S A I R C S M D A I V S A I E L A N S A I R C S M D A I V S A I I R C S M D A I V S A I I R C S M D A I V S A I I R C S M D A I V S A I I N S A I V S A I I R C S M D A I V S A I I N S A I V S A I I N S A I R C S M D A I V S A I I N S A I V S A I I N S A I V S A I I N S A I V S A I I R C S M D A I V S A I I N S	UniRef90_E1R2W2	C1 IDDDIQ	V S A MERFI	TGVDMIVV	A P A D S V G M V K S V K K A V D
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JAINGRIGO UPINOVATA  IN S R D K E L Q Y VI E DI L L X R W V D Q V L L V N P Y D S D A P Q L S Y R A A N F A	UniRef90_B8H8H8	KDVGSE	INOVEDILI		) PII ID G D A S O N A A K RIV I I A
JAINGRIGO UPINOVATA  IN S R D K E L Q Y VI E DI L L X R W V D Q V L L V N P Y D S D A P Q L S Y R A A N F A		N D P S K E L F D H D R M	LIANVEDILV\ SRSII FTI I (	ZKG V QA LLI N XKR V DG LLI N	N P I D S D A [V] S N A [L] R [V] A N R M C T F S H M P S P
JAINGRIGO UPINOVATA  IN S R D K E L Q Y VI E DI L L X R W V D Q V L L V N P Y D S D A P Q L S Y R A A N F A	UniRef90_UPI00037660	OB DDAAKQ	ĬŝšĪĒDĪĪ	ŖĸĠijĎŎĹŸĬ	PVDGDAVVT AFESANN
Jinkergo   H1PNP7		OFO NDPSKE	LIANVE D <u>LITI</u>		NPT DS DAVS NAIR MINN
Jinkergo Javyh44  Jinkergo Javyh44  Jinkergo Javyh44  Jinkergo Javyh45  Jinkergo Javyh45  Jinkergo Javyh46  Jinkergo Javyh47  Jinkergo Jav	UniRef90_H1PNP7	NDPSKE		K G V D V L L III	NPTDSDAVVSSVRAANR
Junkerson C485MB8	UniRef90_I3VVH4	NSRDKE	LQ Y I D ML KS	R WV D GI I F	HSD YF
Junkerson C485MB8		N D P S T Q		QQDIDVLIV	N P V D S D A V A P A V K S A M S
Junkerson C485MB8	UniRef90_UPI00026258	E2 DDASTQ	LSDIEDLL	QNLDVLLV	N P V D S E A V V T A I E S A N S
Jinkergo Jakshab Jinkergo Dapayta Jinkergo Dapayta Jinkergo Dapayta Jinkergo Dapayta Jinkergo Uploo0384086 Jinkergo Uploo0384088 Jinkergo Jakshab Jinkergo Jaks		201 NDASIQI FSKDRI		KKMDAI VIII KOVDGI I I	N P V D I E A I K P V V D A A K K MC A D A R F H
Jinkef90	UniRef90_A4SMB8	NDPAKE	L  S N  V  E D  L  T  \	/ RK V NA ILI N	NPTDSEAVGNAIRLANK
Jinkergo Deprit 4 Jinkergo Jeprot 5 Jinkergo Jeprot 6 Jinkergo Jeprot 6 Jinkergo Jeprot 7 Jinkergo Jeprot 7 Jinkergo Jeprot 8 Jinkergo Jeprot 9 Jinkergo Jep	UniRef90_F0LZN8	E D H E R M	K	QKRVDGVILIN	M <mark>C STLAGERU</mark>
JAIRGE90_JENDO0425B466  JAIRGE90_JENDO0427B489  JAIRGE	UniRef90_K6BJZ9	SDTASQ	I  R I V EQM I\	/   S K   V   D A   L V I   A	A P A D S K A L V S V L K K A S D
Jinkergo_UPI000425B466 Jinkergo_UPI0003B4098 Jinkergo_RAWZG3 Jinkergo_RAWZG3 Jinkergo_RAWZG3 Jinkergo_E3IG20 J	UniRef90_D9RYT4		FEYIDI LKN	NRWVDGVL	FH <mark>C</mark> DYF
JniRef90_COMM8  D D E E R M N R D' I ETIL IM Q K R V L D G L I I M M F T E  JniRef90_E3IG20  N N P D T E E M Y L S L L K Q K S V D G G I I I G T T T  K S Y K L  JniRef90_E3IG20  JniRef90_C3IG85  JniRef90_C3IG85  JniRef90_U6ZUG0  JniRef90_U6ZUG0  N D P T Q V N Q I Q D L L T Q N I D A L I Y I P A G A A A A T V P V K K A V D  JniRef90_U6ZUG0  N D P V K E R S N I E D L I Q K K V N A L V I A P A D S K A M V V P V I K K A V D  JniRef90_E3IG85  JniRef90_E3IG85  JniRef90_C3IBK5  JniRef		66 GDSATO	VIS OII IO DII I IT	. O O II   D A II   I   Y   I	PAGATAASIVIPIVIKAAKA
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Jniref90_E3IG20 Jniref90_A4IT66 E K A E K E RE RY IL EV L K Q K Y V D G V I T T T T K K S Y K L Jniref90_DIGN9 Jniref90_DIGZUG0 Jniref90_C3UBK5 Jniref90_DSJKS5 Jniref90_DBJKS5 JNIREF90_DBJKS	UniRef90_R4WZG3 UniRef90_I0QRM8	DDEERM	N R C I E T L M C	K R V D G L I M N	MFTE NHCPS
JniRef90_CIGN9 JniRef90_CIBNS JniRef90_CIBNS JniRef90_CIBNS JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_DNINCE JniRef90_CIBNS JniRef90_CIB	UniRef90_E3IG20	NNPDTE	FMYII ISII I IK (	) K S IV ID GIL L L I (	GTTT KSYKII
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JAIRE990_D3G056 JAIRE990_D3G056 JAIRE990_D3G056 JAIRE990_D9G0047133F0 JAIRE990_E3LC17 JAIRE990_F2LCL7 JAIRE990_F2LCL7 JAIRE990_F6CM65 JAIRE990_UP1000373E583 JAIRE990_C6CW799 JAIRE990_B2U8T5 JAIRE990_B2U8T5 JAIRE990_B7LGD4	UniRef90_F2A2B0	GDGELQ	ĸĸąvĘ b <u>Ę</u>	RKVDALIV	LADGDÜGGQLT PIAI G
JAIRE190_D3G056 JAIRE190_D3G056 JAIRE190_D3G056 JAIRE190_D9G0047133F0 JAIRE190_D9G0047133F0 JAIRE190_E2LC17 JAIRE190_F2LCL7 JAIRE190_F6CM65 JAIRE190_C6W799 JAIRE190_C6W799 JAIRE190_B2U8T5 JAIRE190_B2U8T5 JAIRE190_B2U8T5 JAIRE190_B0K4J6 JAIRE190_D1900046E7C3E JAIRE190_D1900046E7C3E JAIRE190_D1900046E7C3E JAIRE190_D1900046E7C3E JAIRE190_D19000373E938 JAIRE190_D190003601331 JAIRE190_D190003601331 JAIRE190_D190003601331 JAIRE190_D19000375C3 JAIRE190_D19000375C3 JAIRE190_D19000375C3 JAIRE190_D19000375C3 JAIRE190_D19000375C3 JAIRE190_D19000375C3 JAIRE190_D19000375C3 JAIRE190_U19000375C3 JAIRE190_	UniRef90_C9P489	GGIEKQ	R D Y I   R M L A F	K R V D G M L V	ACS DILIT E EIL LIE MILIE S HP
JAIRE190_UP100047133F0	UniRef90_T2LBC9	GDTNTE	SNQVDTAI	NGAKAI I L	PANADG <u>SIGA</u> VRRAIE
JniRef90_B8G637	UniRef90_Q7NTN8	DDPAKQ	QA SIVIEDILI J	SKKN S 🔼 I L I 🖟	N P T D S S A V A N V V K E A T S
JniRef90_B8G637		FO DDINKO		KGVDVLLL	NPKDPDALVGVTKLAKA
Dinkef90_UP10003601331	UniRef90_B8G637	NNLERE	RVYVNVFV	R R Q V D G L I F	/ATGDQSPS LEELLQ
Dinkef90_UP10003601331		D N Q F K F	KNYLKIVLQE KNYVSIII	KKIIDGLII KQVDGIIF	A S A G E D I V   L   A T A E T D <mark>H</mark> Q V I R F V <del>H</del> A K N
Dinkef90_UP10003601331	UniRef90_UPI000373E5	83 NDPAKE	V S N M Ě D L Š Š	ZK NVDŽVL LI	PVDSDSALASVMVANN
Dinkef90_UP10003601331	UniRef90_C6W799 UniRef90_B2U8T5	RSALKQ DDPRKO	V E Q V E S F I Q R D Y I R V I M E	BUGIVIDAII I MIN	N P A E V E A S S P A L K L A M D
Dinkef90_UP10003601331	UniRef90_B0K4J6	NKREKE	FQYIEMLK	IR WVD GI I	<u>F</u> H <mark>C</mark> DYF
Dinkef90_UP10003601331		CAL G D P E K E		Q G V D G I V L	ATVD KEDSKSI QYLKE
Dinkef90_UP10003601331	UniRef90_Q7CV87	N D V G K Q	ไร้โจโงโจ ก็คิ้งใ	A G V D A L L VI	N P V D T D A T VALS Q A A A A
JniRef90_E3DL11  D N H E K E K K A V E L F K S K Q V D G L T V S L S L G N E E I L K E L K A D L J N R E P M S K Q V D G L T V S L S L G N E E I L K E L K A D L N R E P M S K Q V D G L L V M C S D D M S R E P M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D D D	UniRef90_A8F7K2		S Q A L T T E L E	RRYEGLLI	S P F G Q N T E D F E K L L K M N
JniRef90_E3DL11  D N H E K E K K A V E L F K S K Q V D G L T V S L S L G N E E I L K E L K A D L J N R E P M S K Q V D G L T V S L S L G N E E I L K E L K A D L N R E P M S K Q V D G L L V M C S D D M S R E P M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D M S D D D D	UniRef90_UP100036013 UniRef90_N0ANU8		V S QI E N F II A	XXXIDELLV	NALVOPKALIAPILIKKARE
JNIRE190_UP1000231E318B	UniRef90_E3DLT1	DNHEKE	KKAVELFKS	KOVDGLIVS	SIGNEELLKELKA
JniRef90_B8I2K0  Y D P N T Q I N Q V E T MI S D G V D A II I L N P Q D A K A C A V A V D D K A A A J N Ref90_A6VNL0  JniRef90_UP1000248DDDF  N N L L R E E R N I S L L K Q K S V D G I I L A T G V R N D A I L K D L K K J D L R E E R N I S L L K Q K S V D G I I L A T G V R N D A I L K D L K K J D L R E E R N I S L L K Q K S V D G I V F A S D V L Y P E T J D N F H E K Q V D G I V F A S D V L Y P E T J D N F H E K Q V D V I M L N A V D A K A I A P A V K K A Q A D Q D Q E E K C I N H L L E I G A C G V I A S I A Q E T K N F S H F S R L T T J N R S P S S F I K Q I D V D I D V A I D V S D S S S S I K Q I D V D I D V A I D V S D S S S S I K Q I D V D I D V A I D V S D S S S I K Q I D D V A I D V S D S S S S I K Q I D D V A I D V S D S S S S I K Q I D D V A I D V S D S S S S I K Q I D D V A I D V S D S S S S I K Q I D D V A I D D D V A I D D V A I D D D V A I D D D V A I D D D V A I D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D D D V A I D		SR GGIVIDKO C3 GDIVICKO	KUYIIKMLA( USQIIQNMII4	K K IV ID G IL L V II V O K IV IF A II I V III	NV VD T D A T P K M T R M A I D
JniRef90_A6VNL0  N N P E K   K N H L   E M L   A K K R V D G   L V M C S E Y T A D S L D L   JniRef90_UPl000248DDDF  N N L L R E E R N I S L L K Q K S V D G I I I A T G V R N D A L L K D L K K A L A P A V L Y P E T V L Y P	UniRef90_B8I2K0	YDPNTQ	ĮŇ QVĖT MIS	D G V D A I I L I	PQDAKA <mark>C</mark> AVAVDKAAA
JniRef90_W4CW43  R D K E R M L S Y I D N F H E K Q V D G I V F A S D  Y D L N K Q V S Q V D S F I A A G V D V I M L N A V D A K A I A P A V K K A Q A  JniRef90_UP100029A2B68  JniRef90_S6EIK4  G N E D R L E Q N I Q T L I Q K Q V D G L I I M Y S D S H S F I K Q I D V A I P	UniRef90_A6VNL0	NNPEKU	K N <mark>H</mark> L   E M L   A K	K R IV ID GILL VIII	MCSEYTADSLDL AT GWRNDAI I KDILKK
JniRef90_Q98FV9 Y DL N K QV S Q V D S F I A A G V D V I ML N A V D A K A I A P A V K K A Q A JniRef90_UP100029A2B68 D Q G D Q E E K C I N H L L E I G A C G V I A S I A Q E T K N F S H F S R L T T JniRef90_S6EIK4 G N E D R L E Q N I Q T L I Q K Q V D G L I I M Y S D S H S F I K Q I D V A I P	UniRef90_W4CW43	RDKERM	LSYIDNF HE	KQVDGIVE	ASD VLYPET
JniRef90 S6EIK4 GNEDRLEQNI QTLIQKQVDGLI IMYSDSHSFI KOIDVAI P	UniRef90_Q98FV9	Y D L N K Q	VS QVD S FI	A G V D V I ML	NAVDAKALAPAVKKAQA
	UniRef90_UPI00029A2t UniRef90_S6EIK4	ONEDRE	EQNIQTII	K Q V D G I I I I	MYSDSHSFLKOIDVAIP

QUERY UniRef90\_Q65WJ0 UniRef90\_I4XZE8 UniRef90\_S9R6K5 UniRef90\_UPl00030C629D UniRef90\_UPI00030C629D UniRef90\_UPI000346B44A UniRef90\_X5SMS1 UniRef90\_W8IDZ2 UniRef90\_UPI000248CE77 UniRef90\_E3HAW8 UniRef90\_Q2SMT1 UniRef90\_D6XZR1 UniRef90\_I2BEM7 UniRef90\_UPI0004087EA0 UniRef90\_UPI000467F268 UniRef90\_H4F2U7 UniRef90\_UPI00041D43EA UniRef90\_E3PV73 UniRef90\_K9HHT9 UniRef90\_UPI0004070B60 UniRef90\_D7CV92 UniRef90\_E7AYC6 UniRef90\_W4BRP8 UniRef90\_UPI000370CBAA UniRef90\_UPI000370CBAA
UniRef90\_UPI00038746DF
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UniRef90\_V3TQN6
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UniRef90\_UPI00037EC0F0
UniRef90\_UPI00037EC0F0
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UniRef90\_UPI0003667A6F
UniRef90\_H1PNP7
UniRef90\_H3VVH4
UniRef90\_R7PLJ3
UniRef90\_A0A024QEX3
UniRef90\_UPI00026258E2 UniRef90\_UPI00026258E2 UniRef90\_UPI000471AC01 UniRef90\_C9PS23 UniRef90\_A4SMB8 UniRef90\_F0LZN8 UniRef90\_J1RKI4 UniRef90\_K6BJZ9 UniRef90\_D9RYT4 UniRef90\_I4YNZ3 UniRef90\_UPI000425B466 UniRef90\_UPI0003B409B8 UniRef90\_R4WZG3 UniRef90\_I0QRM8 UniRef90\_E3IG20 UniRef90\_E3IG20 UniRef90\_A4IT66 UniRef90\_F0LGN9 UniRef90\_U6ZUG0 UniRef90\_G2IBK5 UniRef90\_G2IBK5
UniRef90\_UPI000395B6F4
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This state	OLIERY	130 140 150 160 160 17 K E M O K R G W D V K E S A V M A D T A N E D T A R R R T T G S M D A D K
This state	UniRef90_Q65WJ0	LYKEMQNRKWDVKDTAVLALTADELDTARRTEGSI EAL I
	UniRef90_I4XZE8	MAGEAK KRGWDWK DTY AV LTTYNEL DTGK KRTDGSVK SLE
JARRESO D-1900040576070  JARRESO D-1900040576070  JARRESO D-1900040576070  LK ALL GG G G N I V V ELL G G G L A G D T T S A A R E R G G G F N N A A C L A G K G F H N A A C L A G K G K G K K A C K G K G K K A K L A C K C M K K A G K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K L A C K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K C K G K K K K		I VDQI KARGWNMK EVYGAI KVS Y DQLP I AKE KIVE GAI SV LK
JURIANESS DEPOSONO DEPOSONO PRODUCTIONS OF THE PROPERTY OF THE		I S D E MK K R G WK P E FVIGAL RIVIT D Y E I P T A KI R T D G A T O T I I
JURIANESS DEPOSONO DEPOSONO PRODUCTIONS OF THE PROPERTY OF THE	UniRef90_X5SMS1	L F Q Q M G G K G Q V L L V D G T P I Q T I I D R I N G C K T V
J. J. R. R. J. R	UniRef90_W8IDZ2	FVKLMGEKGN VELLGREAD LINAGURSKGY HDV MD
J.   J.   J.   J.   J.   J.   J.   J.		I LIKAJI GGKGNI VELLOGI AG TSAARDRGKGFHNAIVID
J.   J.   J.   J.   J.   J.   J.   J.		
June 20	UniRef90_D6XZR1	L I E L V G D G A D V A E L E GI S G S S A A R E R G E G F N N V A A
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June 1995   1997   19	UniRef90_H4F2U7	FVKLMGEKGNYAELVGKESDT NAGIRSQGYHDVID
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Jinkelso   Optovs		I VE ALDGOGRIV VIELLOGIVE GOGFHEAIVE
Junkelgo (Jenoso) E7AYC6 Junkelgo (Jenoso) 2008AA Junkelgo (Jenoso) 200	UniRef90_UPI0004070B60	L  N K K G K Y  V  E
Junkelso Directory of the state		V D R L G G E G N V V I I N G P P V T A V I D R V E G C K S V F A
Junkeley 0, 1910,		II VIE OII IGK GAKIV I IEII IE GSPG ASATRERGK GEH
Jinkergo   JP00003746DF	UniRef90_UPI000370CBAA	A   L   A Q K   L   G K G G K   V I I I   E G N P G A D N A H Q R K M G F E D S   I   K
Jinkergo   Jinkova   Jinkergo	UniRef90_I2EQ00	ILIK E K G K YIVIE ILI IGIL VIG D N N T WA R S G G F H SIV VID
Junkelgo Upiloo0346ADC7  Junkelgo Bahlaha  Junkelgo Bahlaha  Junkelgo Junkelgo Junkelgo Bahlaha  Junkelgo Junke		II IGDTII IGKGAKIVI I I IEGNPG ADNAKORKEGEMRSIVIE
Jinkergo Upricocorectory  Jinkergo Upricocor	UniRef90_UPI00036739C1	L LEVHGK RALISGPLTLSTSRERVEGYRRALR
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Junkergo UP1000376COB Junkergo UP1000476COB Junkergo UP100036COB Junkergo U	UniRef90_V3TQN6	YLISQGYQKII ACIAGPQDKTTAYNRLVIGYRNAMN
Junice190   191000366746F	UniRef90_UPI0003766C0B	A E K       N K A G K   V V   E   L   E G       A G
Jornelson (1974)  Jornelson (1	UniRef90_UPI00037EC0F0	MAEILLIGKGAKVI QII EGILAG TSAARDRGEGFAQAVK
Jornelson (1974)  Jornelson (1		I VEKILIGGKGKIVVELEGII PGTT AARDRGEGFNKAI
Jinkerson Castana	UniRef90_I3VVH4	T K VII   I   C O C   K K II   C   V   I   C D   I   N C M K E T   V   D C   V   D D   I   V C E   I   D A M K
Jinkerson Castana	UniRef90_R7PLJ3	L M E L V G E G A K V A E L Q G V P G A S A T L D R G E G F H Q V A D
Jinkerson Castana		I A E QIL IK E I GKII VIELI QGI IA G A SA TRERGKGEHNI VID
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Jurikef90   Jirikef90   Jiri	UniRef90_C9PS23	
Jurikef90   Juri		I I Q K L G A G A K V I QL E GI A G I I S A A R D R G E G F A L A V A  I I A C G H T O L G C L T G P L L R O O A O M R Y E G Y K R A L L
Jurikef90	UniRef90_J1RKI4	LADSLGGKGKVAFLEGQAG TSÄARERSEGFEEGLK
JURINEGO DE AVAZGA  JURINEGO DE SIGZO  JURINEG	UniRef90_K6BJZ9	YLATKLKAGDEVGI I EGVPTTTNAQQRTAGFKDAMD
JURINEGO DE AVAZGA  JURINEGO DE SIGZO  JURINEG		I T K AIVID G K A TILLIOLIE G T T G SSPAND R R K G E E D Y I K
JURINEGO DE AVAZGA  JURINEGO DE SIGZO  JURINEG	UniRef90_UPI000425B466	VCKVTGGQGNVALIQGQLGTTPE QDRDKGFTEALE
Jurke190	UniRef90_UPI0003B409B8	DYLIKNGHKKUG <mark>C</mark> ITGPLGM LNSYRRYQGYVEALS
Jurke190		VILLA OG V OHU ACIT GPU DKTTS OOR I DG V R OA I R
Jurike190_ C10LGN9	UniRef90_E3IG20	IL VISILIG HEKILIAII I ILIG NILIS RTSDKYRILIQ AYRQIVIME
Juirkef90	UniRef90_A4IT66	L YD
Juirker90		I I K Q A G G S G K MIVI I H G Q K G I I P E VID R I K G C M E S V K
Juirker90	UniRef90_G2IBK5	V LEKFGTTQNVNIV EIQGIPGASATRDRGAGFHSVLD
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UniRef90	UniRef90_F2A2B0	VCRLLNGKGNLAVLIGEPFHAAA
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UniRef90	UniRef90_T2LBC9	QLDGEGSYLL ELKGPPSDNNAATRSNGYETVLS
UniRef90	UniRef90_Q7NTN8	L L D K L G G K G R L V E L E G L A G S S S A A R E R G E G F H Q V V D
UniRef90		K TIL LIE K G K K I A HIL S G P Q S II K I A K L K L Q G Y L L E V V G
A   C   N   N	UniRef90_B8G637	GLQATRYLLERGHRRIGCITGPSHLTPSADRVVGYRQALT
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A   C   N   N		A Y L JA I K H L L JUL G H K Y IL A MVIS E P L II II I S S II E R L E G Y Q Q A L E
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UniRef90_UPI00031E918B	UniRef90_N0ANU8	ARQAVQYLKSI GCKKI AHVRGPENI INSDERFNGYLAFVK
UniRef90_UPI00031E918B	UniRef90_E3DLT1	MLK KGYKKLAHITGDĒKTTT <u>ĀR</u> DRLĀG <u>Y</u> KKĀLN
UniRef90_A6VNL0	UniRef90_UPI00031E918B	II I ID N G H I DII I A CII IS G H F F K M A CII IF RII IA G C K R A II IA
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UNIKEISU_W4CVV43   LIDLIGHK DILGMILGFNHDNSVSGPPRYEGFVRALIT UNIKEISO_Q98FV9	UniRef90_UPI000248DDDF	HLIEQGHRQIAVIAEDTLVMSSQERURGYRFALE
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UNIREIBU_UPIUUUZ9AZDOO ARELLII <mark>UN FI</mark> N DIN GARRII A <mark>U</mark> LIAGPRINILISII ISRERIAGIILISAILLI	UniRef90_UPI00029A2B68	A RELIT CHEHD NGAKRIJA CLIA GPK NLISIJS RERTA GYLIS AL LI
UniRef90_S6EIK4 ATKCLIEQGHKALALITGNLNKSLAQNRLQGYKKALN		ATK <mark>CLI</mark> EQGHKALALITGNLNKSLAQNRLQGYKKALN

QUERY	170 180 190 200 A A G F P E K Q I Y Q V P T K S N D I P G A F D A A N S M L V Q H P E V K H W L
UniRef90_Q65WJ0	KAGEPKEKI YKSPTKSNDI PGALDAANSMI VQHPEVKNWI
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UniRef90_UPI00030C629D	K HPDÜKI VAQQAADFDRGKAMSVMENI LQANPEIDAV
UniRef90_UPI000346B44A UniRef90_X5SMS1	KNGFLAQNI FDAPQSKTDTEAALNAANVVLNKNAGLKKWV K HPDIKI VAQQAADFDRGKAMSVMENI LQANPEI DAV ANGFKKENI FDAPQKTTDDEGGFNAASPVLAQHPNI KKWV AAKFPDIKI VGQQASKNDRASGLAVTTDMLTANPDVTGI
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UniRef90_UPI000248CE77	GKDGVKTVASQPADFDRAKGLSVMENILQG <u>N</u> KDIAAV
UniRef90_E3HAW8 UniRef90_Q2SMT1	N N L T V V A Q Q A A D F D R T K G L D V M E N L L Q A V P E L D A V L R K E C S G M K V V A E Q T A E W S R L K G N D L M T N W L S A G L E F D A V L
UniRef90_D6XZR1	D AII NII VITAOTANENRAEGII ITIVIMENII II IQGN PDII ITGIVI
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UniRef90_H1YHQ1	Y Y P G L  Q <u>M</u>  V  A Q Q <u>S</u> A D F D R N K G L  E  V  M E S  I L  Q A <mark>H</mark> P D  I  D G  V  F
UniRef90_E3PV73 UniRef90 K9HHT9	G T E I E V V A K Q V A D F D R T Q G L S V M E N I L Q A Q P E I D A V P V E G I E V V A S Q P A N F D R T K G L N V M E N I L Q A Q P E I D A V
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UniRef90_UPI000370CBAA UniRef90_I2EQ00	E G G
UniRef90_UPI0003B746DF	ESGFPADKI <u>F</u> GSP <u>V</u> KTTD <u>V</u> PGGFD <u>ASDV</u> IITQHPY KR <u>WL</u>
UniRef90_E1R2W2 UniRef90_UPI00036739C1	A Y N F D LLASRTAHWETEEANTVMTNLLTKYPDVEGI EAGITPREEYIIRAGAYKEEFGYQAVRELLMGKHP VEA
UniRef90_UPI000346ADC7	KS ILIDIV VISKUSAKENKI EGILINIVII UNII I IUA TPUI IKAII I
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UniRef90_S6EIK4	



	250 260 27 <u>0</u> 280
QUERY UniRef90 Q65WJ0	SKAQATGFYGSLLPSPDV <mark>H</mark> GYKSSEMLYNWVAKDVEPPKF SKPRATGFLGSLLPSPDI <mark>H</mark> GYRSVELLTKWIREGVEPEKY
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UniRef90_I2BEM7 UniRef90_UPI0004087EA0	KANEGGKI GATIVA OOPEOH GIVI GIVOTA DKIVI KGEKIVIDA
UniRef90_UPI000467F268	KAVKAĞK <u>M</u> DATV <u>AQQPALI</u> ĞSL <u>GVEVADKLLKĞEKV</u> EE
UniRef90_H4F2U7 UniRef90_UPI00041D43EA	KAIVIERGQMAATII IAQQPEILTIGAKGIVIEAADILTTIKGET PDS
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UniRef90_E7AYC6 UniRef90_W4BRP8	KS LE A G K L T G T V A Q Q P E L I G Q L A I Q A A K D V L E G K T V E K
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UniRef90_I3VVH4	ILIA EIVIT R P AILIA TIVIA Q P M Y DII IG AIVIA A R MIL I IKII I ID N K KII IS E K K
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UniRef90_UPI00026258E2 UniRef90_UPI000471AC01	A A V E E G T M D A T I A Q Q P K L I G E N A I D A A G S V V S G E S V D E Q Y L K E G K L A V T V Y Q N A R D Q G K R A I E M A I K A A R G E K L P E E
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UniRef90_D8MK95 UniRef90_UPI000395B6F4	T P P II IT T II I I I I O P K D F II I I G F II I A II I D T II I I I I I I I I A F P G G S O O II
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UniRef90_D3G056 UniRef90_UPI00047133F0	LITE PELISTES OPE Y DMGL LATNTEL KAMEGOC Y E QM
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UniRef90_UPI00023757C3 UniRef90_B8I2K0	
UniRef90_A6VNL0 UniRef90_UPI000248DDDF	II   S K F S A P P L   I   I   I   I Q S K A K L   G E K A L   Q L L   F E R I   Q D K T A K R E L   A T L L   D P P L   T T V A Q P I   Q E M G Q T V V D L I L   R I I   N D K N S T K Q R
UniRef90_W4CW43 UniRef90_Q98FV9	I S R F S A P P L T T I H Q S K A R L G E R A L Q L L F E R I Q D K T A K R E L A T I I D P P L T T V A Q P I Q E M G Q T V V D L I I R I I N D K N S T K Q R I P K L T T I A Q P I Y E L G Y R A A E M L H E L L T T G G V Q V L N L S S G S S M I K A S A S Q D P Y V M A G Q S L T M A A E L L A G K K P A E A H A T V V E P P L T S V A Q P T E E M G L E A A K M L I E Q I E N G L Y Q V P R A P P L T T I H Q P K A E L G K L A V E T L L E R I K T P H K S E Q
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UniRef90_R4WQH1 UniRef90_M7NK87	K P K V	A L T V M T L D N P Y F V A Y K E S L E E V A K A E G F E A I V E G A G L S I P A S D D V F R N K I I N A M E N E A K N L P D T V V V N A K A K A L V M K S L A N E F F L T M E N G A K E A H N A S Q F D L I T N G E G V V I P Q I V H H F F S T V I A G I E D V A N D A G Y Q V I I C S N A F S V P A M S F P F F V H M E K Q V R D E A A R I G I E I I L D G Q G F I I P S I Q N P Y F T Q M A D V I D R A A K E L G F R I L L C N E G M L I P N S S N P Y F A E I V R I V E D R C F G A G Y T L V L C N T G V I V P E L A N H F F S S V L S G I E L I A E E H D Y Q V I V C S T A V I V P E I A N S F F S Q A I N G I E E I A R A H N Y H L I Y Q T H G F S Q R N I A S E W W E Q L V R L A K M E A E H L G V K L V Y D A G A V I V S D I T N P F F T T I A R G V E D T A I S K H F T V I L N T D G V S M K T L S A P Y F A A Q M E A A K A R G K E L G Y E V L T D A Q G L A V P N L Q A D F F N Q I K L G V E K Y A K E K G I D V V V D A K G M I I T T S E S P F F A E I V L A V E E Y C Y R K G Y S L L O N T Q G G V S K T L T N E Y W R S L G E G Y Q N V G K K Y G F T V A Y Q A A A I I V P D I S N P F F S E L S R A V E D T A N K L G Y N V L L N S D G G V S K T L T N E Y W R S L G E G Y Q N V G K K Y G F T V L S H G M S L S T L N N P F F S E L S R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L G R A V E D T A N K L G Y N V L L N S D G G N S L S T L N N P F F S L S R A V E D T A N K L G Y T L V L S H G M S L S T L N N P F F S L G R A K A A K S L G Y T L V L S H G M S L S T L N N P F F S L S L S A K G A E A K A A K S L G Y T L V L S H G M S L S T L N N P
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UniRef90_UPI000467AB61 UniRef90_UPI000377A130 UniRef90_Q21NF9	T I T I <u>Y</u> S I	GL L I PDI RNPFFI DI SRGVEDKA HESGYNVI L NI D GV V V T SI A D P F Y A EV V E GI E Q V A R T A G L S V L L S A H V V L V P DI A N P F F S L V I R A I E D Q A Q R G Y A V L L D T Q
UniRef90_E8LN36 UniRef90_Q2BWS5	D K L K I T K T L	G MS L S T L N N P F F V Q M K E G A Q A E A E A A G V D L V T D A Q A I L V N S L D N P Y Y S A E A K G A E A K A K S L G Y T L V L S H G A V V L K T L A S E Y W G Y V K A G C D A A A A D L G V K V T V V A E G L M I P D I A N P F F A E A A R S I E D Y A Q E Q G S D L I V C S T G V S T L T L Q H Q F F I D I D E G L K E K A K E L G V K V I V N D D G V S M S Q F D D T W L T Y L R E S M D K K A K S Y G V Q L Q F D A R G V S L S D L G N P F F V R I A E G V E E T A H R A G P S V V V S S A L V V V P D I T S A F F S Q I L R G I E H V A I E H G Y Q V I L D T E G L I P P E V V H H F F S S V I N G I I E H V A I E H G Y Q V I L D T E G L I P D L T N P Y F P A M V R G I E D E A R R N G Y T V L L E T D G V A L P D L T N P Y F P A M V R G I E D E A R R N G Y T V L L E T D G L L I P D I R N P F F T D I S R G V E D K A H E S G Y N V I L N T D G V V V T S I A D P F Y A E L V L G I E Q V A R T A G L S V L L S A H V V L V P D I A N P F F S L V I R A I E D Q A Q K R G Y A V L L D T Q G M S F Q E M N N P Y F V T M K E A L E E A C A S V G A E V V I D A R G M L V T T S T N P F F G E V V K G V E R H C Y H K G Y S L L C N T G V I V P R L V N P F F S R L V N S I E Q E A F K N N Y Q V I I F Q S G M L V T T S T N P F F A E V V K G V E R H C Y H K G Y S L L L C N T G V I V F R L V N P F F S Y L V N S I E Q E A F K N N Y Q V I I F Q S G M L V T T S T N P F F A E V V K G V E R R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R P C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R C Y E E G Y S L L L C N T G L I T K T E T N P F F A E V V K G V E R C Y E E G Y S L L L C N T G L I T T A S D G V L R
UniRef90_I0JMB1 UniRef90_M4UKX2 UniRef90_D3PWQ9	T I T L D G L K I	G ML VTTSTNPFFSYLVINSI E QEAFKNNY QVI I F QS G ML VTTSTNPFFAEVVK GVERRCYEEGY SLLLCNT GLITKTETNPFFVK MKDGAQKAAKEAGAELITTASD
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UniRef90_UPI0002881B99 UniRef90_Q89I57 UniRef90_F2ZND4	ETKTI I TI	SI I VNDPSNPYWFTEGEVAKATAEELGYDANVAAHLVVVPTIMNNVFPQIIGGIDSAANELGYKVLLNTNGVSLGSLGNPFFVALSKGAEFEAKKANPNVKVTTEGLLIPNGMNPYFAELARGIEDYCERNGFCVILCNS
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UniRef90_A8F6R8 UniRef90_U7VDU7 UniRef90_A1STY3	T   I P T K   I D K H T   I	A F   S S N   S N P F Y E Q V   K G M N Q A A E D F G Y M L L I T N N G V T V Y R Y D D N F M S T V R Q R   E E V A K D K N V E I L M N S Q A L V M K T L T N P F F K E M E R G A R R A E K D L G I N L L V A Q E G L I L P D I V N P Y F P V L A R G   E D S A R Q M G F S L I S N T D
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UniRef90_W4QWZ1 UniRef90_X5A1B0 UniRef90 I2GE89	E K [L]T [I	T V V V P DI S N P F F S K V L R G T E Y V A A A N G Y Q V L L D T T G V A Q A T L R H Q F Y L D I N N G L D K I A K E N G A E V L T N D P G I I V P E F V S F F F P K V I I G A Q N V L A D A G Y N V V I C S N
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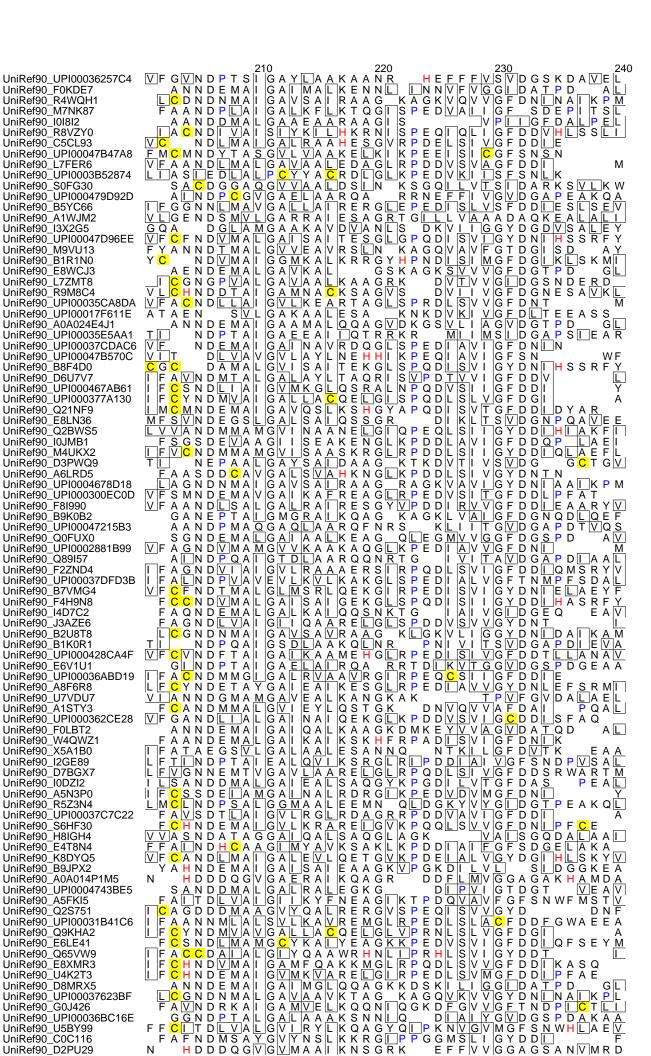
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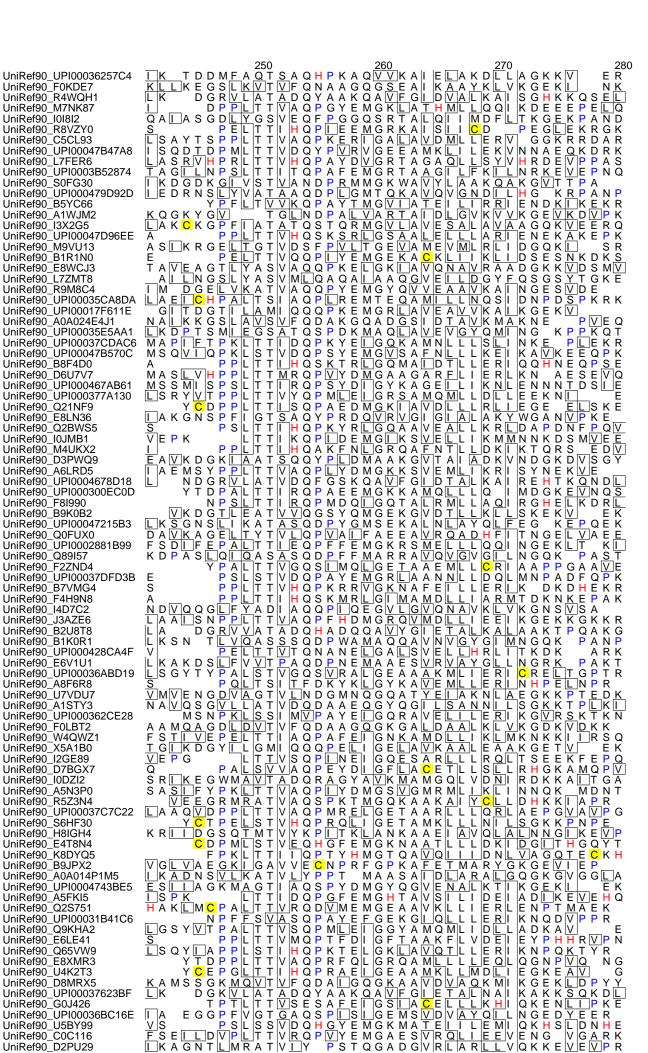
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UniRef90_D8MRX5 UniRef90_UPI00037623BF	K Y
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UniRef90_G1UB43 UniRef90_L1QEP8 UniRef90_UPI00047BC030	V GLI F P E I T N P F F A E L V Q E T E S A L F K Q N Y K V I L N A G T Y T I G F I I P D I E N P F F S E M A K A I E S E A E K Y G Y S M I L C N T T I G M I V P D I S N E F F S T V V L E I E K F F F D R G Y S V I C N A S	
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UniRef90_UPI00046EFAF3 UniRef90_B5YAE4 UniRef90_D5UL26	D K G T V G V S M P D K S V A R W A D G A N M V K T L K E K G Y D A L Q Y A E L K I G L S L A T L Q E E R W H K D R D E F V K A A T K L G A K V L V Q A A T K T L A L I I P D L E N P F F I S I L K G F D D K A N K L G Y D T I L C N T E D Q F F K L M S A G Y E A A A K D L G Y E I L S N V T T A V L V P L L T N P F F A Y L L E G I D S V A T K Y N L Q L L V C T K T M T F G L V V P D N S N P F F A E L A R V I E D V G F A S G Y T M L L N A M T L G V I V P H I R G Y F F P A V M N G I E N V A S Q A G F N V M M C S N E S K T L G V I V P K V D H H F F S E I I N G V I E E A E K N G Y L V I S D S G K R T I G A L Y M T M N N P Y F E V I N E E I K A V V E S K G D V L T R D S G I G L I V P D I T N P Y F P E L A K A V E K T A Y K H G Y T V V L C N A D T A T I G L I V S D V R N P F F T E V S R A V E D A A Y A Q G M R V I L N T D Q S M T I G V I T Q A V E S P F F N E L L K G I E E G L Q G S G Y S L M A S G H I G L I V P N V S H P F F G E L A S H V E F H A H R S G F K V L L N S H I L L L V P D I G N P F F S A I L S G I E Q G A S K A G Y N V L I D T Q D D M Y I P V V S K G Y Q H E F W Q T V K L G S D T A A K E L G V K T N F V S E E G L Q I A L S Q R N I A S E W Y E Q L V R V A Q L E A E H L G V K T N F V S E E G L Q I A L S Q R N I A N P F Y T E V V R G I E D R L A R K N G Y G I L L C T Q T L G V T P R L S M T F F G T L A A G V E N A A R E N S Y K L L M N S L D K P V V G F S I D D L R V E R W A R D R D Y F I A A A K D L G A E V V V T S A T L G V D I R N F E R W A R D R D Y F I A A A K D L G A E V V V T S A T L G V D I R N F E R W A R D R D Y F I A A A K D L G A E V V V T S A T L G V D I R N F L T V L R N G L E A Y A S T L G V D V I E D A Q E T K T V A F V V D D D T F M T G V R N A M T A A A E G V A T L D I V D S Q T K T V A F V V D D D T F M T G V R N A M T A A A E G V A T L D I V D S Q T K T V A F V V D D D T F M T G V R N A M T A A A E G V A T L D I V D S Q T K T V A F V V D D D T F M T G V R N A A R E A S E G L C L L C T T H	
UniRef90_A4XIP1 UniRef90_Q21MY1 UniRef90_UPI0003F8AD71		I
UniRef90_S9R5T1 UniRef90_W4CG19 UniRef90_UPI000425641C	TV GVS MALF DDN FLTV LRNGLEAYAST LGVDV I EDAQ ETPKI GVAI YKFDDTFMTGVRNAMTAAAEGVATLDI VDSQ TKTVAFV VDDVTGPFYAYLARGVEQQAASEGLCLLCTTH	
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UniRef90_UPI0003679CCA UniRef90_R5NP80 UniRef90_H8H119	T Y L M G L V V P D L M H P F F A E V A R G I S K G L R A K G Y S L V I S S D K I Q I G L T V D S F V I E R W I R D R D V F V A T A R E L G A E V V Q D A G K P V I G L S L S T L N N P F F V E L R D G A K K A A A A A G G A D L V V D A Q	
UniRef90_Q1ARR7 UniRef90_UPI0003FE9513 UniRef90_UPI000467A24F UniRef90_S6EQM9	P   E   A   V   P   K   A   V   G   F   D   F   WE   T   V   R   Q   G   A   V   C   A   A   K   R   A   E   G   E   V   D   V   Q   Q   E   T   K   T   G   G   I   T   A   T   T   T   T   T   T   T   T	
UniRef90_Q9ZHP7 UniRef90_UPI00037FF641 UniRef90_Q45831	T T T V G V V I P D I S N A F Y A E L T R G I E D I A T M Y H Y N I I L N S D T I G L I I P D I S N P F F A G I A R S I E I E S R K K G Y F L L F D S R T K T I G I L L P D I S N Q F Y P E I V R G A E D V S N I Y D Y N I I L C N S	
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UniRef90_E4Q7X8 UniRef90_R6VH05 UniRef90_E1R6H0	I GLI I P D V S H P F F A E V T K Y I E Y Y A S L N G Y K I L L C N S K Y T I G V V T K S K S S E Y W M S V C S G M E D A A E K E N A E V V I L S P D G I V I G V S L P T Q R E A R W V R D K E T M E A Y A E E L G L D L M A V A D	
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UniRef90_UPI0003708E34 UniRef90_S0ET07 UniRef90_UPI0002559AB8	K P K V G L V M K S L A N E F F V T M Q D G A K E Y A H S A D F D M I T N N E I G L I P E I V H Y F F S N I I L G V I K T A E I S G Y S V I V V Q S I A V V S P A K T S P F H V T L A A A A A E E A K R L G L P P I I D S E Y N I G V V V P E F E N S F F P K V L M G V Q E V M H D K G Y Q V L V M S N I G V I V P E V T D P F A A E I L N G I E E I S K M Y N Y D I L L A N T L G V V V P T I N R Q F W S N S I S G I E N S A Y E H G Y K V I F Q S A	
UniRef90_R5JFJ5 UniRef90_UPI000426534E UniRef90_C9QL13		
UniRef90_R6B586 UniRef90_UPI0002D8419A UniRef90_W0J2M3	T I GV L VS D VS D P F F A D I A R G V E D T A R Q A N F A V L L Q N D K MV I G F A H P D F N D M F L G F L L A G V Q A E A E Q T N V E V V V D A E T Y T L G L L P D I A N P F F A E V A R S V E D R G H E L G Y S I I I C S T	
UniRef90_Q9K631 UniRef90_UPI0003692D12 UniRef90_X4ZVR7	K MV I GFAHPDFNDMFLGFL LIAGVQAEAEQTNVEVVVDAE TYTLGL LIPDIANPFFAEVARSVEDRGHELGYSI I I CST TLGVL IPDISNLFYPAVLRGMEDAAHQSDYNL I I CNT	
UniRef90_UPI0003724C60 UniRef90_I4W0J8 UniRef90_C6W4F1	KKIII AYL PSGMTSPFYSQAAQSASQAGEKYGWSL EAQAP I VAL L PDII ANPFFSEVI RGI EQVAHESGYSV L LETQ I GVI I PEI ANHFFSQL L NGI ESLAYNLGYHVI FQSH	
UniRef90_W2EDD8 UniRef90_E2CJ23 UniRef90_V9RUG3	T Y T L G L L I P D I A N P F F A E V A R S V E D R G H E L G Y S I I I C S T T L G V L I P D I S N L F Y P A V L R G M E D A A H Q S D Y N L I I C N T K K T I A Y L P S G M T S P F Y S Q A A Q S A S Q A G E K Y G W S L E A Q A P I V A L L P D I A N P F F S E V I R G I E Q V A H E S G Y S V L L E T Q I G U L L P D I T N P F F P E L A R G V E D E M Q E N D F R I I F N S D V G V A V H D I Q N P Y F A E V F S A L E S A L E G Q G M F I C N H K T I G V L V P R L S D M V L A T I Y E G L D E A A A E H G Y T F V S N T Q V G V A I Y K F D D T F M T G V R N A M S D A A N G V A K L D I V D S Q M V I G L I F P G M A G H F Y S E I F H G I E A Y C T E K G F G V L I C S D V L I P S I A N P F Y T E I I N G I E D S A I K E G Y N I M L C T D D T R I G V T V Y K Y D D N F M A V V R K A I E K E A A A T G V E L L M N S Q T F T I A S I I P D I T N P F Y P E V E R G I Q D V A D Q Q G Y D L I V Y N T	
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UniRef90_UP100047E0375 UniRef90_R8VU59 UniRef90_D2B241	T F T I A S I I P D I T N P F Y P E V E R G I Q D V A D Q Q G Y D L I V Y N T T K T L G V I V P D L G Y H F F S A V V K G I E A E A F H R G Y S L L L Q T G E Y Q V G V I V K T T A S E Y W S Y V V A G A E A A A E D L G V D A Q I Y A D V G V V V R D I G N P F F T E V L P G I E S R L S E E Q L L L V V C S S	

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UniRef90_Q2S744	WNSQSELERIRLLIARRVDGIILLTGNLN NEQLLDLATQ
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UniRef90_B5YAE4 UniRef90_D5UL26	EDVENERNY I EVLIFSKRIV IDGILI I I PSKSSEI RENLIDLIFRE
UniRef90_A4XIP1	E D V E K E K N Y I E V L F S R R V D G I I I T P S K S S E T R E N L D L F R E E D T A R E A R Y L R L Q E E H G V H G V I I S P T Q A S M A P V L A M H E R G N S P E I A A E Y L K L I E K K Q V D G A I I A S Y E T E T E L E A I E S L R E H S C N A I I L H S E Y S D E K T L Q E L A R Q V D N E Q K Q V N Q V E T L I A K K V D A I A I V P M N S Q V F G E V I D E A H K N D V A R Q L D Q I N N F I A S G V D A L I V N P V D T S A T Q A M S D A A A A A A A A A A A A A A A A A A
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UniRef90_R5NP80	ADTKEQISQIDYFIKKHMDVIVIIARD <mark>C</mark> KALSEAVERAHN DRADKQASDIEDLITRKVKVIIVNATDSDAIJPSILAANA
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Jinkef90 UP1000475A37 Jinkef90 UP1000475A37 Jinkef90 UP3ALIO Jinkef90 UP3ALIO Jinkef90 F4KZD3 Jinkef90 F4KZD3 Jinkef90 F4KZD3 Jinkef90 F4KZD3 Jinkef90 F4KZD3 Jinkef90 F5KZD3		I Y A T G D P QIL Q G A L S A G A S Q G R D
JAIRE690_V9ALIO JAIRE690_F2LLD2 JAIRE690_F2LLD2 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D10004693F13 JAIRE6		FCANDGMALIGAVESOVYAAG KGEOVITI I GVDGNSDA AV
JAIRE690_V9ALIO JAIRE690_F2LLD2 JAIRE690_F2LLD2 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D100046993F0 JAIRE690_F1D10004693F13 JAIRE6	UniRef90_UPI000475AA37	IF A AS DEIVLGMLAVEKQRGVKVGDISVVAFDDVGPLELF
JAINERIPO POTTO  JAINER	UniRef90_W9ALI0	FAVS DVYALGALKELHRLGKKPEDI ALI GFDKI TFSDMA
JAINERIPO POTTO  JAINER		F A A N DV I A A A V LIQE A V K R N I K P E E L QV I G Y D G I E
JAINERIPO POTTO  JAINER	UniRef90 UPI00046993F0	VVT MS DE MAVGALHACQDKGYHPNDLEILIGFDNTRLTT MV
Jinkef90	UniRef90_F6F3B9	CFS DELALGALSALRTVNLSPGDVSIVGFDDVRFARFV
JURINERIO UP1000468D066  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP10003785609  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP10004628CB  JURINERIO UP10004716414  JURINERIO UP10004716414  JURINERIO UP10004716414  JURINERIO UP1000471649CB  JURINERIO UP100047469CB  JURINERIO UP100047469CB  JURINERIO UP100047469CB  JURINERIO UP10004769CB  JURINERIO UP1000366F5469  JURINERIO UP1000366F5469  JURINERIO UP1000366F5469  JURINERIO UP100036F5469  JURINERIO UP1000471641  JURINERIO UP1000471641  JURINERIO UP1000471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERI		FFCSNDEMAIIGAIINALKELIGIIKPEDIIGIIVIGFDNIINIISKYII
JURINERIO UP1000468D066  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP10003785609  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP10004628CB  JURINERIO UP10004716414  JURINERIO UP10004716414  JURINERIO UP10004716414  JURINERIO UP1000471649CB  JURINERIO UP100047469CB  JURINERIO UP100047469CB  JURINERIO UP100047469CB  JURINERIO UP10004769CB  JURINERIO UP1000366F5469  JURINERIO UP1000366F5469  JURINERIO UP1000366F5469  JURINERIO UP100036F5469  JURINERIO UP1000471641  JURINERIO UP1000471641  JURINERIO UP1000471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERI		L VA GNDFNAIVGAII SALLEE A GLIRPE DIVISIV VIGYDNT SILLAAL
JURINERIO UP1000468D066  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP10003785609  JURINERIO UP100037857E  JURINERIO UP100037857E  JURINERIO UP10004628CB  JURINERIO UP10004716414  JURINERIO UP10004716414  JURINERIO UP10004716414  JURINERIO UP1000471649CB  JURINERIO UP100047469CB  JURINERIO UP100047469CB  JURINERIO UP100047469CB  JURINERIO UP10004769CB  JURINERIO UP1000366F5469  JURINERIO UP1000366F5469  JURINERIO UP1000366F5469  JURINERIO UP100036F5469  JURINERIO UP1000471641  JURINERIO UP1000471641  JURINERIO UP1000471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERIO UP100471641  JURINERI	UniRef90_UPI0004635133	V VA Y N D M M A T G T I S V L T D N G F K P E D V S V V G F D D V
JniRef90		FYANNDGMALIGVVEAVKAANLIQ EQVISVFGTDGILPD AY
JniRef90		A F A A N DI MAILE F M R A A Q E R NI R P E DI ISLI G F D D T YILA KI M
JniRef90	UniRef90_G0ACI2	TII   NDPQAII  GSD L AAKQ L KRSG  III  TS V DGAPD I  EAA
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JniRef90		
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JniRef90_UP1000471AA89 JniRef90_UP10003658DD JniRef90_UP100036575D3 JniRef90_UP100036E6EE5		I VI I DNS MSLGAFRAVRASGLRPEDLSFI GFDNQDWI EFA
JniRef90_UP1000471AA89 JniRef90_UP10003658DD JniRef90_UP100036575D3 JniRef90_UP100036E6EE5	UniRef90_C4L1S0	<u>A</u> GDQMAIGVIEATHEHGLHPNDISVIGYDDIEMIQYI
JniRef90_UP1000471AA89 JniRef90_UP10003658DD JniRef90_UP100036575D3 JniRef90_UP100036E6EE5	UniRef90_U2KJ53	FFAVNDDTALGILYSCKRLGFRPEDVSICGFTNGQ
JniRef90_UP1000471AA89 JniRef90_UP10003658DD JniRef90_UP100036575D3 JniRef90_UP100036E6EE5		A S S D L I A A V V I K V A E D F G K K P E S L K V V G F D D V N  N H D D D G G V G A O R A L F O A G R  D F F I M V G G A G S K P W M E A
JniRef90_UP1000471AA89 JniRef90_UP10003658DD JniRef90_UP100036575D3 JniRef90_UP100036E6EE5	UniRef90_UPI00036AF5D1	VA CNNMÜGVGAÑQVLITË HGLIT PPK LIGVAVVGSLPFTTL
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JniRef90_UP100026258DD JniRef90_UP10003B575D3 JniRef90_UP10003B575D3 JniRef90_UP100036E6EE5 JniRef90_UP100036E6EE5 JniRef90_D3T3Z5 JniRef90_C7PW31 JniRef90_UP100047649CE JniRef90_UP100047649CE JniRef90_UP100047649CE JniRef90_UP100047649CE JniRef90_UP100047649CE JniRef90_UP100047649CE JniRef90_UP100036F5469 JniRef90_UP100036E0E2A4A0 JniRef90_UP100036E0EE5 JniRef90_UP100047649CE JNIREf90_UP10047649CE JNIREf90_UP10047649CE JNIREf90_UP1		FUGGDDET AUGULKELISKMNILVPPOLISVVGEANOTESEEU
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		F G E S D A M G E G B A K A A K D A N K K I I I S V G I D G F P I M V V V C F N D O D A M W V I F A I R N II G I T P N D V S I V G F D D S D V
	UniRef90 C7PW31	VEAANDLS ANATI EVAQRS GLRPEDLISV VGFDDIPEAT
	UniRef90_E3UTG2	LVGMNDNTVLGGVRATEGQGFNASNVLGVGINGVDAVSEL
		THE CS NOT LATE A MP DID BALL CLOPED VIOLENCE DE CURVICA LIM
		VIFCNNDAMALIGALIA AII IQAADRKGEDII IYI VIGVIDA II ITFAIVI
	UniRef90_C7PV32	T ASDKUTTN <mark>OMRVLKSKGMRPQDIALVGFSNSDLIELL</mark>
	UniRef90_UPI00036F5469	LIFAASDQMALIGVYEAVRQKGLIRPGDVSVVGFDDLPEVRW
		VISONDDMGLGAKQAIRFAGM DDVPVVGIIDGIFD GI
JniRef90_E1KQU1	UniRef90_W7QG44	
V   V   N   A   C   A   C   S   W   A   K   Q   G   C   K   P   D   D   C   S   V   G   F   D   N   A   C   A   C   S   W   A   K   Q   G   C   K   P   D   D   C   C   D   D   C   C   C   C	UniRef90_E1KQU1	FFAVNDDTALIGILYSCKGMGLRPEDLISLCGFTNGE
	UniRef90_D2TU50	VIFUHS DIVIMALIGALIS WAKRQGILIK PDDILISII VIGEDNII   ALIAEF
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UniRef90_UPI00047AF7DA UniRef90_UPI00040F6149	E LSTTSVDQSPTEMGRIAANVFLREV DSDPKNES PPLTTMRQPKYEIGKLASHVIFQVLEG VQVKE
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UniRef90_UPI00036CB3EC	LASQLTPQLTTVHVPYEEMGRVALRAVADRRQGRKSGDAE
UniRef90_UPI00047D1DCD UniRef90_L0ED39	TTGNTDLTLTTIAHPQQELGKIAAEALLKMLRHEEV DK
UniRef90_J1HAG6	QLKSGNMVGTALQQAALIAEMGAEQADQYLKTGSTGKDE
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UniRef90_R7DCl8 UniRef90_UPI00034CB212	CNPKLTIVSQPTDGIAREVARIMLEHLENGKKESEE R VPLTTIDVQTYEIGKIGCELLLKTLTGKDLNETD
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UniRef90_E4TYE7 UniRef90_F8I8S4	T DIVIANGT OIL D TIVITHS PEIVE A Y WAIVE A MD NILL O Y HILIK P P T K
UniRef90_U2FRN3	T D V A N G T Q L D T V T H S P F V E A Y WA V E A M D N L L Q Y H K P P T K I S A L I D P P L T T I N Q D K E Q I A A E A A D S L V L Q I E D K K K Q Y Q K G P L E E G R L Q G F L M Q S P E F N G D Q G V R L L V Q H L N G E D I P E R A
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UniRef90_F2LLD2 UniRef90_UPI00046993F0	VR DGTMQALAVQGSWQMGHKGLETVIGVI ERKPVPK R PRLTSVVQPMYDIGAVAMRLLTKYMKNEKLEDHM
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UniRef90_UPI000471AA89	T P S L S T I D Q Q A V N M G K E C A K L F L K I K K K G G S N K T E L P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S H L M C E P V T P Q L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T V Q Q S I P E M A E R A V I L D K K I K N E E I S S M L T T T V Q Q S I P E M A E R A V I L D K K I K N E E I D K C I M T T T T T T T T T T T T T T T T T T
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UniRef90_F5YM97 UniRef90_I0L6N1 UniRef90_UPI00037C8901	T V I P ∐K V	GL AS Y N QS D I Y I N E L V S C F K E E C N R E E I N I V Q D F G L V Y P G V Y H P F F L E V L S G I K A A L H K S G Y D I L L F T G L M I P D I F N L F Q Q Q L F S M I E R H L E S L G Y T L F F L I D L V F N D L D S P W A V E I I R G V E D V A R A N G V G T V V S F G L V T K T E S N P F F V K L R D S A R A Q A K K Q G G E L I A L S A F I C K S Y S D A F C V W V K D E I E K N A K E N Q F D V I F D S G L I L P D I E N P F F A S L A K V I E E E V D K R G Q S L I L L N G I V V P E L G G P F Y S G I L Q S I E G Q L R Q L G Y H V I T A C A I I L P E I A N N Y F S L A I N G I E E V A Q D Y D Y H L I Y L T A C A I I L P S I W H P F F S E F A Y H V E K E L L K Y N Y K L I C N F G L I V D S E V L P R W I R D R D V E V A T A R E I G A E V V D D A G L I V D S E V V D R D R D V E V A T A R E I G A E V V D D A G L I V D S E V V D R D R D V E V A T A R E I G A E V V D D A G L I V D S E V V D R D R D V E V A T A R E I G A E V V D D A G L I V D S E V V D R D R D V E V A T A R E I G A E V V D D A G L I V D S E V V D R D R D V E V A T A R E I G A E V V D D A G L I V D S E V V D R D R D V E V A T A R E I G A E V V D D A G L I L R S L S A S A Y B S L A K D R D V E V A T A R E I G A E V V D D A G L I L R S A S A C A K A R A R A R G N G T S A T A R E I G A E V V D D A G L I L R S A Y B S A R A Q A K K Q G G E L I A L S A R A Q A K K Q G G E	∐K AH SD
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UniRef90_R5D0R9 UniRef90_C0BXS6 UniRef90_A0JW28	DT [KI ESMTL	GL V V R G V S N P F Y T D I T R A V E D G I T A E G F T M V M Q C G V A I Y R G D D A F L S S V S S S M E E A V K E K E E E L I A D A G L L V T D L R N P Y E A G L T M T L E E E A H D A G Y T L L V Y S	Ž∏ A K S B
UniRef90_K1M0Q9 UniRef90_UPI00046F5986 UniRef90_W7SJ45	LT V	GLLISEFDGPFYGALMAGAEEVLRDAKKRLISAS GLVVRGVSNPFYTDIIRAVEDGITAEGFTMVMQQ GVAIYRGDDAFISSVSSSMEEAVKEKEEELIADA GLIVTDIRNPYFAGLTMTIEEEAHDAGYTLLVYS GVIVPELTSHFFSSNISGIQDTAYKRGYNIMICS GVVIPEVTDNFFAEAINGIEAVAQEKGYHVLVYT GLVTKTDTNPYFVALRQAAQAEKGYHVLVYT	S N T H
UniRef90_A0A015LSR7 UniRef90_UPI000465CD28	:ان		2 2
UniRef90_E4NF64 UniRef90_D2PL29 UniRef90_UPI0003B2E57A		GML VPSLT WPWMGEVLQGAVDVVESEGYGL L FTALL VPDI ENLEFAALARCLEESCQAAGYELVIA	T <mark>C</mark> N S
UniRef90_H8L800 UniRef90_I4K2Q0 UniRef90_UPI000401BC69	ETYTV DIRI TI	GVSIAQVDDVFLAQMRDYMAAHARELDVTLQFDAGVVIPDIQRPFFASVLAGIQHVASNAGYRVMIC	A Q S N
UniRef90_UPI0001FFEEB8 UniRef90_UPI000471B507 UniRef90_G5HPN9	T M T L	G M M I WN I S V P F Y S N L I K G A Q D I A K D L G V S L D L Q S G M V V P D A R Q P F F A E M A H A V E R A A S E R G K L V L I C G M L V P S L T W P W M G E V L Q G A V D V V E S E G Y G L L L F T A L I V P D I E N L F F A A L A R C L E E S C Q A A G Y E L V I A N G L I F P T I T N P F H A E L I Q D L E F E L S S R G Y K V L L C N G V S I A Q V D D V F L A Q M R D Y M A A H A R E L D V T L Q F D A G V V I P D I Q R P F F A S V L A G I Q H V A S N A G Y R V M I C S G V V V L D I N P F F P S L I Q G V I D A A S A Q G W R V V V S S G V V V L D I G I S Y H A E L I K G I E Q K A N A M N Y K L I C N S S L M T P Y L G S V T N Q M V E Y I E Q K L T D A G A E V V V N T S L M T V P Y L G S V T T N Q M V E Y I E Q K L T D A G A E V V V N T S L M T V P Y L T N P F F S F I V A A L F R T A D F R S Y T V I V O T	S Q T N
UniRef90_G7V401 UniRef90_UPI00035EED04 UniRef90_W4DH26	K K T I	GI AMPTKSSERWVADGNNMVAQFKTAGYDSDLQ GV I T T YUSD YUF PSI I R GU F S R M N F D N Y SI I I A S	YA ST
UniRef90_Q0TMF9 UniRef90_K9F0X4 UniRef90_W3AL46	T I K V I	G  V	SN AD SD
UniRef90_E6TW76 UniRef90_UPl000381E787 UniRef90_D4GDX8	D T Q T L	GLAMPSAIHGWMGALIQNAEDQAKA <u>LIDDYIFI</u> <u>AFLMKNYANPYWRRAQ</u> AGAERARENMG <u>LYLTSVA</u> LLIVPNI <mark>C</mark> DPFFSEIIRGVEVAASKAGYLVLID <mark>C</mark>	I A A Q <mark>C</mark> A
UniRef90_C4SKL3	J . Q . L	GL V V S N F E G P Y F G R L L H Q A A K L T E A S G K H L I V T L	D G

	50 60 70 80
UniRef90_UPI00047492CB	YNPGREEA  TV EEM L RQR V DG L A L T V AEA ERST  TL DK  TRR
UniRef90_D4HWS4 UniRef90_UPI0003FF3A1C	HQADKERHAI EVLIRQR <mark>C</mark> HALI VHAKAL <mark>C</mark> DRELAALMQQV
UniRef90_UPI000471698E	EKYELEKKQI SLLMQKRVDGI LI SLSNET DDF SHI NAVLN NDP SKELSNI EDLTI RGVKAI LI NPT DSDAVSNAI RMANR NDHET QVDAI ET CLANGASGI LI TASDTSALVSAVT QARD
UniRef90_U3AEP1	NDHETQVDALET <mark>CLA</mark> NGASGILITASDTSALVSAVTQARD
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UniRef90_UPI00037333C9	NELEREVSI VKELLASRVAGILI VSVASESRDEAHLE OVIR
UniRef90_UPI000255C4ED	M D Q E K E R S Y   L   D M   L L   S N Q   V   D G M   I V   G A H N
UniRef90_UPI000469E96C UniRef90_K0NVC5	N S V D K A K E L I N M F K S R K V D A Y I I S P Q D S I K E R Q Y L R M L E A N Q V D G I I
UniRef90_B2VFI4	
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UniRef90_0P100047D8C74	EDVAAEKAAVRALLAKRVDGLIISAASTLDFEHLQEIRQ
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UniRef90_A0A024GYS4 UniRef90_UPI0002DABC02	GNLGKELRNLRNLAARQVDGVVLS SVLMEPALPELES QGGA QSTAVKFLTEKRVDGALIL DHNISDDIILQSAR
UniRef90_N1ZMZ3	NKQATQNDQIVIDTFII ITKGMTAIL IAIVIN PIVIDRTAAG PIL VIEKASA
UniRef90_D4GIH5	HHEEKERHAI EVLI RQRCNAL VVHAKTUSDAELADFMSQV
UniRef90_UPI000360926A UniRef90_UPI00035CF861	ESSEREDDVLSDMI HQVDGVILAP ATEQDETPLHV EQVHRENRYLQVLEEQRVRGVLITPVEVDSER LDALRR
UniRef90_UPI000467D802	QEIVIE E QIL IN MIL IT N DIL IA K N P D AIVIG F A AIL ID S K A A A PIL L ID Q A Q A
UniRef90_R6GL33 UniRef90_U2C9F1	NSSSREQEYINMLLRNQVDGITIGSHTLKTEDYLNLNLPIFDLQAQLDAMDRMAAQGVNGIVLSPYNDPLIAGKINELSE
UniRef90_S1SGQ6	ED <u>P</u> AHE <u>REVVRLLH</u> ERRVDG <u>M</u> IVAP SAE <u>PR</u> ELVSYLTR
UniRef90_A3JCK3	G D V A R Q I G Q V R N L I Q Q R V D A I I I W P T N G Q A V I P V L R Q A H A H E A E K E R H A I E V L I R Q R C S A L I V H A
UniRef90_UPI00040EB552 UniRef90_F8JMM6	EDGEKERAAVOLELERRVDGLVVTP STARHDHUDRAVA
UniRef90_R4SMQ1	N DIVIN Q QILIS QIVIF TILLIN A KIVINIV LIVILLIP F D G K AILIT AIVIG Q Q A M D
UniRef90_U2LQ77 UniRef90_W4D5Q0	NNVTRQIQQVEDVIAQDIDGIFLNPAEAEGIIPALDQLKA QKQENQIKALRSFIQQKVDVISFSPVVESGWDTVLKEAKA
UniRef90_S5EUU8	G A   V   D K Q   L   S Q   V   Q S F   I   N G K   V   D   V   I I V   N P   V   D T Q G T K N   I   T E A A R K
UniRef90_H5UW56 UniRef90_B4CUB2	
UniRef90_F8EFP0	ESYEREL VSTQYLAQRRVDGLLVSLSGESNDLEHFKELQT NDPERELEYFDMLRDGHADGMILMTGKLPEEDGPRNRLPP
UniRef90_I5BUX9 UniRef90 UPI00037A635E	NDPERELEYFDMLRDGHADGMILMTGKLPEEDGPRNRLPP LGGDS STAVKFIKEKRVDGAIILAHNLPDRTLLDSAREG
UniRef90_Q2CF01	FDPILIEARAAETILMSMSIVIDGAILVIAPILIGNHSDILKIVIHDRILRA
UniRef90_R6VAJ5	G S Q K   I   Q N D Q   V   K R   L I   K E G <mark>C</mark> N   V L   <mark>C  </mark> V   N   L   A D R T N P S E   I I   E A A K E
UniRef90_D9RYP4 UniRef90_F5YM97	DPESQTSYERL <mark>C</mark> KERKVDGTIV QG DDEASEEE <mark>C</mark> LSRLRKEKLDGVIL FGRIKKQEIY
UniRef90_I0L6N1	W R I I S S A K Q W L D N M R T R S T E G V I F V T S M V N P P L Q A
UniRef90_UPI00037C8901 UniRef90_G8QXI5	GDNDGQVAAIENLVQQGVKGILITPSNSGGVIGALKKAQE GNSTTQINQIE <u>NC</u> VASK <u>FDVI</u> I <u>FQQV</u> DAQATVPAVKKAVA
UniRef90_UPI00047E44BF	N D S E K D I  S G L  R L L  N M R G V  D A F  L   V  F S N E A Y S <mark>H</mark> E K E  L  K E  L
UniRef90_UPI0003944F70 UniRef90_R9GUZ1	NTEQSQKDAVEFLIGRRVDALIL HTQQLDDDYLIMLEE ENHAKEASLIRHLLNGRVDGVLMSLSLETEDLTHLQELQE
UniRef90_Q8DNN6	S D S Q N E     E Y     E M L  K Q N K  V  D G
UniRef90_R7CR30 UniRef90_Q2T6L9	A DVK E QLS QLEYFINK QV DVI V VI A R D C G A LS D A I Q K A Q S R D P A K E A S F F E D L LS Q G V R R V I V LS S L A N E H H L E T A V D
UniRef90_UPI000381795F	RDPERERAYIVIDEILIWAGGII IRAIVI I IGT — SILLISILIDHILIRPILIME
UniRef90_J1AD73 UniRef90_UPI000463894D	HDSEDEVNMTKSLYSSRVSGVI <mark>C</mark> SLAMETKDTSHFQQFSNNDTAAQLGQVKTLINKKVDVLIILPADGKALTQVGLEAMR
UniRef90_UPI00034B235D	N Q P Q R E A A I V IE N MIL IR Q R IV ID G IL V L IT IV IA D A D H S A V L L ID L IQ R E
UniRef90_V6Q682 UniRef90_Q0FGX4	N DI A R Q E Q Y Y R S F Q Q H N F A G I I T A V E T S E E Q E S A I G D N E T Q V A A V E T C I A N G A S G I L I T P S S T S A I V P V I E Q A R D N D H E Q E R A C L Q Q M M D Q G V D G L I V E P T K S S Q Y N P N L A Y L Q E
UniRef90_C9A9W9	NDHEQERACLQQMMDQGVDGLIVEPTKSSQYNPNLAYLQE
UniRef90_R9LF41 UniRef90_C5RB14	E Q Y V R E S Q Y L N A L A E K Q V D G I V M M G G R V D L A K P
UniRef90_UPI0003FA4E80	PEI S D KI T GI E N F V E A G C T T I I C H V T D A D A L K D A A M N A E D
UniRef90_L0G6A0	N S F K R E K R L T D T L Q N N M F S G V I L C Q G A E T
UniRef90_R6MZD1 UniRef90_C5EPY8	EQYVRESQYLNALAEKQVDGLIVMMGGRVDLAKPQDISKETDYLNQLLAGQVDGLIVGTHNQGIAEYKYSHLPVPELSDKITGIENFVEAGCTTIICHVTDADALKDAAMNAEDNSFKREKRITDTLQNNMFSGVIICQGAETREPKREWDYLRLLSEMNADGIVITANNDEMEEEIRRDDINKQISDMQDLITKKVDGIVITANNDEMEEEIRR
UniRef90_W7R1K8	GDKKLEEEATEFLLSCRCDALILHAPDEYLIEQANQGTHVGTCDDEIKRGAMMREKRLRGIVFLGGRSDYTPEELTMLNVNSQGSQNDQVDDFISKGYDVICVNMVDRTAAAVIVDKAKEDDMERQNRQLEAMVQQQVDGIFLLP
UniRef90_R5D0R9 UniRef90_C0BXS6	N S Q G S Q N D Q V D D F I S K G Y D V I C V N M V D R T A A A V I V D K A K E
UniRef90_A0JW28	D D M E R Q N R Q L E A MV Q Q Q V D G I F L L P A
UniRef90_K1M0Q9 UniRef90_UPI00046F5986	E
UniRef90_W7SJ45	ESFEQEKANVRTLVSSQVDGLLI SLSRETKNYEHLMELYN ENYEREKAMLKEFKGGRVDGVLLSVTSETKDSTHI KQLMD GDNDGQVTAIENLVQRGVNTILI TPNSATGVLSAIKQARD VGGET STAVKFLTEKRVDGAI VLAHNUSEEI LIKSARKK
UniRef90_A0A015LSR7 UniRef90_UPI000465CD28	VIGGET STAVKFILITEKRIVIDGAN VLJAHNILSEEJI LIKSARKK NDIJSTEIJSVVQQFIJAQKIVIDITTI VITPSNAKGI VIDIVIJKOANE
UniRef90_E4NF64	NDLSTEISVVQQFIAQKVDLILVTPSNAKGIVPVIKQANE SDDDREVHYVRAFLGMRVSGLILVSQGPSQRAAEEFAAM NRGEESMQQFASQVSAQSFDGLLV IEPEGTLAYIEQLHS NDRAVERDLLQHVVARGVDGLFLIPARESYVDEVGLREDV
UniRef90_D2PL29 UniRef90_UPI0003B2E57A	N R G E E S M Q Q F A S Q IV IS A Q S F D G L L V   L E P E G T L A Y I E Q L H S N D R A V E R D L L Q H V V A R G V D G I E I L I P A R E S V V D E V G I P E D V
UniRef90_H8L800	NNPIKEKETILII MILIKKNQIVIDGII I VIGI <mark>H</mark> NKDII IADTDII IPGILIPII
UniRef90_I4K2Q0 UniRef90_UPI000401BC69	
UniRef90_UPI000401BC69	GDPEGEQRLIRSM SEQVDSLVGYFDHSRAPTPPLPPLRL
UniRef90_UPI000471B507	NEKKKELEYLSLLQNRTVDGIILVAPMLSDGELASFAGEG
UniRef90_G5HPN9 UniRef90_G7V401	G Q K S H E R N A L D F L K T N Q V D A V I MC A I E N D W D L I K O Y R O
UniRef90_UPI00035EED04	GDV VR QLN QV QN FTA QGMD AII I VN AV DTA AT QK MTLNA QQESHSTETLNV QALISS QV DGLLISHSIETTS FEHIKLHLNG QGESHSTETLNV QALISS QV DGLLISHSIETTS FEHIKLHLN GDPEGEQRLIRSM SEQVDSLV GYFDHSRAPTPPLPLRLNEKKKELEYLSLLQNRTVDGIILVAPMLSDGEIASFAGEGNDFSQLASRLEDV VSA GTDGIVLVSA DPGQLSNQLQDVFEGQKKHERNALDFLKTNQVDAVIMCAIEN DWDLIKQYRQDVFEGQKSHERNALDFLKTNQVDAVIMCAIEN DWDLIKQYRQDVDETQVSQLENMITRGVRALVIAAIDNKSLTTGVLQKAKDNDVAQEKKALEMMLSYGVDGLIEPTKSNLYNPNLAYYLSESIDREIKAIKTLKEQRIRGIICPTS
UniRef90_W4DH26 UniRef90_Q0TMF9	N DIVIA Q E K K A IL IE M MILIS Y GIVID GIL I I IE P T K S NILIY N P NILIA Y Y L S E SILID R E IL K A IL K T IL K E O R IL R GIL I II <mark>O</mark> P T S
UniRef90_K9F0X4	NKVEQQISQIQNMINERPDVMIVASIDGSALGPVLSQAKQ ENPEKEKNYLETLKKKYIDGFIVTSNQLDAPHYA
UniRef90_W3AL46 UniRef90_E6TW76	
UniRef90_UPI000381E787	DNPSAQVNNVEDLTAQGVDAIVMLPTESDALSPTALQVEE YGVEAQIKSLDNLIAKGRDGVIIAPLDSYRLSPVVEKAVR HQKPQEWTFLNLMLTRQDDGIVLLG
UniRef90_D4GDX8	HQKPQEWTFLNLMLTRQLDGIVLLG
UniRef90_C4SKL3	HDPEGEQQAVQ <u>L LA</u> DRR <mark>C</mark> DAII <u>L</u> YTRS MSEAD <u>L</u>

		90	100	110	120
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UniRef90_UPI0003FF3A1C UniRef90_UPI000471698E	KETPVVLF SNIPVLTL	D K [] A K M V D R	HCSKVVID GASRGEVVS	<mark>H</mark> [] A <u>S</u> D N V V G G	DRKA FMAGHY
UniRef90_U3AEP1	A GILTVIALI	T PII IN PII I	$D \Delta \Delta D \Delta T F \Delta T$	DNEILIA GEILLIG	$\cap W \land \Delta \land K$
UniRef90_H9UBB4 UniRef90_R6ZIM8	EKLEEYGI	YVFIQG	CFSQLEKKP	V V N V D N V T G G H V L M D D C Q G G	Y L I T K H
UniRef90_UPI00037333C9 UniRef90_UPI000255C4ED		1 L 1 L L (1   1		T .	GR
UniRef90_UPI000469E96C UniRef90_K0NVC5	KGLEEDVK AGSHNLDI	MLLEDGN	PVI FFDR N	T V V S S D N Y Q G L P D I N T S Y V G L A S S V P I V G S	ADHFNA
UniRef90_B2VFI4	AGIPLVFV	N R K P A DQ	LAABUEKMA	FVGSDSEQAG DNYGMGVSAG	RLQMEA
UniRef90_UPI0003F89C02 UniRef90_UPI00047D8C74	N GILIKIV LIS Y I	DRILLI	ILIGADIVIDA	Y II IS F D N F K IV IG	FILIOAOG
UniRef90_B9K1A6 UniRef90_W4BSF2	S G C P L V L L I A G I T L I T	D R A <u>L  <b>P</b>  V L  </u>  V D S	DVDTVTTDD GLSGGVSES	R E A A Q Q A T E <u>I</u> F <u>I</u> A T D N Y E <u>A</u> G	<u>LI</u> RNG <mark>H</mark> RKAGQE
UniRef90_A0A024GYS4 UniRef90_UPI0002DABC02	A F II IP IV V I I II	NHSAD		A P G F S S V G	VDI VAG
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UniRef90_D4GIH5 UniRef90_UPI000360926A	R D A G V P L V	V D R D L A	GGEHFDAVL	V N N H E G G R Q A	ALMASR AS
UniRef90_UPI00035CF861 UniRef90_UPI000467D802	RGTPAVLV	PV	VIA F D S GIVID S	SVAVDDVAGG DIPVTTVATD	NKAAAA
UniRef90_R6GL33 UniRef90_U2C9F1	KGIPVITT	\/   \D		I V <mark>C</mark> SDHIIEGG	K II
UniRef90_S1SGQ6 UniRef90_A3JCK3	HRVPAVEL	D R I V D V P	EGEDAPRFD	F Y R S G E T A A G QV G F S G P D N V Q Q G V P G Y A H R C V G	AEGAEP
UniRef90_UPI00040EB552	KALCDEEL	ASFLEQU	PGMVLINR	V P G Y A H R C V G	LD NI S G
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UniRef90_R6VAJ5 UniRef90_D9RYP4		FOILIKSTDI	I IP T IV I I IDII IPI	I	SDNIVIKG
UniRef90_F5YM97 UniRef90_I0L6N1	E F   I   E R E K   L   I	P	CYNGIPSVM PVVIIDPAG	VNDKQAAFEG VDPQESPTIG	V A T N W A G
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UniRef90_Q8DNN6 UniRef90_R7CR30	A GII IPIV I IS Y	DR	MIVINNANIDILI	YII IS F D N R K IV IG	E II IM A Q A
UniRef90_Q2T6L9 UniRef90_UPI000381795F	R G M V V V S Y I R G L R L V A F	D R R A T E G D R E R Q P A	E TTRVE DPPNLASVS	<mark>H</mark> V T P D N F E A A V D N L L G G Q L A	R∐ATRH TE
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UniRef90_UPI00034B235D UniRef90_V6Q682	APLVLVH	N S P Q R L A I	L   P A   V   R   V   D	F	N R L A V
UniRef90_Q0FGX4	AGILVIAL	D T PIL ID PII I	EAADMTFAT	D N Y K A G V L I  G	Q
UniRef90_C9A9W9 UniRef90_R9LF41	A GIPL V MI	VA E T G K R	I P V I I V N G R	HICVNDTRSG LPKSGLNRVA	V D F R H G
UniRef90_C5RB14 UniRef90_UPI0003FA4E80	VAIDRVMN AGVKFISY	DSD[]EGT	S D [L]P [	I VESDNYNGG FIGIDNYEYG TGFEANKVII	V L A T E R Y A L G K N
UniRef90_L0G6A0 UniRef90_R6MZD1	RGLDHFRK CR	K K M K M P	MV FYDRVP RKAGREYEA	T	NDFESS QLAAE <mark>H</mark>
UniRef90_C5EPY8 UniRef90_W7R1K8	AGIKVVSF	D N V V D	T D E QVA	T G F E A N K V I I S V S S D N Y L G G T V G I D Q T E F G L A T D Y L I K Q G Y V G T D A K E A G Y F S K E L D Y V G F D N T A A G R O F G	RVCADW
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UniRef90_A0JW28	TGSELAPV	GILDRS	SVPVLQUAR	Y F S K E L D Y V G	P D N L A A
UniRef90_K1M0Q9 UniRef90_UPI00046F5986	ENI PVVFF	D R A <mark>C</mark> D D V	T T A K L L T N D	<u> </u>	DAHG ES
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UniRef90_UPI000465CD28 UniRef90_E4NF64	AGLPVIAV	NNRVDTS	S G A K L A T	FVGVDDVAFG DVAVVTDDIG	RQQGEL
UniRef90_D2PL29 UniRef90_UPI0003B2E57A	R G L P V V L I	DDRAKQP	L FP	D V A V V T D D [	A A A A Q H
UniRef90_H8L800	VAI DR		SLGENTV	TVSCDNYRGG	E CMPY
UniRef90_I4K2Q0 UniRef90_UPI000401BC69	R G V P I V H F	N R R P E F K D R V <mark>C</mark> Y F [	PTAKVIIDN	Y <u>V I</u> G S D E <u>II I</u> K A G F	E I L Q M R Y R G
UniRef90_UPI0001FFEEB8 UniRef90_UPI000471B507	<u>V L L D P E K A [</u> Y A I G V <u>I G R</u> [	V	RIDVPGGVD PCSTTDN	·AAVAHLAERG Y	YRR <mark>PGM</mark> WK[
UniRef90_G5HPN9 UniRef90_G7V401	Y (iII I IAIVIC: NII	- Y IV IA I) S I)	I II IM		YAGAKY
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UniRef90_Q0TMF9	NULINSEYILI	A A II II NILIGI	I PIVI L VIDGSI	LIKYHINFINGIVIF	IVIDINII IK G
UniRef90_K9F0X4 UniRef90_W3AL46	AGIKVIAY	D K L	ALPIVALDR	YVTFDNYKVG AINEHIPTVA VVKGDNYGAG	SNNREG
UniRef90_E6TW76 UniRef90_UPI000381E787	A G I A G L P V I V Y	PLVIVDR DTP	E L T N D A A T V L N A E G T L T	V	V N A G E Y R L L G R W
UniRef90_D4GDX8 UniRef90_C4SKL3	A Q L P F D V S	P E E Q R N L	P P M V M A I E F R D I P O A R F H	F L G F D N F K A G S P E M S L P T V N C V F F E Q Q Q A A	I D N L T A F N A V N V
0111110100_04011L0	1VI Q L L   / IV   V   F	. I L⊑_IVI V I  IN	AUVEU	<u>~   v   v   L                           </u>	1   N   V   N

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UniRef90_D4HWS4	F A <u>Y</u> N D <u>S M</u> A <u>A G A</u> L   A A   L   K D <u>N</u> A   I   A P Q Q   L   S   L V   G F D D <u>  L</u>   P F A R
UniRef90_UPI0003FF3A1C	FALT DL VAL GLIKYLNEVELKPEQLAVIGESN WF
UniRef90_UPI000471698E	GFAQNDEMALGALRA TI _NEPAAAGAYEALKSFG <u>R</u> E NDV <u>L</u> IVSVDG G <mark>C</mark> PGV
UniRef90_U3AEP1 UniRef90_H9UBB4	I I F A I V IN D W A A I I IG A I I ID A II IK D Y GII IK P D F I V ISII I I IG F D D A P F A O
UniRef90_R6ZIM8	CY ND QHAMKVI QALLYDEGII KPEQII SVTGYDNS Y
UniRef90_UPI00037333C9	CY NDQAKVIQALYDEGI KPEQISVTGYDNS Y LAFSDQMALGAMLSVKEAGLKPEDI SI IGFNN EPVDLL
UniRef90_UPI000255C4ED	M F IL IS D D IL IT A A II IA IL IS II I I R K R N R D II IQII V IG Y D G T E MIV IT T IL
UniRef90_UPI000469E96C UniRef90_K0NVC5	F ATNYLAISGLKVLKQINKKGDDFAVIAYDDHEAFEL
UniRef90_B2VFI4	FCSDDMTAILLRVAKNLGIKPEELKVVGFDGTQLIQASNNDEMAIGALQAL GKNADGLLVAGVDGTPD ALN HDDDQGLGVLAAIDAAGR DEFLMVGGAGSANAMRE
UniRef90_UPI0003F89C02	N HDDDQGLGVLAAIDAAGR DEFLMVGGAGSANAMRE
UniRef90_UPI00047D8C74 UniRef90_B9K1A6	I VASNDATAGGALQALAAQQLAGK VAVSGQDALAGV LIASDSLIALEVFKVARHLGLSPQDLSLIAFHDADWTA
UniRef90_W4BSF2	GLNEPSTLGAGEAI MDMGFQ DKVKLFGFDNSS NEV
UniRef90_A0A024GYS4	FATSDIQAVGI IRAII HEAGIISPODII AII ASEDGS A
UniRef90_UPI0002DABC02	VEYANDEMAVGGI QAFRENKINPKDVSI I GYDDI QLAEF VLCNNDDMALGVI ESLKANGYNT GDAS FVPVVGVDAAPAL
UniRef90_N1ZMZ3 UniRef90_D4GIH5	E A V N D S M A G A I T A II K D N G I O D H S E V V G E D D I D
UniRef90_UPI000360926A	FAYNDSMAAGALTALKDNGIQPQHFSVVGFDDIP LFTANNLMTLGALKALHDMRVGPGQISVIGFDDLDTGPLL
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UniRef90_R6GL33 UniRef90_U2C9F1	ATDTÄLATIKELIKRNKNPNDVKVVGYDGLSICAL FAAGG VYGGCRAVLASGRR DITILSCOKVPTTRDM
UniRef90_S1SGQ6	II VIT A N N A M T II IG A II IR A IVIR S R G II IS P G D II IA II I <mark>C C</mark> F D D F A W A D II IF
UniRef90_A3JCK3	Y S G D D N M G V  G A   I   N A A K S A N R S G G   I   I A F   I   G A T N F A  V   G Y
UniRef90_UPI00040EB552 UniRef90_F8JMM6	FAYNDSMAAGALTALKDNGIAVPQHSLIGFDDIP LFTTDNVATLGALDALRDAARLPGDVSVIGFDDAEWTTLI
UniRef90_R4SMQ1	N
UniRef90_U2LQ77	G G N D P T A  L  G A  L  A A A N A A G   I   K N A K   I   Y G   V   D G S P D   I   K K E
UniRef90_W4D5Q0 UniRef90_S5EUU8	A H N D D M A L G A L Q A L E A A GL K P G Q D I K I I SVD A V K D G
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UniRef90_B4CUB2	PILL NOPGAILIG <mark>CI</mark> VISAILIDAAGRS GKIVLVVITIVIDGSREAAOE
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UniRef90_R6VAJ5	VLANNDDMALGAIDAYEKLGYTETDPAFLGLDGTD EGL
UniRef90_D9RYP4 UniRef90_F5YM97	CASDLMAVGALKAAGEMGKKPGEISIVGFDDIELATII FAVTDEIIAIGAVRVLRDAGLRPEDIISVMGFDDIISMASYV
UniRef90_I0L6N1	TEASS DOMAL GOVE AVERKRIGHT PDDI SVVIGEDDI PEVR
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UniRef90_G8QXI5	I MAHNDDMALGAYEAI KMA KKQGQI QI YGVDA LASA <mark>C</mark> LVIANDVMAYGALKKLNELGI VPDDI SVI GYD DLI
UniRef90_UPI00047E44BF UniRef90_UPI0003944F70	L VIANDVMAYGALKKLNELGI VPDDI SVIGYD DLI FAANDHMAFGAREVLVSVGLSPDDI SLVGFDNI LFARYL
UniRef90_R9GUZ1	FASVELLAILCYEVCAEMKINPNDIKIIGFSNLRTASLLTL NDMMALRVISVMKELGIAPDDYQIIGFDGLK
UniRef90_Q8DNN6	T [
UniRef90_R7CR30 UniRef90_Q2T6L9	MCGNDDIASQVVQVLAENQL AGNVVVVGQDG DLAA <mark>C</mark> IVAVNDIMAIGIMAGIRECGIRPQDVSIVGMDGH
UniRef90_UPI000381795F	V V T L N D M Y A L G L M A G L R E C G L R P Q D V S L V G M D G H V V T L N D M Y A L G A C A T A R A A G L A P G E H H G L S V V G F D D L V
UniRef90_J1AD73	FAPGDULIAVISAVIQTAKKKGUKPQDFAVIGFNN DPUSEU
UniRef90_UPI000463894D UniRef90_UPI00034B235D	N
UniRef90_V6Q682	A T N D M H A M Y I L IK A A IL IQ Q G IL ID P N D IL IQ II IM G Y D G II ID F A E IL I
UniRef90_Q0FGX4	TI NEPAAAGAYEALKAIGRE NDVLI VSVDG GCPGV
UniRef90_C9A9W9 UniRef90_R9LF41	V C Y N D E T A H R L T Q A L T A A G K N P T D F S I V G N D D S P C L N D L V A I G V L K A A V K A G L R P E D L S I I G Y D D T P F A S
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UniRef90_W7R1K8	C G N D Q T A Y G A L S A I E E A G L S P E D L S V V G F D D L P Y S N L I
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UniRef90_A0JW28	I LAYSDAVALGIYAELRRRNLEPGRDIISVASFDDIAMAEL
UniRef90_K1M0Q9	L FAMI DPLAI DI MMVLKEQGLKPEETALAGETNNPTSAVI
UniRef90_UPI00046F5986	I USVUKLII ILPVIYLIA CK DILIKILIS PADIVIKIVI S FSNNP
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UniRef90_UPI000465CD28	LE AL LO Q G P E GVN G A S F T R Q S G R T D V K F I L G D Y P A D V R G
UniRef90_E4NF64	VIFCSTDDQALIGVLRAAQELIGLRPEDLIAVVGFDDIIPEAAFA
UniRef90_D2PL29 UniRef90_UPI0003B2E57A	VFCCNDLMAMGL LRGI RFRGI SPADMSV I GYDNI   YAQ
UniRef90_H8L800	FAGDDLLASLALNNLGSSGKRPKEVKVIGFDG AQ
UniRef90_I4K2Q0	ANA DEMAI GAAMAI SQAGMQPGKDILVA GSDGGAAGL
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UniRef90_G5HPN9	FAANDEMALGVYKA <mark>C</mark> SEYGIAPDRMAVVGVDNIR IWAAWDEPALGATQALQEAGRS QVLVTGVDGNEQAISL VIAGSDQVAAGIIAEAQTMQLKPEDLAVLGFDDQPLSRVV
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UniRef90_W4DH26	I VCYNDEVGLEVVNACROLNISPEEIISI I GODNS
UniRef90_Q0TMF9	I FVCNNLMTLGCLKALRËANLË SKDLSL I SËDNLPLLDTL
UniRef90_K9F0X4	V L A G S D Q V A A G I L A A Q I M Q L N P D L A V L G P D G Q D A E K A V V V S P Y D G L S I I G Q D A E K A V I V C Y N D E V G L E V V N A C R Q L N I S P E E L S I I G Q D N S Y I F V C N N L M T L G C L K A L R E A N L E S K D L S L I S F D N L P L L D T L L A P N D A L A L G L S Q A L K A D G Y T Q N D W P V L T G Q D A D Q A V A S S D V S A A G A L K A A A K L G L A P D E L Q L V G F D G L A M G E M L
UniRef90_W3AL46 UniRef90_E6TW76	A S S DIVIS A A G A IL IK A A A KILIGILIA P D E ILIQII. VIG F D GILIA M G E MILI T Q D D G M A ILIGIV L IQ A ILIN E A N R T D II. IQ F II. T GIVIA G S K D IVIY E II.
UniRef90_UPI000381E787	T Q D D G M A L G V L Q A I N E A N R T D L Q F I T G V A G S K D V Y E I A A D D V M A L G A A D A L E A V N R Q G I I I T G F D A N A D A L C H S D I M A I G A I S Q A K R L G L R P E D L S V V G F D D L E I Y N D D M A I G A M K A L S Q A G K K P E D V S L F G F D D E P T A P Y L
UniRef90_D4GDX8	CHSDLMAI GALSQAKRLGLRPEDLSVVGFDDLE
UniRef90 C4SKL3	

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UniRef90_UPI000467D802 UniRef90_R6GL33	DAINDGTMI TYPTI	F G A I V I T G	ח וום חכ	MGROILVIE	= A A T K A II  N	GEELPE KKDSYLEK TGEKPEKE
UniRef90_U2C9F1 UniRef90_S1SGQ6 UniRef90_A3JCK3	VLQGVI SPRL EAISRGEY IARYTDPQI	A A I I C ( T A V A ( 7 G S I Y (	Q P L I Q P S R D Q S P V D	I G A Q A V F D A E A A L C	RLLLDRLA DTALDILQ	EPDRPAR GKDVP K
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UniRef90_R4SMQ1 UniRef90_U2LQ77 UniRef90_W4D5Q0	I K S D A E P L I L A S G N S L I E M Q A A S E G K I	IN FIL VII	ECNPIL	LIG P QILIM (	QIV VIK DIV VID	GK PIVIE A
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UniRef90_UPI00047E44BF UniRef90_UPI0003944F70 UniRef90_R9GUZ1	I P GIL	_	- PII IE Q	MSKEAIVI	KILIAII I <mark>H</mark> KILIN	KNKSDIVINILI
UniRef90_Q8DNN6 UniRef90_R7CR30	ORIL VIEGTO	Y M T A F I	(PILIFID	IIIARKAAI	CYAIVIEMGS	K P Q I P E N R R E E I L E K R G K G V A E L E
UniRef90_Q2T6L9 UniRef90_UPI000381795F UniRef90_J1AD73	LAPLFNPPL	_  T T  V  Q  <u> </u> _  T T  V  R (	P	MAAEMVE MARFAL	ERAMRPHD EAIRRDTG NI <u>VI</u> D <u>T</u> IE	E P L P A S E Q D E N E D E Q P
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UniRef90_R9LF41 UniRef90_C5RB14	YSTPEL V PFI	_	HAHF	IIGRTAGE	=  V I   <mark>H</mark> O M I  T	K S K V N K G V Q T E P E Y K G K L D E R E
UniRef90_UPI0003FA4E80 UniRef90_L0G6A0 UniRef90_R6MZD1	L K E G G A F I I S K I I E P N I T P E I	IS TIVINI	) R A F F	MGILIAAA	CILLIROILE	GNDILLESE
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IAVMPPQLVARASTAAF
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UniRef90_UPI0004051674 UniRef90_J9UCM1 UniRef90_R7FUJ8	T   A   V   A   K <u>F</u>   G	V V I I I S D Y I F K L I Q G M D N L I S E Q G Y S I L I N I G L L N D I T N P F Y S E L T L S L N Q E M E L H N K M L L A N S E F T V Y G M S G W V S S G Y Q G V K K V A K A D N V D L H WA S A V I V F N L L H M L T T Q V L H A I E E A C Q E R G F H V I V N S D V V I P E R M S S F F S K V V D G I E E I T Q Q F G Y H L L V Y S H V A I Y R Y D D S F I S F M R R N I E T F L K S D N V K F M A D A E Y T C M D G T N P F F V T L E D E I R K K V E A N G D E L V V D P A
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UniRef90_UPI00046A0AC3 UniRef90_R5HRA3 UniRef90_A0A059IMM9	T I G	IL IP NILIA N P F F S QII LIA GII IS SIV LII K A QILIGIL L <u>V D</u> I Q
UniRef90_R3WLV9 UniRef90_S3JZA0	K K T I G E T K T I G	VITTYLSDYLFPALIRGIE QELRKKGYSLLLAST VISADSSNPFFAEIILGIE TAKKGYHLLMNTE IVSVDLSNNFFALLVESIE QTAREHGYFVLALSH
UniRef90_R6M6W3 UniRef90_D8MWC8 UniRef90_UPI00036C0110	T M G T I G	L
UniRef90_I2F844 UniRef90_S0FXV4 UniRef90_F2NBB6	T K R I V T V G	L I V H E I K G P F Y D S L V K G I Q D V L H N M G Y N L L I Y C T L A I P D I C N P F Y F D M I Y G V N S I L E K Y D Y L M I L Y T K V I V P D I S D G W L S A V V S A L E G F L F E K G Y T F I C N S A V A M P T K S S A R W I A D G D N M V K V L K E R G Y Q T L Q Y A E
UniRef90_A6WYT7 UniRef90_G4L7L8	D K G L V A T I G	VAMPTKSSARWIADGDNMVKVLKERGYQTLQYAE ILVSRITNPFFSYLVDAIEKEAKKSHYNVLIMQT

UniRef90	L T D A K S O D N
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UniRef90_F8FKD0	ПЕТ
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	ARQ
IUNIREISU VSE4MZ ADEAEQII IQILLEN I MAKNPDGII LLIAAILIDAN AILIAPIL VIET	<u>A</u> IN N
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UniRef90 W0LBA6	SAL
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UniRef90_UPI0003147478 UniRef90_F8FKD0	A GI PIVE I M D T H R P P L Q Q A V G Y D N V S A A Y E M V Q N I P V V G F D S G V E S D V P V T T A A T D N K A A A A
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UniRef90_S3YC50 UniRef90_D9WQ33	K GI P T VA Y D R L I E A T E G I G Y Y V S F D N R T V G S Y Q G Q Y A A R T G T P M V F V D R W I E G E G L D E V P V V R T D G G A A V R D L V A H
UniRef90_U2ABQ0	LIAFVGSGPAEQVTVRLDDVATGRAATRH
UniRef90_UPI00047ABF00 UniRef90_A3X9P5	S V V M T Q N R K P L D S V G L D H V K A R G I P A S L M F H D P I E G F A T S Y V D N F E A A N D I P V I F F N R E P V Q E D L L Q W D K L F Y V G C D A A Q S G E M Q G E I N G I K V V T F D S G V N S S L P V S F V A T N N V K A G A E A A D A L A A E I S N H V D Y V M I E N D V R E C S C N K L L I D N Y G G S K K A V E H L M Q R G E G I K V L A Y D R M I P A L G F D N F K A G R I L V P V V L S W S F D A R I P A L G F D N F K A G R I L
UniRef90_R5NUU8 UniRef90_V5E4M2	N DII PV I F F N R E PVQ E DL L Q WD KL F Y V G C D A A Q S G E M Q G E I N G I K V V T F D S G V N S S I P V S F V A T N N V K A G A F A A D A I A A F I
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UniRef90_G2GAB4 UniRef90_R6FUF0	ALLTSRSIPFVVMDPAGDPGADVPSI GATNWQG IDVTENSFENLGIPIVITSVSTISKVGKYSSVGIDDVKAA
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UniRef90_UPI00045E7254	V C G N D L A A G A L F E A Q A S G I A P G A L S V V G I D N L E I A A H L V F C A S D E A A L G I S T C F E H G I G P T D L S V V G Y D N S K V I A N N D A M A M G A I E S L R A A G T D L P V F G V D A L T E A L L F A A N D E M A I G A L Q C L T D H G R H P E D V G L M G F D D I R L A R Y L V C S T D M L A I A A I S A C R A H G L S P G D V S V G G I D G I S V F C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A A N K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A S K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A S K R S L A P D E L S V I G F D D I S F S D I V M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C S N D L I A V G L Y D A S K R S L A P D E L S V I G G I D G I S C M C T C M C
UniRef90_UPI00037DE337 UniRef90_UPI00040AFC3B	VIANNDAMAMGAI ESLRAAG T DLPVFGVDA LTEAL
UniRef90_G8TSA1	L FAANDEMAIGALQCLTDHGRHPEDVGLMGFDDIRLARYL
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UniRef90_C5EMP4	
UniRef90_X7EG11 UniRef90_A0A024YJV0	V L S P Y D G L S I G I I S S L K G V G Y G S G D M E M P I V T G Q D A I P S I I V C G S D P M A L G V I R A V R E R G L R P Q D V S V V G F D D S P L I A F
UniRef90_D1AWX5	VIIANNDGMAILIGAIVIESILIKAIVIKKE ILIPIVIEGIVIDAILIGEILI
UniRef90_A0A022MGC4 UniRef90_W0LBA6	V L S P Y D G I S I G V L S A L K S D G Y G S G S K P L P V I T G Q D A L A S V F A S N D D M A I G A M K A L H E A G K R P Q D V S L F G F D D E P S A A Y L
UniRef90_E6LI21	TIL N
UniRef90_UPI0003668CBB UniRef90_T0KSZ9	VGINGGDAPGAATALQQTG RCGEVLVAGFDAIPQARDL LQGSDRYKA ALDAIKDAGKENKVLLIV FDAEPEF
UniRef90_UPI00034C2B63	III CTASDILIAFGIVIKGILIRDSGILIRPEDILISIVIGNDNNSESENE
UniRef90_G2GAB4 UniRef90_R6FUF0	V F A G N D L Q A L G L Y E A A R E L G L R P E D L S V V G F D D L P V A R W V F A L S D F M A T G V A K A L C D L G L K G K D I S V V G F D G M D
UniRef90_S5RTK3	ILIE A S S D Q Q AILIG C M R A A H DILIGILIP P A AILISIL VIG F D GILIP
UniRef90_I9MHL5 UniRef90_R5HTS2	V V   A S N D S T A G G A I V   Q A   L   G A Q N   L   A G K   V   P   L   S G Q D A   L   A S C
UniRef90_UPI00037BADE4	CYQ DEVAFGAMRALHTRNINIGKE HALTGEDDIPE
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UniRef90_UPI0004051674	LSSVEKLALATYHAVKRTHLRPEDLKLISFFSNLSIASL
UniRef90_J9UCM1 UniRef90_R7FUJ8	CYQ DIVAFGAMRALHTRNINIGKE IALTGFDDIPE VISQNDDMAEGAIRAMKQRGMN DIPIVGIDGIKA GL AINDLTLMEVLYFVKGNHIKPDELAIISLDDVPFAH LSSVEKLALATYHAVKRTHLRPEDIKIISFSNLSIASL IFSNNDAMALGALKSIQKEGYNIGDNKFIPIVGVDAIPEV GGNDPTALGALAAANAAGIK DCKIYGVDGSPDVKSE GSNEGSAIGVVNAVQEMN KVGKLYVVGFDS GKQQI
UniRef90_W4EP16	G S N E G S A I GV V N A V Q E M N K V G K V V V G F D S G K Q Q I
UniRef90_UPI0003FBE07D UniRef90_D0CNR2	G S N E G S A I G V V N A V Q E M N K V G K V V V G F D S G K Q Q I N H D D D Q G V G V L A A I T Q S G R D E F F M V G G A G S A N A M R E I C N G D M V A L G A C Y G L M R A G L E P G D V S I I G F D N D P L A E M E L V T S D Q V A A G L V L E A H R L G V H P E E L S V I G F D N D P L A E M F A A N D Q T A Y G A I K A L H D H G Y R P E D V S V V G F D D L P S A D P V A A A I Q R Q A L A R G M Q P D D L F I F G Y D G T F L Y A H N D D D Q G V G A L R A I Q A Q A G R D D F L M V G G A G A L S A F Q E V F A V T D V M A I G A L T A M R E A G L S P D E V S L A G F D D I P V V R D L A H N D D M G L G A I E A I E G A G K V P G K D I K I T T I D A V K D G V F C H S D V M A L G A L S W A K R H G L K P D D L S I I G F D N L A L A E F F A A N D T M A M G A F A A L K A R G L G P D D V S V I G Y D N S P L A K S F C T N D D I A I G T I L S A Q Q R G M E P A Q L S V V G F N D D P V S Q V I I A V N D F C A V C C L I T L K K L G F S V P D D I S V V S F D N Y T Y L D Y L F A M S N T I L L G T I K A I K E S E L R P D D I S V V S F D N Y T Y L D Y L
UniRef90_S5ZKR1	LLVTSDQVAAGIVLEAHRIGVHPEELSVIGFDN_DPLAEM
UniRef90_E8LUA6 UniRef90_D2Q7G4	FAANDQTAYGAILKAL <mark>H</mark> DHGYRPEDVSVVGFDDLP
UniRef90_UPI000255A6DB	LY AHNDDMAVGAIQAIKE AGLAPEDLLIVALDAVPDAH
UniRef90_UPI0003A52EC2 UniRef90_UPI0004655270	N HDDDQGVGALRALIQQAGR DDFLMVGGAGALSAFQE
UniRef90_D2AYG9	AHNDDMGLGAIEALEGAGKVPGKDLKII TIDAVKDG
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UniRef90_I2GLX8	V F V T N D F C A V C C L L T L K K L G F S V P D D L A V V G F N D D P V S Q V
UniRef90_UPI0004719A32 UniRef90_UPI000474C640	LFAMSNTILLGTIKAIKESELRPDDISVVSFDNYTYLDYL
UniRef90_UPI0003601726	FAHNDLITAAGVLAGILRKAGRAPEDVAVIJGFDDVP
UniRef90_A8GEF6 UniRef90_UPI00046A0AC3	VIF CASDEMANGFMGAAQHAGVIR PDDVSII I GFDNI EMV
UniRef90_R5HRA3	FASSDVIGAHVLQACSNLGLEPEQLKI VGFDDVN
UniRef90_A0A059IMM9 UniRef90_R3WLV9	VITALINE PAAE GAYQAL K SVG KAKGVIII VALIDGS CRGV II VCYNDEL ANRMVKELLGNKGYHPNDFSII I GFDDS Y
UniRef90_S3JZA0	VICENDEVA AGVERALNEQKERPEDVEVAGCD NEQLAQFE
UniRef90_R6M6W3 UniRef90_D8MWC8	CY NDSMAAGALAVISDNGVRPFFMSI IGFDDV
UniRef90_UPI00036C0110	VLSPYDGESRGVISALKGVGYGSGNKALPLVTGQDAVASI
UniRef90_I2F844 UniRef90_S0FXV4	A A N N D E MA I GAI MALN QA K N K N I L V A GI D G T P D G Q Q F V F C A S D E MA V G F M G A A Q H A G V R P D D V SI I I G F D N I E M V F A S S D V I G A H V L Q A C S N L G I E P E Q L K I V G F D D V N V Y A I N E P A A E G A Y Q A L K S V G K A K G V T I V A I D G S C R G V I V C Y N D E I A N R M V K E L G N K G Y H P N D F S I I G E D D S Y V I C F N D L V A A G V L R A L N E Q K I R P E D V E V A G C D N L Q I A Q F L F I C R N D T P A V R L M T I F R K N N I K P E D V G I I G F D N I A L L D N M C Y N D S M A A G A L A V L S D N G V R P E M S L I G F D D V L V L S P Y D G I S R G V I S A L K G V G Y G S G N K A L P I V T G Q D A V A S I F Y C A N D E T A I G A L K A I N E Y G L R P E D I S L V G F D D I E L S S Y I V A A N D L M A I G A M S A L E E S G L R P D D M A V V G M D N T Q A T N D W R A L G A I S S L K G V G Y G S G D M P M P V V S G Q D A V P S V I F T N S D E V A I G V M E S M L Q R G Y K P Q D L A I I G F D N Q P A T S M L
UniRef90_F2NBB6	ATNDWRALGAISALVDRGLRPQDVRVVGFDDSAIASAM
UniRef90_A6WYT7 UniRef90_G4L7L8	V L S P Y D G I S I G I L S S L K G V G Y G S G D M P M P V V S G Q D A V P S V L F T N S D E V A I G V M E S M L Q R G Y K P Q D L A I I G F D N Q P A T S M L
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Junkeep   Jun		250 260 270 280
JARRENGO DEPLOMOSESSEPTE 2  J	UniRef90_W7YUH2	LAEHFPPGVTSVNHNYQLLAKKTIETLIGLIAQEEQ ER
Interest   Figure	UniRef90_UPI0003654D32	2 PII IPIL IT SIVI <mark>H</mark> S P M A DII IG R T AIVIQIL I IQ AIV L IR G E K P D PIVIQ
JIRRINGO UP100027864FFP		RYRGPFILTTVFQPILYTIGMDSILRI VSFRISNTDTKAPV
JARRESO MADDOZOSTASA	UniRef90_UPI000476A49F	F TPPILITTILIROPILIFEIVIGOH <mark>C</mark> ASILILIGMILIGOOG KA
Jinkengo Upinggo Saptro	UniRef90_F3ZWC4 UniRef90_M3D3D2	Q T F P PII IT TIVIR Q DII IF F M G R II IM A R II I I IR D II ID R G A F P D Q S
JARRESO DIPLOMOSSIASATO  JARRESO DIPLOMOSSIASA	UniRef90_UPI000289FFF2	2 SALVITEPMLSSVAQPLDKMĞETAARLLLEKI Q DPASENR
JANESSO DYSCOS   UniRef90_UPI000361A547	7 Y CTTTILITTIVIA P H K G A II IA R A A T D A IL LIE RILIA E G K A IVIE P R	
J. J		S M Y V S T I A Q P I H L M A N T A V D I L L R K I K D V A I D V Y P A I T T V H V P H E F I G R T A V R I A I H R F F I P F S Q
JARRESO JUPO00347478  JARRESO JUPO00347478  A NULL S S V JED PA JE S S V JED P	UniRef90_D7A0V1	F K A M A A G F A N T T IV IF II IT P N M A G P A F D A II I I IA Y K A K G T IV IP P K W
JARRESO JUPO00347478  JARRESO JUPO00347478  A NULL S S V JED PA JE S S V JED P	UniRef90_F4A267	A A F S Q P P M T T L R Q P F F D V G R R A A M E L L D K L D N K A Q C Y S R
Junkengo Deprodosa 174748  EAL IR S GR M A G AL IL OP DE IG JIG S VIN O A L. LA RIL R G G E V D O P K. Junkengo Deprodosa 174748  EAL IR S GR M A G AL IL OP DE IG JIG S VIN O A L. LA RIL R G G E V D O P K. Junkengo UP1000478E90  Junkengo UP1000478E90  Junkengo UP100048E270  LIML P K GL IL I G S A. MO O P Y LL MG Q G R V E LI G R E A L. L. L. L. D G G R S V L. P K K. L. R K. Junkengo UP1000478E250  Junkengo Deprodosa 17476  MS JUL T G P P L IS TUKE O P R V E LI G R E A L. L. L. D L. L. N G IV E LI E N K. D Junkengo UP1000478E30  Junkengo Deprodosa 17476  MS JUL T G P P L IS TUKE O P R V E MG R A A L. L. D J. L. N G IV E LI E N K. D Junkengo UP1000478E30  Junkengo Deprodosa 17476  MS JUL T G P P L IS TUKE O P R V E MG R A A L. L. D JUL N G G R K K. D J. A J. Junkengo UP1000478E30  Junkengo Deprodosa 17476  MS JUL T G P P L IS TUKE O P R V E MG R A A L. L. D ML N G R P P E S L. L. T T IN A D A D A D Y Q Q G F D A A L. L. L. D ML N G R P P E S L. L. Junkengo UP1000478E30  Junkengo UP1000478E30  Junkengo UP100040AFC39  Junkengo UP10040AFC39  Junkengo		5
Junkergo   Diplocod/1869940   Diplocod/186904	UniRef90_UPI0003147478	T P R L   A S   V V   T P R E A   I   G E R A A Q A   L   A R   I   R G E G   V   D Q P   V
Junkergo UP10004948E7D  Junkergo UP10004948E7D  Junkergo UP10004948E7D  Junkergo UP10004948E7D  Junkergo UP1000494E8PD  Junkergo UP1000478E900  Junkergo UP1000478E7264  Junkergo UP1000478E7	UniRef90_F8FKD0 UniRef90_R6EKT0	QILLEMGIVE QALLLIQKPIVINMGYILGIVEQALIHIVLINGKKAFPKIL
Junkelgo Junko Junko Junkelgo Junko Junkelgo Jun		A QASY <mark>C</mark> FPP L ST V AQPRYE I GREAT LLL EQ L QGHS V T RS
Junkelso D. 939/503  Junkelso	UniRef90_J0R1D8	LATPALTTVWNGQREVGRRAARALLDLLNG VELENK
Julikariso   Dalicia   Julikariso   Dalicia   Julikariso   Dalicia   Julikariso   Dalicia   D	UniRef90_UPI000374E25/ UniRef90_S3YC50	MSI I A G K Q S M T V F K D T R K L G E R A F T M V D QI I K G N G K K D V P
Jinkelgo UP100047ABF0      DIV	UniRef90_D9WQ33	IVIHT DPPII IT AII IA QPT GDILIGHA AIVIGAIL I IDRII IE GR PA A
Jinkel90	UniRef90_UPI00047ABF0	0 G
Jinkel90	UniRef90_A3X9P5 UniRef90_R5NUU8	E A V A H G T M Q G T V Y N D K E D Q A R M I A L L T V A L I E G Y G L E D D I
Jainelego UPI000040AFC38  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego CSEMPA  Jainelego CSEMPA  Jainelego CSEMPA  Jainelego CSEMPA  Jainelego ADA024YJV0  Jainelego ADA024YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego TSEA1  Jainelego TSEA1  Jainelego TSEA1  Jainelego ADA0224YJV0  Jainelego ADA0224YJV	UniRef90_V5E4M2	LK SGVLOGEVVODAYOLGYOGLKALDDALNGKTV AK
Jainelego UPI000040AFC38  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego GSTSA1  Jainelego CSEMPA  Jainelego CSEMPA  Jainelego CSEMPA  Jainelego CSEMPA  Jainelego ADA024YJV0  Jainelego ADA024YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego ADA0224YJV0  Jainelego TSEA1  Jainelego TSEA1  Jainelego TSEA1  Jainelego ADA0224YJV0  Jainelego ADA0224YJV	UniRef90_C6CFX1	KREVSGTQTMTVYKPLSKLAQDAANLAV ELGQGKKPESN
JAIRGESO GETSA1  JAIRGESO CAMBAN  JAIRGESO W78009  JAIRGESO W780009  JAIRGESO W7		4
JAIRGE90 W78009  JAIRGE90 X7EG11  JAIRGE	UniRef90_UPI00040AFC3	B ALVKSGDMAGTVLNDAQNQAKATFELARNLANGKAKI EEK
JAIRGE90 CSEMP4 JAIRGE90 CSEMP	UniRef90_K2M1H3	VGGLITPKL CSAVQPTQEMGRQALAFLRGLIKGQTNP Q
JAIRGE90 AXC024YUV0 JAIRGE90 D1AWX5 JAIRGE90 D1AWX5 JAIRGE90 D1AWX5 JAIRGE90 D1AWX5 JAIRGE90 D1AWX5 JAIRGE90 D1AWX5 JAIRGE90 WOLDAG JAIRGE90 W		K PRLITTILKQPVQLLIAEKAVQHLLI LIMKKDPDYHFY QRIJMEGTQNMTAEKSVEEEARIJAAEYAVMI INDGTYDIIPY
Jinkergo D1AWX5 Jinkergo Wolba6 Jinkergo Jinkergo Jinkergo Wolba6 Jinkergo	UniRef90_X7EG11	K A         R R G E Q Y S T         F K D T R E   L   A E   V   T   V   G M   V   D A   L L   Q G G E P E   I   N D
JAIRGE90 GELI201 JAIRGE	UniRef90_D1AWX5	T L I E K G E M V G T V L Q D A T G Q A R A I L E L A N N I A N G K E P T E G
Jinkef90 UP10003668CB Jinkef90 UP1000366CBB Jinkef90 T0KSZ9 Jinkef90 T0KSZ9 Jinkef90 S6RUS Jinkef90 S7RUS JINKEFPO S7RUS JINKE	UniRef90_A0A022MGC4	K S I I A G Q Q T Q T V Y K D T R K L A E V A S T M V D D V L N G K K P E V N D
Jinker90	UniRef90_E6LI21	T S E G S N Y   L V   S T   I   A Q P   I   E   L   M A Q E A   V   D   V L L   K   V I   N G K E   V   S K
Jurikefoy Geychael Jurikefoy Sertho Juri	UniRef90_T0KSZ9	LEIPKGIIIGAAMQQPYVFGENAVLVLDNFFNKKNV KK
Jurikef90 _RSHTS3		3 II   VIPII IS SII ID <mark>H</mark> S T Y D M G K II IS M F F II I I F MII IK F K D F T R A R
Jurikef90 (Jensen)  Jurike	UniRef90_R6FUF0	ISEFYNPGI TTVK QPKREITALK STELLFDLLK GEC ENK
JAIRÉ90 LP100037BADE4  JAIRÉ90 LP100037BADE4  JAIRÉ90 LP100037BADE4  JAIRÉ90 LP100037BADE4  JAIRÉ90 LP10004051674  JAIRÉ90 LP10004051674  JAIRÉ90 LP10004051674  JAIRÉ90 LP10004051674  JAIRÉ90 LP10004051674  JAIRÉ90 LP100037BADE4  K K K N AIL L G T V L Q S P K D Q A K A G E R L F L Q I L A K K S E H Q P Q D L JAIRÉ90 LP10004051674  JAIRÉ90 LP100037BADE4  K K K N AIL L G T V L Q S P K D Q A K A L V D MV M N V V N N K D V D E V K D A F K L G S V L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L T L T Q P A F T L G E E C A K L L M K K L T K P R Q P P N Q D A F T L T L T Q P A F T L G E E C A K L L M K K L T K P R Q P P N Q D A K A M A T L T L T L T Q P A F T L G E E C A K L L M K K L T K P R Q P P N Q D A K A M A T L T L T L T Q P A F T L G E E C A K L L M K K L T K P R Q P P N Q D A K A M A T L T L T L T Q P A F T L G E C A K L L M K K L T K P R Q P P N Q D A K A M A T L T L T L T Q P A F T L G E C A K L L M K K L T K P R Q P P N Q D A K A M A T L T L T L T L T L T L T L T L T L T	UniRef90_I9MHL5	<u>Q R     V   E G T Q T M T   V   Y K P     K   L   A P S A A E       A   V   K   L V   K G D Q     K T D G</u>
Jurkef90_E3IG64 Jurkef90_J9UCM1 Jurkef90_J9UCM2 Jurkef90_J9UCM3 Jurkef90_J9UCM	UniRef90_R5HTS2	LIYAQRGTGI ITTI AHPQEKLIGEMAAELI LEKI AGPEEDSKU
Juriker90	UniRef90_F7S280	N N V R S G R Q L TT N L Q N A P L Q L G E A L Q V A V D A V D G K S V P C K
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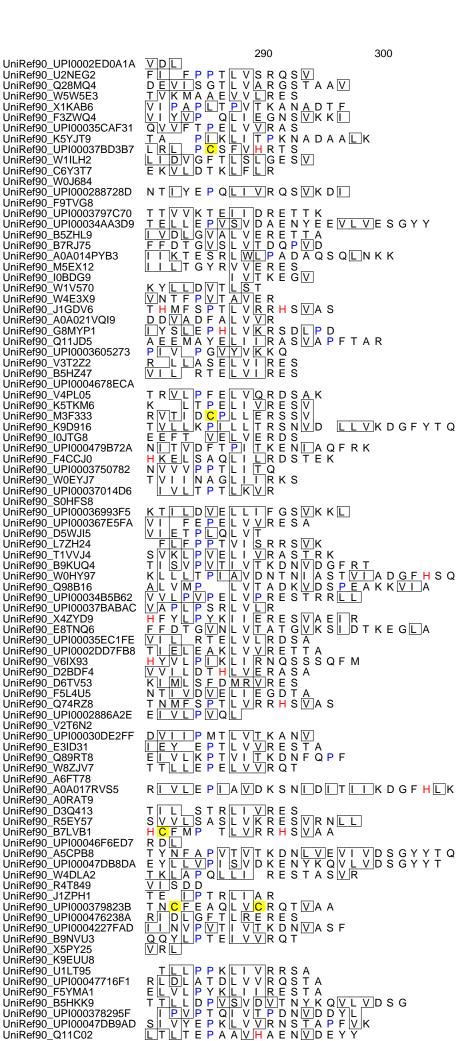
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UniRef90_A9B6V3 UniRef90_E7B8Q4 UniRef90_D7BT77		
UniRef90_UPI00035FF32C UniRef90_R5K7Y1 UniRef90_I4YQB7	I AVAVPEI DIPYFAELTRHVVQAAARESGYTVLI DTE I GVVVPEI VTHFFSSI LSGI EDMAI ANGYFVI I TSH TMNVLVVAPRLTNPVFAELLRGVDDELTQSGYGI I I GND	
UniRef90_K4TI03 UniRef90_UPI00046AB3CC UniRef90_R6MHF9 UniRef90_S4N217		
UniRef90_UPI00047807CA UniRef90_UPI00040FCD7B UniRef90_G4HAT0	T P T L A F V L E D I T G P S F A H M A H G V E R E A T R L G H L L V C S T E T V G L V F L D L G S P W A M E I L T G V E E V T H D A G F G I V V S A V Q T K T I G L L V S G L S D N I V M E V L T G V D H R C S E L G Y D V L F N T T P P K I T V A V K A M D E E F W R V L I D G V H T A S R E F N V E V S V I G P	]
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UniRef90_L8TQS2 UniRef90_UPI00035D054E UniRef90_UPI0002FE393A	I I LALPQLSEPYFAELADAVIEAAAK <mark>C</mark> GLVVLVQIGIGIDFVINELDSPWAWELIRGAEDVLHDAGMGLVVVSSTVGMIVGSIDGPFYGPIMHMAFDTVRKSNIHIIIVTSO	
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UniRef90	UniRef90_l	UPI0004719F96	Y Y A P N D S L A L G L L A S L K N A G Y G T A D K P Y P L T G Q D D K P N V
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UniRef90_UP1000318CB37 UniRef90_UP1000417C2DC UniRef90_UP1000417C2DC UniRef90_UP1000417C2DC UniRef90_UP100046655EE UniRef90_UP100046655EE UniRef90_B9J8H1 UniRef90_UP1000477A629 UniRef90_UP1000370543C UniRef90_UP10003661DD9 UniRef90_UP10003661D9	UniRef90_0	C4UEW2	FAYNDSMAAGAMAVLKENGI VPEQFSL VGFDDLP
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UniRef90_UPI0003661DD9 UniRef90_UPI0003661DD9  A A S D VMA S G A V L E L R A A G L R P H D V A V V G F D D S UNIRef90_UPI0004640D99 UniRef90_UPI0004640D99 UniRef90_UPI0004640D99 UniRef90_UPI000365ABA9 UniRef90_UPI000376AB88	UniRef90_I	M3IYI1	I A T A S D Q Q A L G L M R G A S D Y G L S P R D L S I I G F D D L P
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UNIKERYU_FUSK4Z  FAAS D F SAL IG A MILIYIL IK E IVIGII IKI I P E E II AJI A G FAN E P F T E IL UNIRERYO_UPI000365ABA9  V C S N D L L A I S L I A E L R R N G W G P E R L S V I G F D G I A LISTRAFON UPI00037CAERR I A C G N D E MA T G AJI N A L R E G G P N P E D V S V I G F D N I D V A S V I	UniRef90_I	UPI0004640D99	FCNNDDMALGALFECQRRRIRVPDQF G MGYNDLEY
UniPerson Upinon37CAERR LIACCN DE MATICAL IN ALIBEOGRAPE DIVISIVE GED NIL DVAS VI		FUS842 UPI000365ABA9	FAASDESALIGAMLIYILIK EIVIGILIKILIPEEILIAJI JAGEANEPETEL VICSNDL LAILISLI JAELIRRNG WGPERILISIV LIGEDGIL
Office 30_Of 100037 CALOD IT A CONDENIA TO A IT IN A IE IN E. Q.O.N. N.T. E. DIVIDIVITION DINITIDITA OFFICE		UPI00037CAE8B	TACGNDEMATGAI NALREQGRNPEDVSVIGFDNI DYASYL

	250 260 270 280
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UniRef90_D1Y7V2 UniRef90_R8WZL2	A GIL VII P SILII TILIA O Y P E OILIG O K A A AILT TILI O T DILIT A PILIO G S
UniRef90_S2DSH6_	<u>VEPN                                    </u>
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OTHER COOK	THE LEVEN NEW TO LEVEN WELL DIN 1 G G

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ВВ

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sol25 sol5 sol0 jhmm jpssm

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