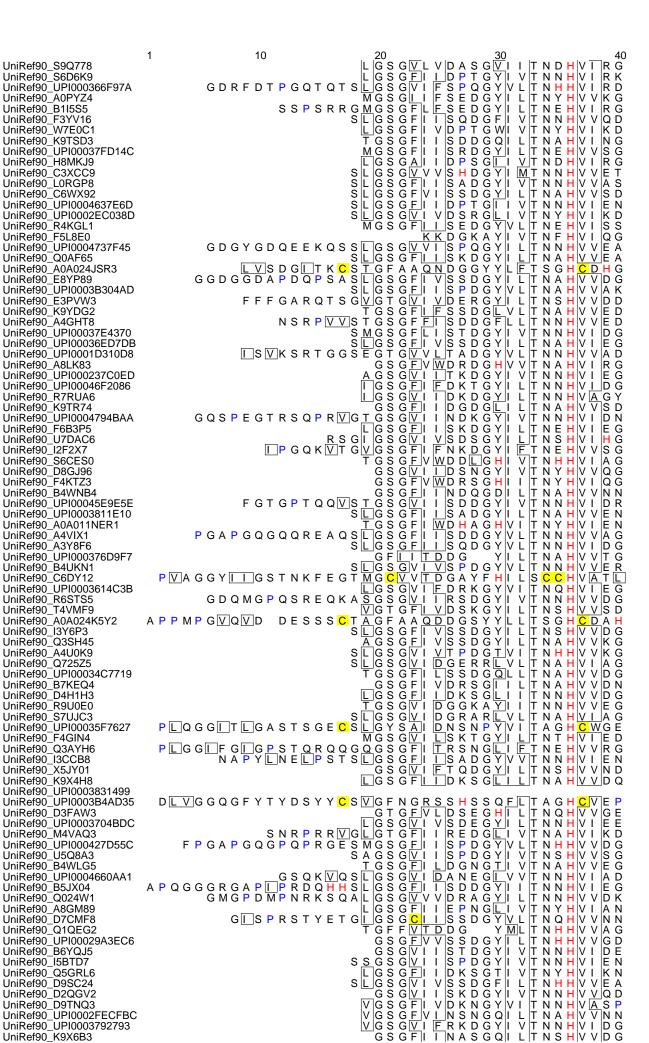
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UniRef90_V6L3P2 UniRef90_L8ESB3 UniRef90_K1E3H3 UniRef90_UPl00037201ED UniRef90_UPl0003736D1A UniRef90_W7IWP6 UniRef90_T1VJY1 UniRef90_H6R7A1 UniRef90_UPl0003636C8B UniRef90_P41140 UniRef90_UPl0003625534 UniRef90_F8UWQ4 UniRef90_D9XK98	R G G D L L Y S S G G S R C P V S F N A A N S T R F Y G I M P G H C A S V V S G G D A I F S Q G G V R C S L G F N V T S D G S P A F L T A G H C G V A I R G G N V L Y S A A G R C T V G F N A T K A G T Y Y A L M A G R C V G G A D V Y P G R I M D L S P G T N C S L G Y P G T S S G N N V L L T A G H C V E G V V G G E R W M P G S E G I C S L G F S V T G P G S Q G F L T A G H C T L T L S A G D A I Y G G R Y R C S L G F N V V S G S T Y Y F L T A G H C T Y G V G G G E R W M P G T D G I C S L G F N V V S G S T Y Y F L T A G H C T Y G A T V Y P G S K M T I N G G G Y C S V G F G A R S S S G Q Y L V S A G H C D P N A S L A G G D G Y A S V A G R C S F G F N G T D G S G R T V I S A G H C D P N N G G G C S V G F G A R D Q G R Q Y L A T A G H C I K G I A G G C S V G F G A R D Q G R Q Y L A T A G H C T E I V R G G E T W V P G A E G A C S V G F S A V A D G S R H F L T A G H C T N D G S R C S L G F N V R S G T T Y Y L L T A G H C T D G
UniRef90_I3IK77 UniRef90_D8I6Z1 UniRef90_S9S7Y6 UniRef90_D3KZU1 UniRef90_G7V982 UniRef90_K2KM82 UniRef90_L0K857	G D A I Q N S Q G R C S L G F N V T R G G S P F L L T A G H C T N L S L G S G F I I D P A G Y I V T N N H V I A D G F I V S K D G Y I L T N N H V I B G G S G F I I S A D G Y I L T N N H V I D G L G S G F I I S A D G Y I L T N N H V V A G L G S G F I I S A D G Y I L T N N H V V A G L G S G V I F D K K G Y I L T N N H V V A G L G S G V I F D K K G Y I L T N N H V V A G L G S G V I F D K K G Y I L T N N H V V A G L G S G V I F D K K G Y I L T N N H V V A G L G S G V I F D K K G Y I L T N N H V V A G L G S G V I F D K K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I L T N N H V V A G M S G V I S D K G Y I S D K G Y I L T N N H V V A G M S G V I S D K G Y I S
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UniRef90)_UPI00046CD467)_A5EY82	WGDSDKVRVGEWVIAIGNPFGLGGTVTVGVVSAKNRS WGDSDSARIGDWAMAIGNPFGLGGTVTTAGIISARNRD LGNSKQLDVGQLAIAIGSPYDVKRRNTVTTGVISAVNRT RAGGGTPVLGSTQVPVGGAVCASTSTSGLRCGSVLAHNQT FANSDEAKVGDWVIAIGNPFGLGGTVTQ GIVSAINRD LGNSDDIEVGDWVVAVGNPFGLNG TVTVGIISAKGRV LGDSDAVKVGDWVLAIGSPF GFDTTATKGIVSAKGRS MGDSDKILVGEDWVVAALGNPF
UniRef90)_Q6SHZ8)_UPI00037E4FD1	WGDSDSARI GDWAMAI GNPFGLGGT VT AGI SAKNRT RAGGGTPVLGSTQVPVGGAVCASTSTSGLRCGSVLAHNQT FANSDEAKVGDWVIAI GNPFGLGGTVTQ GI VSAINRD LGNSDDIEVGDWVVAVGNPFGLNG TVTVGI ISAKGRV LGDSDAVKVGDWVLAI GSPF GFDTTATKGI VSAKGRS MGDSDKI LVGEDVVAI GNPF GLIQTVTYGI VSAKGRS LGNSDKI LVGEDVVAI GNPF GLIQTVTYGI VSAKGRS LGNSDKLRVGDWVVAI GNPF GLIQTVTYGI VSAKGRV TGDSDSLRVGDWVVAI GNPF GLIQTVTAGI VSAKGRV
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UniRef90)_A1ZGC2)_B5YHV1	F G N S E D M K V G Q W V V A I G N P F G I N H T V T A G I I S A K G R V I G D S D N I Q I G E WA I A I G N P F G I E F T V T Q G I V S A I R E N P G A Y G N S D K T H I G E W V L A V G N P F D L T S T V T A G I V S A K G R N W G D S D K L K V G E T V I A I G N P F D L T S T V T A G I V S A T G R F G D S D K L K V G E T V I A I G N P F S L G T V T A G I V S A T G R F G D S D K L K I G E W V I A I G N P F S L G T V T A G I V S A R N R D D D N G T H P V R G I T A P T V G T E I C M H G I T S G T S C G K V T L V N T R F G D S E K A R I G D W V M A I G N P Y G F G G S V T V G I I S A R N R D
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UniRef90)_D1VX49)_H5SNV6	FGDSDNLKVGEWVTAI GNPF GLNNTVTAGI VSAKARS
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JAMESSON JOSEPAS JAMESSON JAME		130 140 150 160
Implement	QUERY UniRef90, Q095L2	
June	UniRef90_D2B7M9	II IT Y P Q G T IV IF F II V IR T N IV I <mark>C</mark> A F P G D S G G S F II I S II ID Q A Q G IV IT S G
Jindeed De Drougser 1909 Jindeed De Drougser 1909 Jindeed De Se Ge S WY Jindeed De Se Ge		IVIN Y A F G S IV IT G IV IT O T N IVI <mark>C</mark> A O O G D S G G S F Y S G A O A O G IV IT S G
JARSHON ASPENDY JARSHON SEYGAY V N Y A S G I V Y G I I S N N Y A S G G S W S G S W S G S M S G S M S G S M S G S M S G S M S G S G	UniRef90_UPI00036F5F22	VNYAEGTVTGLTQTDACAEPGDSGGSWV SGTEAQGVTSG
JARSHON ASPENDY JARSHON SEYGAY V N Y A S G I V Y G I I S N N Y A S G G S W S G S W S G S M S G S M S G S M S G S M S G S M S G S G		V T Y P Q G T V R G L T R T S V C S E P G D S G G S F L S G S Q A Q G V T S G V T Y P F G T L T G V T R T T V C A F P G D S G G S Y L S G S Q A Q G V T S G T S
Jamesego Protoco 376868 V V S C A E C C S C C S C S F S S C C C C C C C C	UniRef90_A4FNQ0	VRYAEGTVYGLTRTNYCAEPGDSGGSFII SGNQAQGMT
Jamesego Propostropes Value Valu		VIN Y A Q G A IV IY G L IS R S N A C A E G G D S G G A WL S G D Q A Q G V T S G
Jamesego Protoco 376868 V V S C A E C C S C C S C S F S S C C C C C C C C	UniRef90_D9T5P5	VNYAEGSVSGLIRTNVCAEPGDSGGSLFAGTVALGLTSG
Jamesego Propostropes Value Valu	UniRef90_UPI00040FCF99 UniRef90_N0CQX7	VTYPEGII SGVTRTSVCAEPGDSGGSWV SGDQAQGVT
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Jurice100 S322CC2 Jurice100 S323CC2 Jurice100 S423CC2 Jurice10 S423CC2 Jurice100 S423CC2 Jurice100 S423CC2 Jurice10 S423CC2 Juric	UniRef90_UPI000363B3F9	VYVPH TVHGLTRTTVCAEPGDSGGPYL SGDQAQGVTSG
Jurice100 S322CC2 Jurice100 S323CC2 Jurice100 S423CC2 Jurice10 S423CC2 Jurice100 S423CC2 Jurice100 S423CC2 Jurice10 S423CC2 Juric	UniRef90_V6KFV1	VNYAEGSVSGLIQTNVCAEPGDSGGPLFTADGTAIIGLTSG
Jurice100 S322CC2 Jurice100 S323CC2 Jurice100 S423CC2 Jurice10 S423CC2 Jurice100 S423CC2 Jurice100 S423CC2 Jurice10 S423CC2 Juric	UniRef90_C7MTG2 UniRef90_K0JZK1	VNYPQGAVHELLVQTSASVNSGDSGGA LFAGSVGLGLTSG
Jurice100 S322CC2 Jurice100 S323CC2 Jurice100 S423CC2 Jurice10 S423CC2 Jurice100 S423CC2 Jurice100 S423CC2 Jurice10 S423CC2 Juric	UniRef90_V6JLB8	VNYGGGDVYGMIQTNVCAEPGDSGGPLY SGSRAIGLTSG
Jüriceido S323CC2 Jüriceido S423CC2 Jüriceido S413P2 Jüriceido S413P2 Jüriceido S413P2 Jüriceido S413P2 Jüriceido S413P2 Jüriceido S413P2 Jüriceido S413P3 Jüriceido S415P3 VN S G F D T VI V S G L V Q T A A A G A E P G A V G S G S T A I L G L V J G A G A G D S G G S S G T A I L G L V J G A G A G D S G G S G S G A V J G V J G A G V J K S G Jüriceido S415P3 Jüriceido UP100037201ED Jüriceido S415P3 Jüriceido S415P3 Jüriceido S415P3 VN Y G G G V J S G G J L Q T T W G A E G G D S G G G P L V J G G S K A L G L V I S G Jüriceido S415P3 VN Y G G G V J S G G J L Q T T W G A E G G D S G G G P L V J G G S K A L G L V I S G Jüriceido S415P3 Jüriceido S415P3 Jüriceido S415P3 VN Y G G G D K G G G J L Q T T W G A E G G D S G G G P L V J G G L A G V J S G Jüriceido S415P3 Jüriceido S415P3 VN Y G G G D K G G D K G G G J L V G G L K A S T V G L J K K G D S G G G A W J T N G G A A G G W J T S G Jüriceido S415P3 VN Y G G G D V K G L L Q T N W G A E P G D S G G G D V J T G G L A L G L L G T T W G A E L G L T T S G Jüriceido S415P3 Jüriceido S415P3 VN Y G G G D V K G L L Q T N W G A E P G D S G G G S Y V T D G G K A V J G V H S G Jüriceido S415P3 VN Y G G G D V K G L L Q T N W G A E P G D S G G G P L V T G R L L A L G L I T S G Jüriceido S415P3 VN Y G G G D V K G L L A K S T V G L H K G D S G G G A W J T N G G A A G V V T S G Jüriceido S415P3 Jüriceido D415P3 VN Y G G G D V Y G M M R T N W G A E P G D S G G G S Y V T G G D A A G V T S G Jüriceido S415P3 Jüriceido D415P3 VN Y G G G D V Y G M M R T N W G A E P G D S G G G S Y V T G G L A A G V G L I H S G Jüriceido S415P3 Jüriceido D415P3 VN Y G G G D V Y G M M R T N W G A E P G D S G G G A V D T N M G G C V G L I N T A A JÜRICeido D415P3 VN Y G G G D V Y G M M R T N W G A E P G D S G G G A V D T N M G G C V G L I N T A A JÜRICEIdo D415P3 VN Y G G G D V Y G M M R T N W G A E P G D S G G G A V D N M K G V V G L I N T A A JÜRICEIdo D415P3 VN Y G G G D V	UniRef90_UPI00047708CD UniRef90_UPI000366D7B4	VINYPQGTVIYQMII RTNACAEGGDSGGS MFAGSIVALIGILT
Jurice100 S322CC2 Jurice100 S323CC2 Jurice100 S423CC2 Jurice10 S423CC2 Jurice100 S423CC2 Jurice100 S423CC2 Jurice10 S423CC2 Juric	UniRef90_W0BZB8	V S Y P D G T V T G L T R T S A C A E G G D S G G S F D T G A G Q A Q G V L
JAIRE190 DSXK98 JAIRE1	UniRef90_S3ZGC2	INFPEGVVNGVERSTLCAEPGDMGGGPAFSGNTALG_
JAIREP90 DSXK98 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK98 JAIREP90 DSXL9A JAIREP90 DSSUA6 JAIREPPO DSSUA6 J	UniRef90_V6L3P2	VINFGTDTVINGLIQTNIVCAEAGDSGGSLFTQDGSAVGLTSG
JAIREP90 DSXK98 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK98 JAIREP90 DSXL9A JAIREP90 DSSUA6 JAIREPPO DSSUA6 J	UniRef90_K1E3H3	VNYGGTVVSGLAEASVCTEGGDSGGAYIGVGNLAQGMTSG
JAIREP90 DSXK98 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK98 JAIREP90 DSXL9A JAIREP90 DSSUA6 JAIREPPO DSSUA6 J	UniRef90_UPI00037201ED UniRef90_UPI000476216B	V R Y P G G T V S G L I Q T T V C A E G G D S G G P L Y D G S K A L G L T S G
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JAIREP90 DSXK98 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK98 JAIREP90 DSXL9A JAIREP90 DSSUA6 JAIREPPO DSSUA6 J	UniRef90_T1VJY1	AKVLDHTILDNGFTTNI CVLQGDSGGPI VI SGTLAVGIITSA
JAIREP90 DSXK98 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK98 JAIREP90 DSXL9A JAIREP90 DSSUA6 JAIREPPO DSSUA6 J	UniRef90_H6R7A1 UniRef90_UPI0003636C8B	VQVGDRQLTQSFSANICALPGDSGGPLVT GRLALGISSA
JAIREP90 DSXK98 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK2U1 JAIREP90 DSXK98 JAIREP90 DSXL9A JAIREP90 DSSUA6 JAIREPPO DSSUA6 J	UniRef90_P41140	VNYGGGDVSGLTQTNVCAEPGDSGGAVLFAGSTALGLTSG
JniRef90	UniRef90_UPI0003625534 UniRef90_F8UWQ4	IVIN Y G G G DIVIY G MILIR I NIVI <mark>C</mark> A F P G D S G G P II IY
JniRef90_D8121	UniRef90_D9XK98	V N Y S Q G A V R Q M T K T S V <mark>C</mark> A E G G D S G G S F I S G D Q A Q G V T S G
JniRef90_D3KZU1 I R A R G N V S F D G F L Q T D A A I N P G N S G G P M F N M K G E V I G I N T A JniRef90_G7V982 I R A R D F S F D G F L Q T D A A I N P G N S G G P L L D L D G K V V G I N T A JniRef90_K2KM82 JniRef90_U8857 I R T K N G L L E N L I Q T D A A I N P G N S G G P L L N L K G E V I G I N T A JniRef90_U910003631245 JniRef90_U910003631245 JniRef90_U9100046CD467 JniRef90_U9100045CD467 JniRef90_U9100037E4FD1 JniRef90_U9100037E4FD1 JniRef90_D623R5 L G S G P Y D D F I Q T D A A I N P G N S G G P L F N M D G E V L G I N T A JniRef90_U91000383467C JniRef90_U91000381467C JniRef90_U91	UniRef90_D8I6Z1	
JniRef90_C7V982	UniRef90_S9S7Y6 UniRef90_D3KZU1	I N A
JniRef90	UniRef90_G7V982	II IR A R D F S F D G F II IO T D A A II IN P G N S G G P II I IN II IK G F IV I IGII IN T A
JniRef90	UniRef90_K2KM82 UniRef90_L0K857	I R T K N G L L E N L I Q T D A S I N P G N S G G P L L N S Q G E V I G I N T A
JAIRE190	UniRef90_UPI0003631245	VTFPQGTVSGLTRTTLCSERGQDEGTPVVSGNQAQGVLLL
JAIRE190	UniRef90_UPI00046CD467	GEGPFDHFLQTDAAI NPGNSGGPLVNMKGEVIGI NTA
JAIREF90_UPI00037E4FD1	UniRef90_A5EY82 UniRef90_Q6SHZ8	NVGI NEYENFI QIDAAI NPGNSGGPLFNGKGEVIGI I SQ
JniRef90_D623R5	UniRef90_UPI00037E4FD1	I GSGPYDDFI QTDAAI NPGNSGGPLENTRGEVVGI NTA
S G S Y D D Y Q T D A S N R G N S G G P L D M N G K V V G N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G D S G G A I V A G T L A V G M S S A D N T A D N R R R P S G G P L L N M Q G E V I G I N T A D N R R R P S G G P L L N M Q G E V I G I N T A D N R R R P S G G P L L N M Q G E V I G I N T A D N R R R P S G G P L L N M R R R R S G G P L L N M R R R R R R R R R R P S G G P L R P D G V S G G P L R P D G V S G G P L R P D G V S G G P L S R R R P D G V S G G P L S R R R R R P S G G P L S R R R R R R R R R R R R R R R R R R	UniRef90_S7UUR7 UniRef90_D6Z3R5	L GSGPY DDF QTDAS NPGNSGGP LDMNGRV VG NTA
S G S Y D D Y Q T D A S N R G N S G G P L D M N G K V V G N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G G D S G G A I V A G T L A V G M S S A D N T A D N R R R P D G V S V D G F E F N A C V E G D S G G A I V A G T L A V G M S S A D N T A D N R R R P S G G P L L N M Q G E V I G I N T A D N R R R P S G G P L L N M Q G E V I G I N T A D N R R R P S G G P L L N M Q G E V I G I N T A D N R R R P S G G P L L N M R R R R S G G P L L N M R R R R R R R R R R P S G G P L R P D G V S G G P L R P D G V S G G P L R P D G V S G G P L S R R R P D G V S G G P L S R R R R R P S G G P L S R R R R R R R R R R R R R R R R R R	UniRef90_G0A032	PDGNYVPFIIQTDVAIINPGNSGGPLENMQGKVVGIINSQ
JniRef90_U9VYT6 JniRef90_D6SUA6 JniRef90_H2J6T7 JniRef90_E8PLR5 JniRef90_B5YHV1 JniRef90_B5YHV1 A N V G L S C L V P Q V L Q T D A A L N P G N S G G P L L N M Q G E V L G L N T A J J N R G S C C L L N M Q G E V L G L N T A J J N R G S C C L L N M Q G E V L G L N T A J J N R G S C C L L N M Q G E V L G L N T A J J N R G S C C L L N M Q G E V L G L N T A J J N R G S C C C L N M Q G E V L G L N T A J J N R G S C C C L N M Q G E V L G L N T A J J N R G S C C C C C C C C C C C C C C C C C C	UniRef90_UPI0003B32F4B	E S G S Y D D Y L Q T D A S I N R G N S G G P L F D M N G K V V G L N T A
Jniref90_D6SUA6	UniRef90_UPI000381467C UniRef90_U9VYT6	IVIGII IP D K RILL D FILIO T D A AILIN P G N S G G PILLIN S O G FIV LIGII IN T A
JniRef90_A1ZGC2 N L S G Q E S F Q T D A A V N P G N S G G A L V N L K G E L V G I N T A J N R S G Y P D F I Q T D A A I N P G N S G G P L V N V R G E L V G I N T A J N R S G Y P D F I Q T D A A I N P G N S G G P L F N D G Q V V G I N T A J N D G R Y D N Y I Q T D A A I N R G N S G G P L F N D G Q V V G I N T A J N D G R Y D N F I Q T D A A I N R G N S G G P L F D R N G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L F D R N G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L F D R N G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L F D R N G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L V N A Q G E L V G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L V N L D G E A V G I N T A J N D G R Y D D F I Q T D A A I N P G N S G G P L L N S L G Q L I G V N T A J N D G R Y D N T A D N R D N P G N S G G P L V N L D G E A V G I N T A S L N P G N S G G P L V N L D G E V V G I N S A D N R D N P G N S G G P L V N L D G E V V G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G F V L G I N S A D N P G N S G G P L V N S A G S P L G N S G G P L V N S A G S P L G N S G G P L V N S A G S P L G N S G G P L V N S A G S P L G N S G G P L V N S A G S P L G N S G G P L V N S A G S P L G N S G G P L V N S A G S P L G N S G G P L V N S A	UniRef90_D6SUA6	GAGPYDNFI QTDASI NPGNSGGPLLNMQGEVIGI NTA
JniRef90_A1ZGC2 N L S G Q E S F Q T D A A V N P G N S G G A L V N L K G E L V G I N T A J N R S G Y P D N Y Q T D A A I N P G N S G G P L Y N V R G E L V G I N T A J N R S G Y P D N Y I Q T D A A I N P G N S G G P L F N D G Q V V G I N T A J N D G R Y D N Y I Q T D A A I N R G N S G G P L F N D G Q V V G I N T A J N D G R Y D N F I Q T D A A I N R G N S G G P L F D R N G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L F D R N G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L F N M R G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L F N M R G E V I G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L V N A Q G E L V G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L V N L D G E A V G I N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L L N S L G Q L I G V N T A J N D G R Y D N F I Q T D A A I N P G N S G G P L L N S L G Q L I G V N T A D N R G P V D G I N S A D N P G N S G G P L V N L D G E V V G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G F V I G I N S A D N P G N S G G P L V N S A G S P L V N S A G S P L V N S A G S P L T N P G N S G G P L V N S A G S P L T N P G N S G G P L V N S A G S P L T N P G N S G G P L V N S A G S P L T N P G N S G G P L V N S A G	UniRef90_H2J617 UniRef90_E8PLR5	I G D E S G L V P Q V I Q T D A A II N P G N S G G P L L N L H A Q V I G I N T A
JniRef90_M3F5Z0	UniRef90_A1ZGC2	LINI LISGQI ESFI QTDAAVNPGNSGGAL VNLKGEL VGI NTA
JniRef90_M3F5Z0	UniRef90_J6LDD7	IN SGRYDNYI QTDAALNRGNSGGPLFNLDGQVVGI NTA
L	UniRef90_M3F5Z0 UniRef90_J0RGV4	V T Y P S T QV S GL I Q S D L C S E P G D S G S A V Y N T G I N A V A I N S G L N A C F V I G I N T A
L	UniRef90_W4LY87	GAGPYDDFI QTDASI NPGNSGGPLENMRGEVIGI NTA
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JniRef90_UP1000255A0C6	UniRef90_G4SXU4	SILIGILIS DIVIEDELLIO TIDA ALLINIDIGNIS GIGIDILIVINI IN DIGENIVIGILINITA
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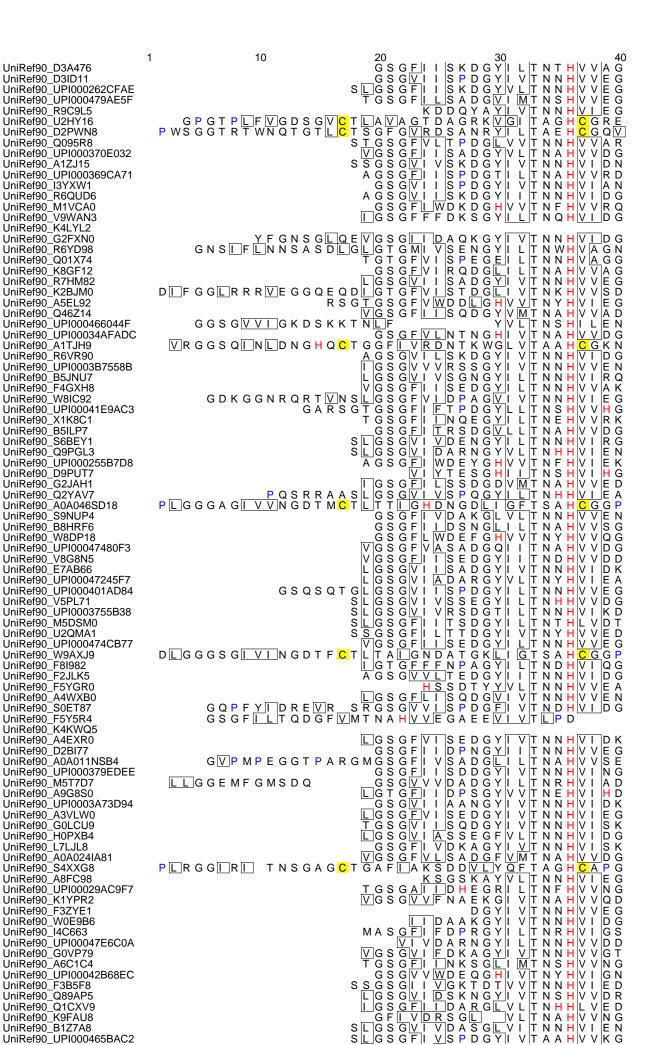
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UniRef90_Q5GRL6 UniRef90_D9SC24	A Q D I T V T M T Y F K A E V L G Y D A R T D L A V L K I K A D K D L S F V T A D Q I E V D G R K A R A H V I G S D P E T D L A V I K V E L P G G L P A V T F
UniRef90_D2QGV2 UniRef90_D9TNQ3	A S T V Q V E F S D T R T V T A K E D P P T N D L A L L R V D P A S A D L R P L T A D E I Q V S G D E V S A E V I G S D P Q T D I A V L Q I D V D D L P V V E A D L I E V Q D K Q Y K A E V I G S D Q R T D I A L I K I K A D V K L H V A S L A D E V K V D G R E F A A R R V V G S D E Q S D V A L L K I P A T G L P T L R A E E I I S V T L E N N K S F K A R A D E V T D I A V V K I E A S G L P Y L E A D E V M V D G R E L R G E V I G E D S L T D L A V I K V D P K G H K L T A V K A D E V V V D R S E Y I A E V I G S D A D T D I A V L K V D P K G H K L T A V K A D E V V V D R S E Y I A E V I G S D A D T D I A L L K V E A D K S L P T V E A D R I Q V D P V E Y D A K V V G V D S A T D L A V I R V E G K K D L T V A K I A D R I Q V D P V E Y D A K V V G V D S A T D L A V L K L Q K K A T Y T A L K A D K I V A G F D Q P I P A T I V G Q D T E L D L A V L K L Q K K A T T T A L K A D K I T V D R T E L D A T L V G S D E R S D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V T G K K F P A T T K V T V K F S D G R E M L A K V V G S D D V A V L K V E A D N L P F V R A Q D I T V T M T Y F K A E V L G Y D A R T D L A V L K I K V E A D N L P F V R A Q D I T V T M T Y F K A E V L G Y D A R T D L A V L K I K V E A D N L P T I S A D T V T V S F S D G R T V Q G K Q D T V S D I A V V K V N A N D L P T V E L A A K E L L V D G R S L K G K V V G A D A L T D L A V V K V N A N D L P T L S A K E L L V D G R S L K G K V V G A D A L T D L A V V K V N A N D L P T L S A K E L L V D G R S L K G K V V G A D A L T D L A V V K V N A N D L P T L S A K E L L V D G R T F N G Q E D P V T D V A V I K I D A N N L P T L S A C L L K L L K L L C L C L A L T L L K L L C L A D N L P
UniRef90_UPI0002FECFBC UniRef90_UPI0003792793	A D T V T V S F S D G R T V Q G K Q D T V S D I A V V Q V P T N N L P T V E L A A K E L I V D G R S L K G K V V G A D A L T D L A V V K V N A N D L P E A V A D R V T V T L K D G R T F N G Q E D P V T D V A V I K I D A N N L P T L S
JniRef90_K9X6B3	ADRIVITUIL KOGRT FNGQEDPVT DIVAVIKI DANN LPTLS

		9	00 .		100		110	120
UniRef90_S9Q77 UniRef90_S6D6K	B LGTS	SADLMI SDSHRVG	BETVVA	I GS	P F P F G L S	GLSKT	VTSGV	V S A T G R T I S S R G R
UniRef90_S6D6K	366F97A V G G S	SSDLRVG	BDVVLA	IGN	PF	Ğ∇GQ†	VTQGI	VSATGRS
UniRef90_A0PYZ	4 <u>F</u> GDS	S D S I Q V G	BDPAIA	IGN	PLGKQ	FLGS	VTSGV	V S A T G R S I S A V N R Q I S A K G R P
UniRef90_B1I5S5 UniRef90_F3YV1	LGDS FGNS	S D N V R V G S E Q A K V G	SEWVIA	I G N V G N	P F G I D	GIL D H T I	VTVGV AGI	I SAKGR <u>P</u> I SAKGR <u>V</u>
UniRef90_F31V10	1 FGNS	SDQSRIVIG	GDWILLA	IGN	YGLS	G T	V T S G	I S S R G R D
UniRef90_K9TSD	3 LGNS	S E Q L Q P G S D K V R V G	E WAI A	IGN	PLGLD	NSVTA	GIVSA	TGRSSRD
UniRef90_UPI000 UniRef90 H8MKJ	37FD14C	S D K V R V G S S D L M I G	BEWAII A BETVVA	II IG N	Р Н	GLDHT GLSKT	V I V G V	I S A K G R P V S A T G R T
UniRef90_G3XCC	9 FADI	/ D K A K V lG	S D V V L A		PF	GVGQT	VIT M GII	I S A L G R S
UniRef90_L0RGP	8 FANS	S E K A E V G	BEWIVLIA	II IG N	PF	GILIGHTI	V T K G I	ISAKGRI
UniRef90_C6WX9 UniRef90_UPI000	¹ 2 <u>I</u> GDF 4637E6D FGDS		BEWVAA BE <u>W</u> VMA	IGS	P F P F G L G	GLENT	MTAGI LGI	V S A K G R A V S A R G R E
UniRef90_UPI000	2EC038D L G D \$	SDAIVEIVIG	G D L V L A	I G N	P F	GVGQT	V T S GI	VSAQART
UniRef90_R4KGL	1 <u>L</u> GNI	D D T L V G	B E W V I A	I G N	P Y	GIL D H T	V T A G V	ISAKGRP
UniRef90_F5L8E0 UniRef90_UPI000		SDALRTO EQAQVO	BEPAIA BDPVLA	I G N	P L G L E	FSRT	V T M G I V T M G I	I SAKERS I SALGRN
UniRef90_Q0AF6	5 QGS	P E Q L K V G	BEWVVA	i G A	PF	GVGQT GFENT GAMTG	V T A G	VSAKGRS
UniRef90_A0A024	IJSR3 <u>G</u> G Q I	RVRGVLS	S A S Q I K	AGM	P F C K F	GAMTG	ETCGS	VKSLDGE
UniRef90_E8YP8 UniRef90_UPI000)	SRSKVG AQLKVG	Q WV V A	I GS	P F	GFDNT	V T S G I V T A G I	I SAKSRS VSA <u>K</u> GR
UniRef90_E3PVV	/3 L GD \$	S D T V E V G	BDII ISIVIA	di GN	PILIGILIE	GFESS FERS	VITQGII	ISGLNRS
UniRef90_K9YDG UniRef90_A4GHT	2 LGSS	SEALTPO	DWAI A	IGN		GLNNT	VTVGI SGI	I S A L G R S V S A K G R S
UniRef90 UPI000	37E4370 FAK	A D T L K V G	A V V W O	I GS	PFGLD	YSAS	A G I	VSAKGRS
UniRef90_UPI000	36ED7DB □G D	DKLQV	S E WIV L A	I GS	P F QLR P F GLD P F P L GLE	G F D H S	VITAGI	VSAKGRS
UniRef90_UPI000 UniRef90_A8LK8	1D310D8 GKS LGR	SDALRVC	QPVVA QSVLA	II G N	P F	G T OF	V T S G I L T T G I	V S A M D R T V S A L E R E
UniRef90_UPI000	237C0ED <u>Y</u> GN \$	SDEILIKII 10	BEWIVLIA	VGN	PFNL	TST	V T A G I	VSAKSRN
UniRef90_UPI000	46F2086 LGD \$	S D Q A Q V G	EWMVA	l IGNI	P L G L T	GFEHS	V T A G V V T A G L	LSATGRT
UniRef90_R7RUA UniRef90_K9TR7	4 L GD \$	S S Q V R V G	G Q T V I A G D W A I A	NV G N	F G L D	N T V T L	<u>V T A G I</u> G I I S <u>T</u>	LERSSSQ
UniRef90_UPI000	4794BAA <u>N</u> S	SDDIVEIVIG	BEWVLA	V G N	PL	GLNST	V T A G I	V S A K N I H
UniRef90_F6B3P9 UniRef90_U7DAC	6 L G D S	SDAII IR PG	N W V I A D W V M A	L G S	P		V T	I SAKGRP VSALGRR
UniRef90_I2F2X7			S E WALA	IGN	PL	GLKHT	VITILIGIV	ISAVIGRO
UniRef90_S6CES UniRef90_D8GJ9	0	S H D L K V G	6 Q K <mark>V F</mark> A 6 D T <u>A I</u> A	I GN	P F S L G E Q	GLDYT FAGS	L T S G L V T A G I	V S A L D R S I S A L N R K
UniRef90_F4KTZ	V G T	S F DII IRIVIC			PF	GIL D Q T I	L T T G I	VISAILIGRE
UniRef90_B4WNE	34 LIGDS	S D S V E V G S R D L Q I G S A D L R V G S D E L K A G	D WALLA	VGN	PLGLD		GIVST	LKRSSAA
UniRef90_UPI000 UniRef90_UPI000	45E9E5E KGS \$ 3811E10 I GD	SKLEV	SE WV A A	IGA	P F	TST GFENS	VITAGI	V S A K E R Q V S A K G R S
UniRef90_A0A01	INER1 ILIGISIS	SADLRVG	QKVFA	I GA	PF	GLD WT	LTTGI	V S A L D R S
UniRef90_A4VIX1 UniRef90_A3Y8F	I G R S	S D E L K A C S D D <u>M</u> K <u>P</u> C	E WV LA	I GS	P F		V T A G I V T A G I	V S A T G R S V S A L G R
UniRef90_UPI000	376D9F7 T G T	DELKVG	BEWVAA	I IG A	P F	GFENT	VTAGI	VSAKGRS
UniRef90_B4UKN UniRef90_C6DY1		SDDL <u>L</u> IG G <u> </u>	SETVIA SISYPT	IGN	PF SVQKM	GLAHT GATSE	V T T G <u>V</u> L T T G K	V S A V H R N
UniRef90_UPI000	3614C3B L S S ⁻	T E D L L I C	BEWAIA	III IG HII	PFATM	DASPT	VITVGV	VSATGRS
UniRef90_R6STS	5 FGDS	S D K L R L G	QWVIA	di IGS	PLGLE	DLRST FQKS	I TAGI	I SAKGRQ I SGL DRS
UniRef90_T4VMF UniRef90_A0A024	IK5Y2 GGM S	SIVIR DIV LIS	DLAVA SSNQLK	LGE	P F C K L	G G V T G G S P F G	V]T Q G[<u>l</u> E T <mark>C</mark> G <u>T</u>	ITELDGN
UniRef90_I3Y6P3		II IG S	STKFILIC) V G	WV LAI	GSPFG	FTAGI	VSAKGRS
UniRef90_Q3SH4 UniRef90_A4U0K	9 MGNS	PEKLRVG SDALEVG	BOLVIA	di GN	r r P F	G F E N S G V G Q T	V T A G I V T S G I	V S A K G R S V S A L A R T
UniRef90_Q725Z	MAH	S A D L M P G S E N L V P G	ETVLA	İĞN	PF	GFSHT	V T T ĞİV	V S A L A R T V S A L N R T I S A T G R S
UniRef90_UPI000 UniRef90_B7KEQ	4 II IG D S	STOILIOIVIG	i D W A II TA	UVIGN	PIVIGILID	NTIVITII	GILLIST	IIIGRSAAK
UniRef90_D4H1H	i Ligi	S D E A E L G S A K L R A G	DWVVA	İĞN		GLEWT	ŢĀĞĪ	ISAKKR
UniRef90_R9U0E UniRef90_S7UJC	0 FGDS 3 ADS (S A K L R A G Q <u>D L L</u> I G	3	III IG N	F L G L Q	GLEWT FSRT GYSHT	VITEGIL	I S G V N R T I S A V G R A
UniRef90_UPI000	35F7627 V Y N I	EIVIFTILIT G	SIVIETPD) (; (;)	LIVICIMS	ĞRNRG	ĖŚ <u>Ċ</u> ĞĖ	L Q S K N S S I S G L G R P
UniRef90_F4GIN4 UniRef90_Q3AYF	G S S A	ANIVIKIVI G	3 Q K IV I IA	I GN	P F	GYDRT GLNNT[$M_{\perp} M_{\perp} M_{\perp} M_{\perp}$	I SGLGRP ISAVDRT
UniRef90_I3CCB8	L G N	S D D L K P C A N D L K V C	SEWVLA	III IG S	PF	GFEYS	T A G	V S A K G R S I S A F G R S
UniRef90_X5JY0	$N \subseteq \cap G$				P Y	GFQTT	VITTGV	ISAFGRS
UniRef90_K9X4H UniRef90_UPI000	ର ଓ ଚଣ୍ଡ 3831499 KDG ଓ	T G QII IS R	,	EGE	KVKRL	G T I S O	DL DS M	VLATNAT
UniRef90_UPI000	3B4AD35 TSG	T P V A V R C	YTRAI	V G Q	S LC K S	GRTTĞ	<u>WŢÇĞŚ</u>	VQAVDEA
UniRef90_D3FAV UniRef90_UPI000	ൾ ∐GDS 3704BDC MGNS	SDEITKIVIO	S L V I A	II IG N	PLSFD	G L E R [L A H T	L 1 G V V S F G I	V S A L L R Q V S A R G R S
UniRef90_M4VAC	3 <u>G</u> SSI	K D VEV	Ĕ WVĀĀ	ĒĞΝ	ŢĞ <u>H</u> Ğ	HTMTK	Ğ∥i	
UniRef90_UPI000 UniRef90_U5Q8A	4270000 II IG D (SAALKPO SDALRLO	JUWAIIIA	I GS	F G L D	HSVT NLTNT	AGII	I SAVGRS VSAKSRS
UniRef90_B4WL0	5 LGDS	SDALRPG	BEWAIA	i G N	P [_ '	GLDNT	V T A G I	ISATGRT
UniRef90_UPI000	4660AA1 FGDS	S N K M R I G S Q S V N V G	B D WIV IM A	H IG N	PEGILIG	G T	V IT IL IGII	VSARNRD
UniRef90_B5JX04 UniRef90_Q024W	1 GNSI	DAVQVGD) W A I A	I GS	P F	G F D A S G Y Q A T	M T A GI	V S A K A R A I S A K E R D
UniRef90_A8GM8			D ///// U /			\sim \sim T	$V \mid T \in C \mid I$	
UniRef90_D7CMF UniRef90_Q1QE0	ъ MGDS 32		WVI A SNSI K	II IG N	Y	GLDHT GSPFG	VII A GIV F S A GII	I SAKGRP VSAKSR
UniRef90_UPI000	29A3EC6 MGD	s s k <u>T E V</u> C	EWVLA	SGA	PF	ĞŬŢQŢ	VTAGI	S A K S R R N V S A K K A R R N V S A K A R R N V S A K K A R R N V S A K K A R R N V S A K K A R R
UniRef90_B6YQJ UniRef90_I5BTD7	F F G D S		E WV L A	VGN	PFNL	TST	VITAGIL	VSAKGRG
UniRef90_ISB1D7	6 FSNS	S D K A R V	S D T V M A	I G N	FGLG	GSVST		I SARSRD
UniRef90_D9SC2	$\begin{array}{ccc} \mathbf{G} & \mathbf{H} & \mathbf{P} & \mathbf{I} \\ \mathbf{G} & \mathbf{G} & \mathbf{G} & \mathbf{G} \end{array}$	T V H I G S D A L K L G	P M V L A	IGN	PF	GVGQT	VITMGI	ISALKRD
UniRef90_D2QG\ UniRef90_D9TNC	3 IIIGN S	SDKII VVIG	$\mathbf{F} \cap \mathbf{F} \cup \mathbf{F} \cup \mathbf{F}$	V G Y		FERT	V T S G	V S A K G K R I S A L N R S
UniRef90_UPI000	2FECFBC KSG	QVQP SDKIVV	QWAIA	i Ğ N		GEĖKT	V T Ž Ğ V	V S A K G R R I S A L N R S V S A T D R S I S A L N R T I S A T G R S
UniRef90_UPI000 UniRef90_K9X6B	3792793 F G D S	S D K I V V G S E V L Q P G	BEPAIIA BEAVIA		MGLE	FQGS	VITSGIV	ISALNRT
TINCIBO_VBV0D	IL IG IN S	<u> </u>	,	II O IV	 L	OLL IN IN I	v 1 3 G 1	

120 T

	130 140 150 160
UniRef90_S9Q778 UniRef90_S6D6K9	FKADGRTYNDFII QTDAAI NPGNSGGPL LNVDGDVI GI NTA NIDQGPYDDFII QTDAPI NKGNSGGPL FDMNGQVI GVNTA
UniRef90_UPI000366F97A	RILIGILINT Y F D FILIQT D A AILIN P G N S G G AILLIN A R G DIL VIGILINT A
UniRef90_A0PYZ4 UniRef90_B1I5S5	VSVG GEKQKFIQTDAAINPGNSGGALVNMYGQVIGINSA VTLEDRYYDNLLQTDASINPGNSGGPLLNLRGEVVAINTA
UniRef90_F3YV16	I GAGPYDNF QTDAS NPGNSGGP LI NMAGK VI G NTA
UniRef90_W7E0C1 UniRef90 K9TSD3	I É Q G P Y D D F I Q T D A P I N K G N S G G P M F N M K G D V I G I N T A V G V P D K R V G F I Q T D A A I N P G N S G G P L L N S R G E V I G M N T A
UniRef90_UPI00037FD14C	VISIVIQ D R N Y K N L L IQ T D A S II IN P G N S G G P L L IN L N G E IV I IG I N T A
UniRef90_H8MKJ9 UniRef90_C3XCC9	FRADSRVYNDFLQTDAAINPGNSGGPLLNVDGEIIGINTA _QLGINIYENFIQTDAAINPGNSGGALIDTSGNLLGINSA
UniRef90_L0RGP8	GAGPFDNFI QTDASI NPGNSGGPLIDMNGHVVGI NTA L PQENFVPFI QTDVAI NPGNSGGPLFNLAGEVVGI NS
UniRef90_C6WX92 UniRef90_UPI0004637E6D	L _ DGPYDNF QTDAA NKGNSGGP L FNMDGE V G NTA
UniRef90_UPI0002EC038D UniRef90_R4KGL1	RVGISDFDFFI QTDAAI NPGNSGGALVDMKGQLIGI NTA VQVEDRQYKNLLQTDASI NPGNSGGPLLNLEGEVIGI NTA
UniRef90_F5L8E0	II IFIVIONG WEILINIV LIOT DAAILINPGNSGGAIL VINILIAGOIV LIGILINSIL
UniRef90_UPI0004737F45 UniRef90_Q0AF65	HLGINTFENFIQTDAAINPGNSGGALIDINGNLLGINTA L AQENYVPFIQTDVALNPGNSGGPLFNMKGEVVGINS
UniRef90_A0A024JSR3 UniRef90_E8YP89	IVI II IF A HIVIF A Q P G D S G G P G YIVIK N G T A IVIGIL VIM S
UniRef90_UPI0003B304AD	RLPDESYVPFIQTDVAVNPGNSGGPLFNMNGQVVGINSQ
UniRef90_E3PVW3 UniRef90_K9YDG2	Q
UniRef90_A4GHT8	I N G S D S T Y V P F I I Q T D V A I I N P G N S G G P L F N L E G E V I I G I IN S Q
UniRef90_UPI00037E4370 UniRef90_UPI00036ED7DB	
UniRef90_UPI0001D310D8 UniRef90 A8LK83	V E V G E A V V Y N G Q T D A S N P G N S G P L D S G R L G V N T A L D S G R L G V N T A T T T T T T T T
UniRef90_UPI000237C0ED	I NI GTÜGÜE SEI QTDAAVNPGNSGGAL VNTSGDL VGÜNTA
UniRef90_UPI00046F2086 UniRef90_R7RUA6	I EVSEGOTEMPLIOT DASINERGNSGGPLVNTSGEVIGENTO
UniRef90_K9TR74 UniRef90_UPI0004794BAA	V G P D K R V D F L Q T D A A I N P G N S G G P L L N D R G Q V I G I N T A I N A D K F A V E S F I Q T D A A I N P G N S G G A L V N L D G N L V G I N T A
UniRef90_F6B3P5	ILIEII ID N R T F E NIL LIQ T D A SII IN P G N S G G PIL LINILIN G EIV VIGII IN T A
UniRef90_U7DAC6 UniRef90_I2F2X7	A AGNEMYQDFII QTDAAI NPGNSGGALVNKRGDLIGI NTM LPDGNGVYSNLIQTDAAI NPGNSGGPLLNLHGQVVGI NTA
UniRef90_S6CES0 UniRef90_D8GJ96	L T E E N G A I E H L I Q T D A A I N P G N S G G P L L D S A G R L I G I N T A I E Y N G S I Y K V I Q T D A A I N P G N S G G P L C D L Q G N V I G I N S G
UniRef90_F4KTZ3	II IQTESGPIVIRDAII IQTDAAII INPGNSGGPILLIDSSGRILI IGIVINTA
UniRef90_B4WNB4 UniRef90 UPI00045E9E5E	V G T P D K R I D F I Q T D A A I N P G N S G G P L L N A Q G E V I G I N T A I N I G D F P L E S F I Q T D A P I N P G N S G G A L V N V N G E L V G I N T A
UniRef90_UPI0003811E10	II PDGSFIVIPFILIQTDIVIAILINPGNSGGPILIFNMRGFIVVIGIVINS
UniRef90_A0A011NER1 UniRef90_A4VIX1	L PNESYVPFIQTDVAINPGNSGGPLFNLKGEVIGINSQ
UniRef90_A3Y8F6 UniRef90 UPI000376D9F7	NL P S D N Y V P F Q T D V A N P G N S G G P L F N L D G E V G N S Q L P D E S Y V P F Q T D V A N P G N S G G P L F N K G E V G N S Q
UniRef90_B4UKN1	FKAGERMMFDFI QTDASLNPGNSGGPL LDLDGRLVGVNTA
UniRef90_C6DY12 UniRef90_UPI0003614C3B	LKTENRLYRDLIQTDASINPGNSGGGLVNLYGQLIGINTA
UniRef90_R6STS5 UniRef90_T4VMF9	MPHAPGELESFI QTDAAVNPGNSGGALVNQKGELVGVNTA IQTEQSNMTGLI QTDASINPGNSGGPLLNDKGEVI GI NTA
UniRef90_A0A024K5Y2	V
UniRef90_I3Y6P3 UniRef90 Q3SH45	L
UniRef90_A4U0K9 UniRef90_Q725Z5	NVGIT DYRS FI QT DA AINPGNS GGAL VS MDGKLIGINS AIRS KDGLFT DLIQT DA AINPGNS GGPLLNLLGELIGINT A
UniRef90_UPI00034C7719	VGI PDKRVR FVQTDAAI NPGNSGGPLLNDRGEVIGVNTA
UniRef90_B7KEQ4 UniRef90 D4H1H3	VGTPDKRVR FVQTDAAI NPGNSGGPLLNDRGEVI GVNTA AGIPDKRU DFI QTDAAI NPGNSGGPLLNAKGEVI GI NTA VLGSGPYDNFLQTDASI NPGNSGGPLI NMDGEVVAI NTA
UniRef90_R9U0E0 UniRef90_S7UJC3	TEVSGNWDMNVLQTDAAINPGNSGGPLINSSGQVIGINSL IRTREGAHTDFIQTDAAINPGNSGGPLVNLLGQVVGINTA
UniRef90_UPI00035F7627	MF WG E VWF N N L R L A S Y N S T G G D S G G T V F H R N T L M G V N K G
UniRef90_F4GIN4 UniRef90_Q3AYH6	V L G S G P Y D N P L Q T D A A I N P G N S G G P L I N M D G E V V A I N T A I E V S G N W D M N V L Q T D A A I N P G N S G G P L I N S S G Q V I G I N S L I R T R E G A H T D F I Q T D A A I N P G N S G G P L V N L L G Q V V G I N T A M F W G E V W F N N L R L A S Y N S T G G D S G G T V F H R N T L M G V N K G V S D G K G Q V M G M L Q T D A A I N P G N S G G P L L N S K G E M I G I N N A V G E G Q R V P Y I Q T D A A V N P G N S G G P L L N A A G Q V I G I N T A L P T D S Y V P F I Q T D V A I N P G N S G G P L F N L D G E V V G V N S
UniRef90_I3CCB8	FRSNTGKIDNI QTDVAINPGNSGGPLFNLDGEVVGVNS FRSNTGKIDNI QTDAALNPGNSGGPLVTSHGEVIGINTA
UniRef90_X5JY01 UniRef90_K9X4H8	VG T D K R L E FI Q T D A A L N P G N S G G P L L N G R G E V I G I N T A
UniRef90_UPI0003831499 UniRef90_UPI0003B4AD35	VTYDDGTTRHMIEASN <mark>CSMH</mark> GDSGGPLFSGETALGIDSG FTV DGHNINSFVSNM <mark>C</mark> ALGGDSGGSVI SGSYALGV <i>V</i> SF
UniRef90_D3FAW3	LTAPNGT LQNVI QT DAPI NPGSSGGPL I DASGRVI GI TS
UniRef90_UPI0003704BDC UniRef90_M4VAQ3	LN NLTFYGYIQTDAAINPGNSGGALIDVNGQLVGINSA LQ EINKFPLLQTDASINPGNSGGPLVNSRGQVIGVNSA
UniRef90_UPI000427D55C UniRef90_U5Q8A3	NRYAQQQYVPFI QTDVAI NQGNSGGPLLNVHGEVIGI NS MSYDEGKIESFI QTDAAVNPGNSGGALVNLKGELVGI NTA
UniRef90_B4WLG5	IRVPDKRVQ FIQTDAAINPGNSGGPLLNERGEVIGVNTA
UniRef90_UPI0004660AA1 UniRef90_B5JX04	IRVPDKRVQ FIQTDAAINPGNSGGPLLNERGEVIGVNTAIN SGPYDDFIQTDAAINRGNSGGPLFNMNGEVIGINTAL PNENYVPFLQTDVAINPGNSGGPLFNLDGEVVGVNS
UniRef90_Q024W1 UniRef90_A8GM89	VD PIMQFQHFLQIDAAINPGNSGGPLLNIRGEVIGINIA
UniRef90_D7CMF8	VTLGDRQYRNLIQTDAAINPGNSGGPMFNLDQKVIGVNTA
UniRef90_Q1QEG2 UniRef90_UPI00029A3EC6	VTI GDRQYRNLI QTDAAI NPGNSGGPLLSASGEL VGI NTA NFSRETSVPFI QTDVAL NPGNSGGPLFNQRGEV I GI NSR SVGITNYENFI QTDAAI NPGNSGGPLVNMHGEV I GI NTA NI FSGYTYQQFI QTDAAVNPGNSGGAL VNTKGEL VGI NTA I GI LRGQI ESFL QTDAVVNPGNSGGAL VNLAGEL I GI NTA
UniRef90_B6YQJ5	NI FSGYTYQQFIQTDAAVNPGNSGGALVNTKGELVGINTA IGILRGQIESFLQTDAVVNPGNSGGALVNLAGELIGINTA
UniRef90_I5BTD7 UniRef90_Q5GRL6	
UniRef90_D9SC24 UniRef90_D2QGV2	HLGLNTFENFI QTDAAI NPGNSGGALVDSNGNLIGI NSA IGI PDSPVEAFI QTDAAI NPGNSGGALVNLRGELVGI NSA
UniRef90_D9TNQ3	ILIPII IE E N N M E DIL I IQT D A SII IN P G N S G G PIL VID A Q G N AII IGII IN T A
UniRef90_UPI0002FECFBC UniRef90_UPI0003792793	I S DI S S S D S R V I Q T D A A I N P G N S G G P L L N A R G Q V I G V N T A L D L S D R R V K L L Q T D A A I S P G N S G G A L V N A D G Q V I G L N S A
UniRef90_K9X6B3	I GASDKRVDYL QTDAAI NPGNSGGPL LNARGEVIGMNTA

		170	180	190
UniRef90_S6D6K9	I F A S A Q G I G	SIVIO	GIGFAIPS	NEA
UniRef90_UPI000366F97A UniRef90_A0PYZ4	I F T R S G G K I G G S E V	SH(E(GIGFAIPV GLGFAIPI	N A V
UniRef90_B1I5S5 UniRef90_F3YV16	VNAQAQGI G	FAUPSDIA	A R G V I Q Q L	RPVLDEL IRTG
UniRef90_W7E0C1 UniRef90_K9TSD3	I F S P S G G	F A I I I P I L I Q T A	GLAFALPS AQALAQ	NEA
UniRef90_UPI00037FD14C UniRef90_H8MKJ9	V N A A A Q G I G	6	/R RI	VEELTRFG
UniRef90_C3XCC9 UniRef90_L0RGP8	I Y S R S G G I I A S G Q G I G	FAII I <mark>P</mark> S	GIGFAIPV	
UniRef90_C6WX92 UniRef90_UPI0004637E6D	QILY I LSPSGGS	SRSGGSMC LGIGFSVF	GLSFSI PI PSELA <u>E</u> NL	D V A L DQLVEFGRT
UniRef90_UPI0002EC038D UniRef90_R4KGL1	I S G G S V G I G	6	G E K Y F <u>V</u> P	DQLVEFGRT
UniRef90_F5L8E0 UniRef90_UPI0004737F45	KI A E Y G M Q S I Y S R S G G Q I Y S R T G G F	GUFGTSG(SL)	GMGFAI PI GIGFAL PV	N D A I S T V
UniRef90_Q0AF65 UniRef90_A0A024JSR3	<u>I</u> SLAGDPN		IIYFIVLV	QPILLIGRWGIVIHILVI
UniRef90_E8YP89 UniRef90_UPI0003B304AD	I Y S Q T G G F	1 (3 S F A P	N E A I K V K D E I V K T G DVA M Q
UniRef90_E3PVW3 UniRef90_K9YDG2	KISSAEGLG IRANAEGLG	FALP DE LA	INTAKPI ASRIAQLV	VID TEGEAALGIRMIT DYAMD
UniRef90_A4GHT8 UniRef90_UPI00037E4370			Σ Ε Ε ΙΛΙ	V Δ () k) (; (;
UniRef90_UPI00036ED7DB UniRef90_UPI0001D310D8	I Y S Q T G G F M I L S G Q G G G R	GSSAGN [[]	GL G F A I P V	NLAMDI QG DTA
UniRef90_A8LK83 UniRef90_UPI000237C0ED	I Y S Q T G G F M I L S G Q G G G R I F S P S G I A S Q T G S Y	T G Y S F A V	VSIVKKV	VADLMEYG
UniRef90_UPI00046F2086 UniRef90_R7RUA6	V S A D A Q G I G	F A IV I <mark>P</mark> IV I	N 14 A	
UniRef90_K9TR74 UniRef90_UPI0004794BAA	III ASTTGTY	FALPINKA TGYGFAV	SN IV TK V	T DILLIS R VE DLLIK Y G
UniRef90_F6B3P5 UniRef90_U7DAC6	I NAQAQGIG I YTRSGGYM I JAPEVGTT		GIIG F A I P I	K E V L D E L N N D B
UniRef90_I2F2X7 UniRef90_S6CES0	I Y S P S G A N L N A E G M G	E A F A Y A (GIGFAVPV	D T V
UniRef90_D8GJ96 UniRef90_F4KTZ3	I Y S P S G	<u>A</u> SAC	GIGFSIPV	AVV
UniRef90_B4WNB4 UniRef90_UPI00045E9E5E UniRef90_UPI0003811E10	LSRTGSY	TGYGFAV	V D L A M K V	ANDLIKYG D <u>VA</u> MD
UniRef90_A0A011NER1	I Y S P S G I F T R S G G F M	TSAC		ID T IV I
UniRef90_A4VIX1 UniRef90_A3Y8F6 UniRef90_UPI000376D9F7	IYTRSGGFM	1 (GLSFAIPE GVSFAIPS GISFAIPE	NL VMS
UniRef90_B4UKN1 UniRef90_C6DY12	I Y S R S G G F N L G D R G S S S Q	S A C	GLGFALPI	DRA DRA ONVIDAIDVOLVEG
UniRef90_UPI0003614C3B UniRef90_R6STS5	IIIVSTSGG	SQC	GIGFAIPV	QNVLDALDVQLVFG
UniRef90_T4VMF9 UniRef90_A0A024K5Y2	KASGAEGLG	F A P P N T A	AKPIVEQI	Q <u>PLLG</u> KWGLRIL
UniRef90_I3Y6P3 UniRef90_Q3SH45	OILIY	SRTGGFMO	GILIS FAILI <mark>P</mark> IL	DVAMD VDQLKAGG
UniRef90_A4U0K9 UniRef90_Q725Z5	I F S K G G G	SN(GIGFAMPV	R T V L A S
UniRef90_UPI00034C7719 UniRef90_B7KEQ4	I RANAQGLG	FAII <mark>P</mark> II	A K S 🖂	
UniRef90_D4H1H3 UniRef90_R9U0E0	KISQSGSLG	LIPSGQ(GLGFAVPV VQPL	N MLKELLPKLKTG VDEL
UniRef90_S7UJC3 UniRef90_UPI00035F7627		F A I P I H K A	Δ T	
UniRef90_F4GIN4 UniRef90_Q3AYH6	TSMY	SVSSGAQ APGG	GISFAIPI GLSFAVPV	GNVTKRLGLTPKT DTALAA N
UniRef90_I3CCB8 UniRef90_X5JY01	QIY	SRTGGFMC FGVPVYT1	GLISFALPV FKM	D I P A L M K Y G
UniRef90_K9X4H8 UniRef90_UPI0003831499	GNYSDEPCG	1	A N A II IA O QIL	QRAHPYLGVQMVT YTVLLWEGLKVY
UniRef90_UPI0003B4AD35 UniRef90_D3FAW3	G S Y Q N S <mark>C</mark> G			
UniRef90_UPI0003704BDC UniRef90_M4VAQ3	DARAQG G	STGGSNAC DC FALPLDEN	/ K S I	
UniRef90_UPI000427D55C UniRef90_U5Q8A3	QLF ITGSFTGYS IJGNAQGLG	SASGGYMO	GIVIS FAILIPIL	DLAMGA
UniRef90_B4WLG5 UniRef90_UPI0004660AA1		II IGII IG F SII I <mark>F</mark>	P A QIL IA A GIV	V E Q L R Q F G
UniRef90_B5JX04 UniRef90_Q024W1	QLY I A T H S G G N	SRTGGYM(Q(GLSFAVPI GVGFALPV	D <u>V</u> A M D <u>N</u> T A <u>A QVY N</u>
UniRef90_A8GM89 UniRef90_D7CMF8	I F S P L G T N	ILIGII GFALIF FAII PI	PSNTAKPL	
UniRef90_Q1QEG2 UniRef90_UPI00029A3EC6	I F	S G T G G Y M C	GLSFSIPI AKQVYEQI	DAAMDVY VEVRGYLGVRI
UniRef90_B6YQJ5 UniRef90_I5BTD7	I Y S E T G N	I F [L] NGYAFAV <mark>F</mark>	SYSFAI PI PSSI VKKV	N <u>L V I K K Y G V</u> A D D L L K F G
UniRef90_Q5GRL6 UniRef90_D9SC24	I S P S E S G G N	IVGLGFAII SL	PSNLAISL GIGFAIPA	<u> </u>
UniRef90_D2QGV2 UniRef90_D9TNQ3	KVTTAEGLG	SGYGFA <mark>V</mark> F SFA	VSLVKKV	S A D L L K Y G
UniRef90_UPI0002FECFBC UniRef90_UPI0003792793		GFA <mark>I PID</mark> TA GVE (GMGFAIPI	NTV
UniRef90_K9X6B3	_	IIQGAQ	GEGFAI PI	NTV



UniRef90_D3A476 UniRef90_D3ID11 UniRef90_UPI000262CFAE UniRef90_UPI000479AE5F UniRef90_R9C9L5 UniRef90_D2PWN8 UniRef90_D2PWN8 UniRef90_Q095R8 UniRef90_UPI000370E032 UniRef90_UPI000369CA71 UniRef90_I3YXW1 UniRef90_I3YXW1 UniRef90_R6QUD6 UniRef90_M1VCA0	50 MGNIKVDKREYTAKLVGSDAQSDVALLKI EPQEDLPVVKADQLTVDNREYNARI I GTDKNSDLALIKI DGKN LPAI QAETVLVDNREYNARI I GTDKNSDLALIKI DATDLPVAKI ATERVQVVLKDGRRFDGKVLGSDDVAVLKLDATDLPVAKI ATERVQVVLKDGRRFDGKVLGSDDVAVIKI DAKYATDVINGEYNASGDSWQVGNSGTI VASNDYSVI EFGSNAEVTRSYNGSRI TDRTGELIGTTSRGHDDHDIGLVPASSGNTMYVGGGGAQSI DVGSDLVASNDYSVI EFGSNAEVTRSYNGSRI TDRTGELIGTTSRGHDDHDIGLVPASSGNTMYVGGGGAQSI DVGLSDGREFVVGRDASTDVALLKI DGGN LPRLSAREVDVNKKTYKATVI GTDPSTDLALVKI NAKN LPSI VAKEVTVDNKKTYKATVI GTDPSTDLALVKI NAKN LPSI VAKEVTVDDRREFRARVLGSDPKTDVAVLKI DAKN LPSI VASNLEVTVDRAKATYTAKTDPATDI ALIKI DGGDDDFAFI PASNLEVTLNNNNKTYTAKTDPATDI ALIKI DGDDDFAFI PASNLEVTVDLKNGKSYTAKI GKDNQVDVALLKI DAAKN LPSI VASNLEVTVDLKNGKSYTAKI GKDNQVDVALLKI DAAFTETLRPVTAASNLEVTMADGKTYPARYDADKDVAVLKI DAAFTETLRPVTABEAARVTMADGKTYPARYDADKDVAVLKI DAAFTETLRPVTAAEAARVTMADGKTYPARYDADKDVAVLKI DAAFTETLRPVTAADEI QVKVQGYDKPFLE
UniRef90_V9WAN3 UniRef90_K4LYL2 UniRef90_G2FXN0 UniRef90_R6YD98 UniRef90_Q01X74 UniRef90_K8GF12 UniRef90_K2BJM0 UniRef90_A5EL92 UniRef90_Q46Z14 UniRef90_UPl000466044F UniRef90_UPl00034AFADC UniRef90_A1TJH9 UniRef90_R6VR90 UniRef90_UPl0003B7558B	A S N L E V T L K N N K I Y T A K I D P A I D T A L I K I D G D D D F A F I P A S N I T V T L K N G K S Y T A K I G K D N Q V D V A L L K I E E T G L S P V T A E A A R V T M A D G K T Y P A R Y D A D K D V A V L K I D A P T E T L R P V T A D E I Q V K V Q G Y D K P F T A K L V G S D L A C L K I E G D K D F P F L E D C A L A R P V D P K E I P E I I I I I I I I I I I I I I I I
UniRef90_B5JNU7 UniRef90_F4GXH8 UniRef90_W8lC92 UniRef90_UPl00041E9AC3 UniRef90_X1K8C1 UniRef90_B5ILP7 UniRef90_S6BEY1 UniRef90_Q9PGL3 UniRef90_UPl000255B7D8 UniRef90_D9PUT7 UniRef90_G2JAH1 UniRef90_G2JAH1 UniRef90_Q2YAV7 UniRef90_A0A046SD18 UniRef90_S9NUP4 UniRef90_S9NUP4 UniRef90_B	A D E I K V N Q K Y D A K L I G T D P S T D I A V I K I E E D E L P Y I K S N G I F V T M T S G K E Y K A G T D P R T D V A L I K I D A K G L T P L P A D D I E V N G S K L K A K L V G K D T K T D L A V L K V E P K T P L K A V P A T H I Q V T L A D G A R F D A G D D P G S D L A V L R I Q S P E P L P H V E A D K I K V T L S D G R E F T G E V I G S D D M A I V K I Q A D H L P T V T A S E V S V T L P D G R S F T G K V D P L T D V A V V K V V A T N L P V A P A S E V Q V V L R D G R H F P A R I D P E T D L A V L R I N A P A E R L K P L I A D A V Q V T L A D G R S F K A E F D A D T D I A L I R I K A N K L T E I K A D A V Q V T L A D G R S F K A E F D A D T D I A V L K I E P E T E L Q V P E F A D T I Y V D K R E F K A K L I G A D K P T D V A L L K I N A S Q L P T V K A D E I E A D G R K T K A R V I G S D P E T D L A V V R V D M E G L P A I T G A Q I L A A E G A E N A G P V G I M V A G N D Y A V I K F D P A K V T P V A V A D K Y T V G R R L T G Q V R G V D P P S D L A V V R V D G R A F D A Q V L G R D P L T D V A V L Q L Q N A P R D L P H V A A D K V T V G R R L T G Q V R G V D P P S D L A V V K I S G Q N L P I D V A D L R I N A D G S T H E A R Y E P R K D L A V L H I E T K N L A L K P L A D G S T H E A R Y E P R K D L A V L H I E T K N L A L K P L A D G S T H E A R Y E P R K D L A V L K I D A N D L P P V T A T K V I V T L N D G K E Y T A K V I G S D D I A L L K I D A N D L P P V T A T K V I V T L N D G K E Y T A K V I G S D D I A L L K I D A N D L P P V T A T K V I V T L N D G R C Y T A K V I G S D D I A L L K L P D D M T Q L P V A A D E I E V D G R Q V S A K V V G D D P E T D L A V L K L P D D M T Q L P V A Q A D E I E V D G R Q V S A K V V G D D P E T D L A V L K L P D D M T Q L P V A Q A D E I E V D G R R A R A T V I G T D P D T D L A I L K V E L D K L P V I Y
UniRef90_V5PL71 UniRef90_UPl0003755B38 UniRef90_M5DSM0 UniRef90_U2QMA1 UniRef90_UPl000474CB77 UniRef90_W9AXJ9 UniRef90_F8I982 UniRef90_F2JLK5	A D E I E V A L A D G R K A R A K S D P E T D L A V L K I T L D N L P A I T A D Q I T V D R R E A E A K V V G V D E R T D L A V L K L I E P L G N L P V L E A E E I T V K L T D K R E F R A K L I G A D D L A L L K I D A T G L P K V T A Q T V K V T L Y N G D E Y D A Q Y V G G D D Y D I A V I K I E A S G L Q A V T A N G I F V T M T D G K E Y T A G T D P R T D I A L I K I D A K G A Q V G S E A V P Q A G V L G T M V A G N D Y A V I Q F D P A K V H P V D T V A S K I Q V Y V Q P F T A T V V G T D Y Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A S K I Q V Y V Q P F T A T V V G T D T Q T D L A V I K I N A P K P M P S L V A T D T Q T D T D T D T D T D T D T D T D
UniRef90_F5YGR0 UniRef90_A4WXB0 UniRef90_S0ET87 UniRef90_F5Y5R4 UniRef90_K4KWQ5 UniRef90_A4EXR0 UniRef90_D2BI77 UniRef90_A0A011NSB4 UniRef90_UPl000379EDEE UniRef90_M5T7D7 UniRef90_A9G8S0 UniRef90_UPl0003A73D94 UniRef90_A3VLW0 UniRef90_G0LCU9 UniRef90_GOLCU9 UniRef90_H0VXB4	A N E
UniRef90_L7LJL8 UniRef90_A0A024IA81 UniRef90_A0A024IA81 UniRef90_S4XXG8 UniRef90_ABFC98 UniRef90_UPI00029AC9F7 UniRef90_K1YPR2 UniRef90_F3ZYE1 UniRef90_W0E9B6 UniRef90_UPI00047E6C0A UniRef90_UPI00047E6C0A UniRef90_G0VP79 UniRef90_A6C1C4 UniRef90_UPI00042B68EC	A D E I F G N R G E L D A T V I G T D P N T D I A L L K V E T D E P L P F V P A T K L Q V T L N N N K T Y D A G T D P N S D I A L I K I D A G K N L P Y L A A D E I E V A L N D G R K F P A T R D P E T D L A V L K L K G P G A L P T I T A A N D S K A K L E V V F S D R Q R V P A R L V G R D V K T D L A V I K V D D V A D E V I V T L T D K R E F K A R I V G A D D D V A V V K I E A T G L V P V K V N T D D W S T R H V I G S V H W E W H K G G D M A I L R I K N G W D P E P W V H A N K L T V S L H D G K T T K G K A D P L T D L A V V E I S S S H V T K V A A L A K D V A V T L Y N G K T Y P A T A D P L N D L A V I Q I E A A D D E L Y P I A Q K A I V V T L K N G E R F H A K K D A D Y D I A I L Q I H A P H L T A L P A D S V T V G G E E V P A K I V G T D R D S D L A V L K V D K N N L P A A T A Q K I T V S L S D G R N L E A K L V G A D D L A V L K V D G S D T S N L T A V A L A D T I Q V T T K D N R R F T A R R D P A T D I A V L Q I P G N A S L T Q M A A K T V I V G Q S T E G T V V G R D D F R S D V A V I H I D A P D L Q A I P V A C S L S R N P S P G Q V V A R V N G A D R T K D L A V V K V E A S E D L L R P I K T N S L E V E F T D G T K A A A S I D S D N D V A V V A I K L S D L S E D T L R P I K
UniRef90_F3B5F8 UniRef90_Q89AP5 UniRef90_Q1CXV9 UniRef90_K9FAU8 UniRef90_B1Z7A8 UniRef90_UPI000465BAC2	SLSRNPSPGQVVARVNGADRTKDLAVLKVEASEDLLRPIK TNSLEVEFTDGTKAAASIDSDNDVAVVKVEASEDLLRPIK ANKIQVQLSNGEAVVIGKDARFDIAIIKLKKVKNLH EIK AEAIQVDGRDLEARVLGSDPLTDVAVLQLEDGGKPLPVVR ADKVTITLRDGRTFDGEVKGTDDLAVVKITGDN LPVAP MNEVKVALADKREFEAQFDPRTDLAVLKIKSPADIAP MP

	90 100 110 120
UniRef90_D3A476	II IGNPK DIL IKPGE WIVIA AII IGAPF GFDN SIVIT SGII VISAKGRS
UniRef90_D3ID11 UniRef90_UPI000262CFAE	LGNSDDLKVGEWVLAVGNPFNL NNTVTAGIVSAKARS DSDDVK RGQWVVAIGSPF GFDYSVTAGIVSATGRA
UniRef90_UPI000479AE5F	IGNSEALSPGEWALAIGNPLGLDNSVT VGIISATGRS
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UniRef90_Q095R8	LGDSDRLEVGDWVVAI GNPFGLDHSVSH GMISAKER
UniRef90_UPI000370E032 UniRef90_A1ZJ15	MGDSNKI RVGEWVI AI GSPFNLE NTVTAGI ISAKSR
UniRef90_UPI000369CA71	DSDDVK RGQWVVAII GSPF GFDYSVIAGIVSAIGRA IGNSEALSPGEWALAII GNPLGLELSRT VTQGIVSAVERS FGDSSTLRPGDQVWAII GNPLGLELSRT VTQGIVSAVERS NVTIDELADG PHFGEQVCKNGVATGYTCGIH NSNTKVPVTGWGHVFVGQYLCQSGVSSAETGGPVCNLKVI LGDSDRLEVGDWVVAII GNPFGLDHSVSH GMISAKER MGDSDRLEVGDWVVAII GNPFFNLE STVTAGIVSAKGRN VGSSRDLKVGEWVLAVGNPFNLE STVTAGIVSAKGRN VGSSRDLKVGEWVLAII GSPF GLESTVTAGVVSAKGRN VGSSRDLKVGEWVLAII GSPF GLESTVTAGVVSAKGRS FGDSNNVKIGEWVLAII GNPFNLE STVTAGII SAKARD
UniRef90_I3YXW1 UniRef90_R6QUD6	F G D S N N V K I G E W V L A V G N P F N L T S T V T A G I I S A K A R D F G D S D N L K V G E T A V A I G N P L G K L G G T V T S G I I S A L N R E
UniRef90_M1VCA0	
UniRef90_V9WAN3 UniRef90_K4LYL2	L GDSDQVEVGQRLVAVGNP RGYDHTVTTGVLSAKERT DIG KVNGVAQAEPGMAVKKSGRTTGVTEGKITAVHVT L GDSSKIEVGESVVAIGNPGGTEFARS VTTGVISATNRT L GDSDNVKLGQTTYAIGNPIGVEFQRT VTSGIISGVNRT L GDSDNVKLGQTTYAIGNPIGVEFQRT VTSGIISGVNRT L GDSEHL MVGQKVLAIGNPFQFEGTLTT
UniRef90_G2FXN0	LGDSSKIEVGESVVAIGNPGGTEFARS VTTGVISATNRT LGDSDNVKLGQTTYAIGNPIGVEFQRT VTSGIISGVNRT
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UniRef90_A1TJH9	CSSCGVVIIISTAAAIVIPGDRIVICHRGIIIITGWT <mark>C</mark> GIVVISSSTAS
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UniRef90_B5JNU7	II IS N.S.DIL I IEII IG DIV VIE AII IG N.P.II I GIVIG K.T.IVIT M.GII. VIS A.T.K.R.O.
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UniRef90_X1K8C1 UniRef90_B5ILP7	L G N S D E L R V G E L V I A I G N P Y G L Q Q T V T M G V V S A K G R S L G D S A K L R P G E WAL A I G N P L G L D N T V T A G I I S A L Q R T
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UniRef90_W8DP18	V G R S D A I
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UniRef90_S0ET87 UniRef90_F5Y5R4	IGDVSKLKVGEWVMAIIGSPF GLENTVTAGIIVSAKAR
UniRef90_K4KWQ5	ELIG KVTGVTEAAPGMTVKKSGRTTGLTLGKIRALNST
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UniRef90_UPI00029AC9F7	LGDSRGLRVGMRVFALGNPF GLERTLTTGI I SSLNRS FANSDTLKVGDFVTAI GSP YGLSQTVTSGVVSALDRS
UniRef90_K1YPR2 UniRef90_F3ZYE1	GDSSSLR AGETVIAI GNPF GLERTLTTGIISSLNRS FANSDTLKVGDFVTAIGSP YGLSQTVTSGVVSALDRS LGDSSKTQTGEIVVAIGNPFGKDLAGT VTMGVISATDRT GDSSSLEV GASVVAIGNPFGKDLAGT VTMGVISATDRT LGDSSKTQVGDWVLAIGNPFG GLMKTVTSGIVSALNRT LGDSRTLQVGDWVLAIGNPF GLMKTVTSGIVSATGRR FGDSDRLQVGDFVLAIGNPF GLGQTVTSGIVSALGRS FGDSDRLQVGEPAIAIGNPF GLGQTVTVGVISSLNRT
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UniRef90_I4C663 UniRef90_UPI00047E6C0A	LGDSRTLQVGDWVLAI GNPF GLMKTVTSGI VSATGRR FGDSDRLQVGDFVLAI GNPF GLGQTVTSGI VSALGRS
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UniRef90_A6C1C4 UniRef90_UPI00042B68EC	FGDSDRLQVGDFVLAIGNPF GLGQTVTSGIVSALGRS FGDSDSLQVGEPAIAIGNPLGLEFQGT VTVGVISSLNRT LGDSSKMEIGDWVLAIGNPF GLGMSVTNGIISAKSRG VGQSSTLRVGQQCLAIGNPF GFDHTLTVGVISGLNRD SKISIANIGDSDSVKVGQGVVALGNALGYTVGYVSALNRE
UniRef90_F3B5F8	SKIS DANIGOS DSVKVGOGVVAUGNALIGYTVGYVS ALNRE
UniRef90_Q89AP5 UniRef90_Q1CXV9	MIS NIS DII LIKIVIG DIYIVI IAII IG NP Y GILIG E I IVII S GII I IS AILI <mark>n</mark> K S
UniRef90_K9FAU8	LGDSDALRVGDWVLAIGNPF GLTSSTSLGILAAKERD EGDSSQLQVGDWAIAVGNPL GLDNTVTLGIISTLNRS IGDSDHLEVGDFVMAIGNPF GVGQTVTQGIVSALART
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	130 140 150 160
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UniRef90_V8G8N5	D T G D Y II IP F II IQ T DIVIAII IN P G N S G G P II I IDII IA G K IV V IGIVIN S Q
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UniRef90_W9AXJ9	IVIT WG P G K D P G T II I IN QIVI <mark>C</mark> G Q P G D S G A P IVITIVIN N R II VIG MII I H G
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UniRef90_L7LJL8 UniRef90_A0A024IA81	VPLDTDAVINAIQTDAAINPGNSGGPLLNDDGQVIGVNTA DTGDYLPFIQTDVAINPGNSGGPLINMRGEVVGINS
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UniRef90_K1YPR2	HPQII EG YQSFII QTDAP I NPGNSGGA LV DMKGNW I G I NTA
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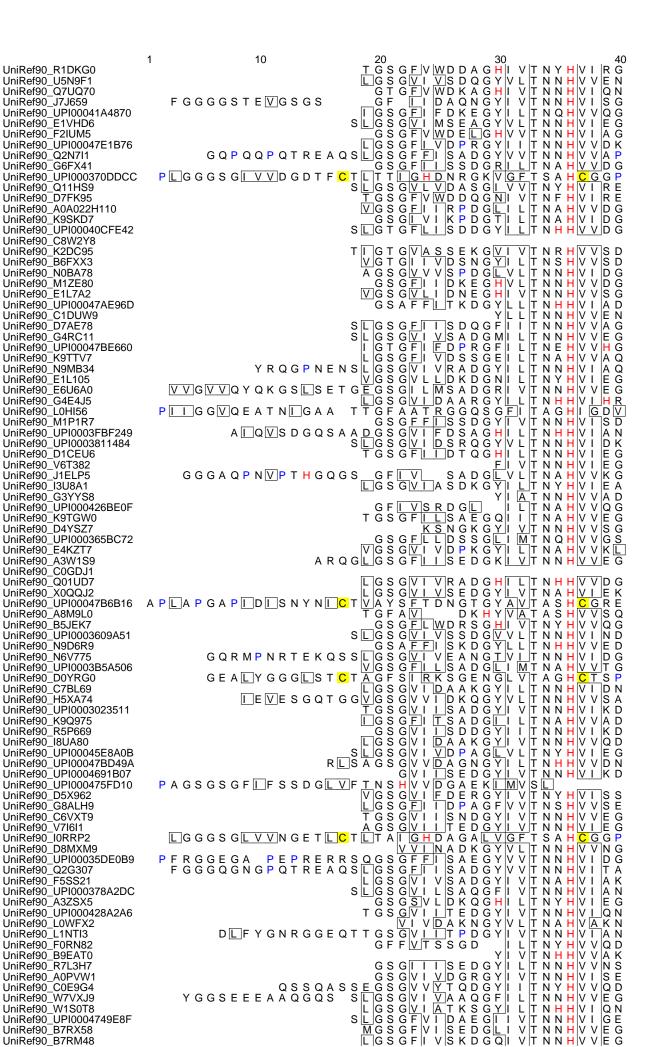
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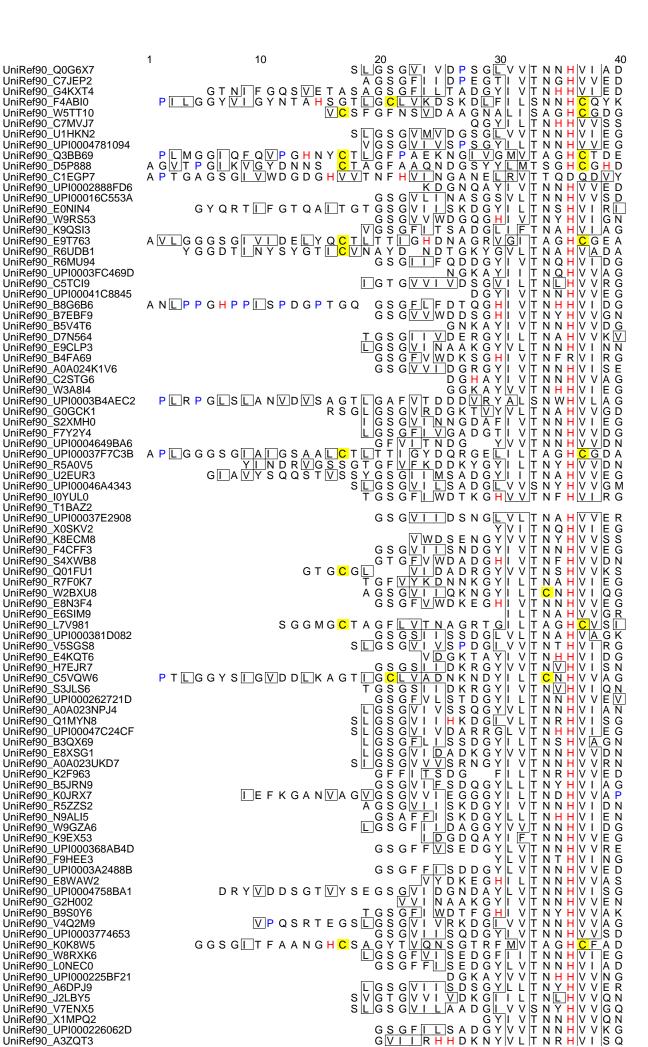
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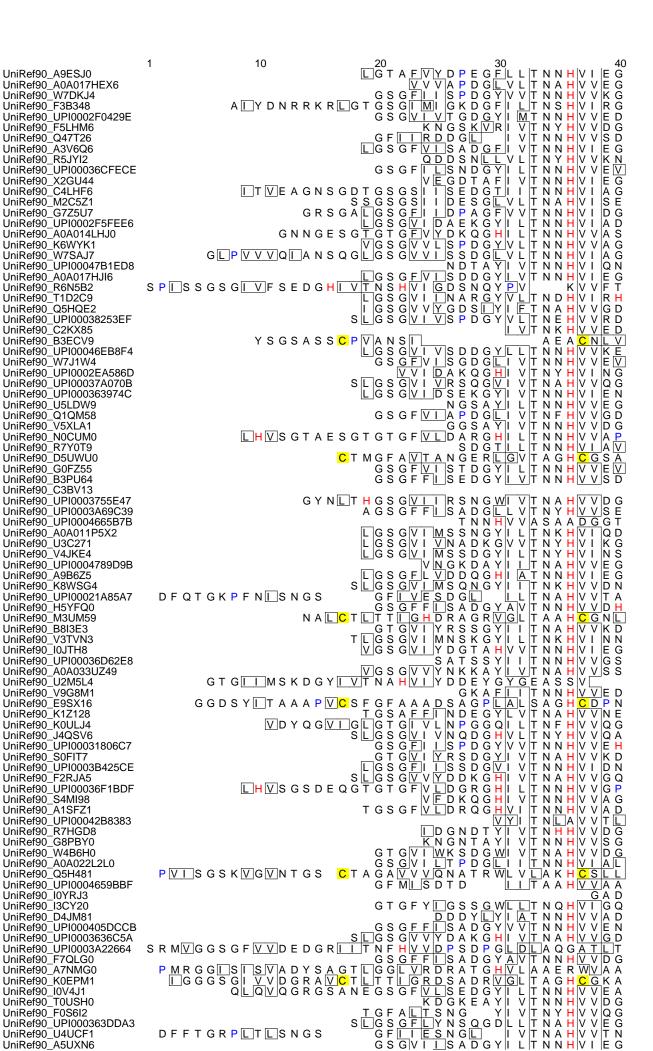
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June June		
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Jansengo (19000367666) Jansengo (19000367666) Jansengo (190036666) Jansengo (1900036666) Jansengo (19000376666) Jansengo		YNGSESLVRGQKVVAIIGSPLGLFNSVSGIISGFRNIDNV
Jansengo (19000367666) Jansengo (19000367666) Jansengo (190036666) Jansengo (1900036666) Jansengo (19000376666) Jansengo	UniRef90_F5LHM6	F G D S A S L K A G E T V I A L G N P L G L G F S P T V T K G I V S S P K R S
Jansengo (19000367666) Jansengo (19000367666) Jansengo (190036666) Jansengo (1900036666) Jansengo (19000376666) Jansengo	UniRef90_Q47T26	LGDSDQVEVGAEVVALGAPLGLSG TVTSGVVSAVERP
JURISHOW VYSAY 1 EDB	UniRef90_A3V6Q6	DSNAEGARVIGDWVMAMGNPL GQGFSVISVIGUVISARNRA
JURISHOW VYSAY 1 EDB	UniRef90_N33112 UniRef90_UPI00036CFECE	LIGRSDDLRVGQQVVAII GSPFELTG TVTSGI VSSLHRP
JURISHOW VYSAY 1 EDB	UniRef90_X2GU44	GNSDVLKQGETVIALGNPLGLEFYGS VTTGVVSGKDRS
JURISHOW VYSAY 1 EDB	UniRef90_C4LHF6 UniRef90_M2C571	SGILIT FILISILIGUS SKILIEIVIG Q EIV VIAIVIG S PILIGIVIS GII I IS A Q N R PILIGID ST NII KIVIG O RIVI AII IG N P FILIGID GII VIS A II IK R P
JURISHOW VYSAY 1 EDB	UniRef90_G7Z5U7	WADSDKTRVGDWVMAVGNPFGLGGTVTK GIVSARGRD
Junkengo, UPidou-479 LEDB Fig. F	UniRef90_UPI0002F5FEE6	FADSDKILIRIVIG DETILIAII GNPF GLIG QTIVITS GILVIS ALLIGRIT
Junkengo, UPidou-479 LEDB Fig. F	UniRef90_K6WYK1	GDSSALQV GEQVVAVGSP ENLISNTVTSGI I SALISRT
June June	UniRef90_W7SAJ7	GDSSQVKVGDQVVA I GSP EGLQGTVTSGVVSALNRN
Junkergo Mario M	UniRef90_UP100047B1ED8	DSNGSDAEVGDWYLAMGNPLGCDCSNS AGIVSARGRE
Junkergo Mario M	UniRef90_R6N5B2	D S D Q L K V G D T V L S L G N P V A G E N F T N T L T K G M V S A V N R T
Junkergo Mario M	UniRef90_T1D2C9	F G N S A R L D I G D F V V A I G N P F G L G H T A T F G I V S G L G R T
Junkergo Mario M	UniRef90_UPI00038253EF	FGDSTALRVGDIVLAVGNPFGVGQTVTQGIVSATGRD
Jiminergio Wijiminergio Wijimi	Ullineia0_CZNX03	
Jiminergio Wijiminergio Wijimi	UniRef90_B3ECV9 UniRef90_UPI00046EB8F4	FANSDTIRTGDVALAIGNPFNIGQSVT MGIVSAVGR
JAMESSO D-HOUGES-BORD L A D S D K L K V G D F-AV A G N P F G G G T V V A S G V S A L G R S T JAMESSO USBORD A L G R S T JAMESS	UniRef90_W7J1W4	ILIG R S D DILIRIVIG Q PIV VIAII IG S P F EILIA G IVII S GII VIS SILIQ R P
Jimelego Uscluwg	UniRef90_UPI0002EA586D UniRef90_UPI00037A070B	I S G D R N L E V G D I V L A I G N P F G V G Q T V T S G I I S A K G R T
Jinkerglo, VSXLA1 Jinkerglo, VSXLA1 Jinkerglo, VSXLA1 Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, SDJWAS JINKERGLO, SDJWAS JINKERGLO, S	UniRef90_UPI000363974C	LADSDKLRVGDFAVAIGSPF GLGQTVTSGIVSALGRT
Jinkerglo, VSXLA1 Jinkerglo, VSXLA1 Jinkerglo, SOLVINO Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, RYYOTS Jinkerglo, SOLVINO	UniRef90_U5LDW9 UniRef90_Q1QM58	FGDSSKILIRPGDQIVTAILIGNPILIGILIDILISRT IVILOGILVISAIVIDRS
Jinkel90, DCCUM0 Jinkel90, DSCUVUD Jinkel90, DSCYS94 Minkel90, CSCYS94 Jinkel90, CSCYS94 Jinkel90, CSCYS94 Jinkel90, UPI0003745564 Jinkel90, UPI0003745623 Jinkel90, UPI0003745623 Jinkel90, UPI0003745623 Jinkel90, UPI0003465878 Jinkel90	UniRef90_V5XLA1	
Jinker90	UniRef90_N0CUM0 UniRef90_R7Y0T9	GNSDNVJRV GDPVVAI GAPFDLS NTVTSGI ISAKQRP
Jinker90	UniRef90_D5UWU0	ASSPQIAPRST GVARPGDPVCQLGSVN GHRCGTVT KV
Jinker90	UniRef90_G0FZ55	LIGRSDDLRVGQSVVAII GSPFELIAG TVTSGIVSSLHRP
Jinker90	UniRef90_C3BV13	NI G KVKGKVSPTI GASVRKQGRTTGLTHGTI TGLGRT
Jinker90	UniRef90_UPI0003755E47	SSDKTALV GEQVIALGTPVSLSLRNSA TVGI I SGLNR
Jinker90		LIGNSDQVAVIGDSTII AII GAPF GLISNTVITTGII I SAKNRP
Jinkef90	UniRef90_A0A011P5X2	QNTERKVEVGDVVLAIGNPLNLGQSITQ GIVSAIGRN
Jinkef90		MNDNI I PRI GDVVI AI GNPI NI G QTIVI SGI VSALGRS
Jinkef90	UniRef90_UPI0004789D9B	CGDSSII I IDKGFTIVI IAII IGSPII IGII IFYAGT IVITQGII VISGTDRT
Jinkef90 JP100021485A7		GNSREVQV GQDTI AI GNPF GLQNTMTLGI VSAVEGR
	UniRef90_UPI00021A85A7	LGSSTNLRPGEFVVAIGSPLALSNTLTSGVISSVSRHSQE
	UniRef90_H5YFQ0	FSDQKPRII GDWVVJA VJGNPFGLIGG TVJTAGII VSASGRDGRARIJ GVGTVPRPV ATVJCKSGRTTGVTCGDTUSVSB
	UniRef90_B8I3E3	GDISQVAVGDEVVA IGTPLS FGLRNSATRGIISGMNRS
	UniRef90_V3TVN3	I N T K R V A H V G D V V M A I G N P Y N L G Q T I T Q G L I S A T G R V
JAINER190_E95X16 JAINER190_E95X16 EN G S T L T T T G T A V P V A G A P V C K S G Q T S G Y T G G T I D F A D Y S JAINER190_KOULJ4 JAINER190_HOULJ4 JAINER190_HOULJ4 JAINER190_UP100031806C7 JAINER190_UP100031806C7 JAINER190_UP100031806C7 JAINER190_UP100038425CE JAINER190_UP100038425CE JAINER190_UP100038425CE JAINER190_UP10003861BDF JAINER190_UP10003861BDF JAINER190_UP10003861BDF JAINER190_UP100042B8383 JAINER190_UP10004659BBF JAINER190_UP10004659BBF JAINER190_UP10004659BBF JAINER190_UP10004650CEB SERVIN DAY A L G S P L G S E Y V S A L D R P L G S S A T L D E G Q A V S A P G R D JAINER190 UP10004650CEB SERVIN DAY A L G S P L G S S P L G S S C T V T T G I V S A L D R P L G S S C S A T L D E G Q A V S A P F G V S H S S S G V I S G L N R S L T V S A L D R P L G S S A T L D E G Q A V S A P F G V S H S S S G V I S G L N R S L T V S A L D R P L G S S A T L D E G Q A V S A P F G V S H S S S G V I S G L S A K K R T L G S P L G S S A T L T G I V S A L D R P L G S P L G S S C T V T A G I V S A L D R P L G S P L G S S C T V T A G I V S A L D R P L G S P L G S S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A C S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S P L G S C T V T A G I V S A L D R P L G S C	UniRef90_10J1H8 UniRef90_UPI00036D62E8	
JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_E95X16 JAIRÉP90_H00031806C7 JAIRÉP90_JACSV6 A G S P V J G D A Y AL A P G Q P V J A L G N A M G T N V G T L T G F G R T J J T J J T G F G R T J J T J T G F G R T J T G F G R T J J T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T T J T G F G R T J T T G F G R T J T T G F G R T J T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G R T T T T G F G	UniRef90_A0A033UZ49	FEDSDNLTLIGETAL VIGSPLIGAEFONS LIST GIVVIS GLIDRK
JniRef90_E9SX16		
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JNIRef90_UP10003B425CE JNIRef90_F2RJA5 JNIRef90_S4MI98 JNIRef90_A1SFZ1 JNIRef90_VP10003B425CE JNIRef90_A1SFZ1 JNIRef90_VP100042B3838 JNIRef90_UP100042B3838 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIREf90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP10003636C5A JNIREf90_UP100036		A GL P A A V L G D A Y A L A P G O P V L A L G N A M G T N V G T I T G F G R T
JNIRef90_UP10003B425CE JNIRef90_F2RJA5 JNIRef90_S4MI98 JNIRef90_A1SFZ1 JNIRef90_VP10003B425CE JNIRef90_A1SFZ1 JNIRef90_VP100042B3838 JNIRef90_UP100042B3838 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIREf90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIRef90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP100042B383 JNIREf90_UP10003636C5A JNIREf90_UP100036	UniRef90_J4QSV6	APDRGLRV GDVVLAIGNPF GVGQTTTQGIVSALGRN
JniRef90_VPI00036F1BDF		E WASAQPRIVIGO WIVI JAIVIGN PEGILIGGSIVIT AGII VISARGRD GDMSSIVAVI GOEVVALIGT PILISENI IRNISA TKGII LISGMURS
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JniRef90_F7QLG0	UniRef90_F2RJA5	F G D S G A [V] D M G Q [I V L A M G S P L G L S G S V T Q G I V S A T G R T R G I T P M P I G N S D N V R [V] G D P V V A I G A P N T [V] T S G I I I S A V E P P
JniRef90_F7QLG0	UniRef90_S4MI98	LGDSDKVAVGDATI AI GAPFGLSDTVTT GII SAKNRP
JniRef90_F7QLG0	UniRef90_A1SFZ1	K GIL IT P A AL G A S Q E L R V G E G V V A IL G S S S T V T A G I V S A L H R P
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JniRef90_F7QLG0	UniRef90_G8PBY0	GDSDDLKV GETALALIGSPLG SEYATSLTQGLISAKKRT
JniRef90_F7QLG0	UniRef90_40A022L2L0	LGSSATLDEGQAVAAVGSPLGLSGTVTT GIVSALDRP
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JniRef90_F7QLG0	UniRef90_UPI0003636C5A	FGDSEKVAVGQUVLAMGSPLGLSSSVTQ GIVSALGRT
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JniRef90_I0V4J1	UniRef90_A7NMG0	NIGS VIT GVALPRUGMRITKS GRIT T GVIT E GILLIT GVE GQ
JniRef90_T0USH0 A D S N S L T V G E K A I A I G S P L G T E Y A N S V T E G I V S S L S R T JniRef90_F0S6I2 JniRef90_UP1000363DDA3 JniRef90_U4UCF1 JniRef90_A5UXN6 L T I A R S H K A E V G D E I L A L G S P L G V T T G I V S G V D R D L T I A R S H K A E V G D E I L A L G S P L G V T T G I V S G V D R D L T I A R S H K A E V G D E I L A L G S P L G V T T G I V S G V D R D JniRef90_A5UXN6 L G D S D A L Q P G E T V I A I G S P L G D F R N T V T V G V V S A L N R S	UniRef90_K0EPM1	GGTTLTELLG APAQFPALVCKRGSTSCGVTWGDLR
JniRef90_F0S6I2 LGNLPYTFKKS LADLGEDVYTIGYPRDE VVLGKGYS JniRef90_UPI000363DDA3 LTIARSHKAEVGDEILALGSPLGVTTGIVSGVDRD JniRef90_U4UCF1 TMKLGNSADLKPGEFVVJAIGR VVSSVQRGADEL JniRef90_A5UXN6 LGDSDALQPGETVIAIGSPLG DFRNTVTVGVVSALNRS	UniRef90_I0V4J1 UniRef90_T0USH0	ADSNSLTV GEKALAI GSPL GT EYANS VITEGI VISSLISRT
JNIRE19U_UPIUUU363DDA3	UniRef90_F0S6I2	LGNLPYTEKKS LADLGEDVYTIGYPRDE VVLGKGYS
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	UniRef90_A5UXN6	LGDSDALQPGETVIAIGSPLG DFRNTVTVGVVSALNRS

	130 140 150 160
UniRef90_A9ESJ0	RDDVKGGYFNFLQTDASINPGNSGGPLLNLKGEVVGINAA
UniRef90_A0A017HEX6 UniRef90_W7DKJ4	L R A R N G R L E D V L Q T D A A L N P G N S G G P L V N G A G E V V G I N T A L G D G P Y D S F I Q L D A P L N R G N S G G P L F S Q D G K V I G V N T A
UniRef90_F3B348	D MII
UniRef90_UPI0002F0429E	
UniRef90_F5LHM6 UniRef90_Q47T26	IVIN T G T S TIV I ID A II IQ T D A PII IN P G N S G G PIL VIN M N G E IV I IGII IN T A
UniRef90_A3V6Q6	L
UniRef90_R5JYI2	I SLSDGSTVKVI QTDAAI NPGNSGGALVNMKGELI GMNTA VQAGGDTVMDAI QTDAAI NPGNSGGPLANMDGQVI GINSA
UniRef90_UPI00036CFECE UniRef90_X2GU44	VPVD A D WQQEVLQT D A AII NP G N S G G A L VN LA G E L I GI N S M
UniRef90_C4LHF6	V Q A S Q S T IL I ID A II IQ T D A A II IN P G N S G G A IL V ID M D G N IL I IGII IP S IV
UniRef90_M2C5Z1 UniRef90_G7Z5U7	INDKNIII KNMIQTDTAI NPGNSGGPLLDTQGRMIGINTM LHSGPYDDYFQLDAAI NRGNSGGPTFDLAGRVIGINTA
UniRef90_UPI0002F5FEE6	GIL IQIL IE NIL IE N F II IQ T D A AII IN S G N S G G A IL VIDIL IR G E IL I IGII IN T G
UniRef90_A0A014LHJ0 UniRef90_K6WYK1	VÁSSDGSYMSALQTDASI NÞĠNSĠĠPLLNĀDĠGVIĠINSÁ VTAADETVYNGLQTDTPI NPGNSGGPLVNLQGQVVGVNSA
UniRef90_W7SAJ7	T <u>A G</u> E Q D Q <u>T G M</u> Q T D A P N P G N S G G A L <u>F</u> N A Q G Q V G N T A
UniRef90_UPI00047B1ED8	
UniRef90_A0A017HJI6 UniRef90_R6N5B2	L
UniRef90_T1D2C9	GVEQDHVGTFLQTDAAINPGNSGGALVNLRGQLIGINTA
UniRef90_Q5HQE2 UniRef90_UPI00038253EF	VNDNYDALMKAFQLDAPVNPGNSGGAVVDRDGRLIGIVS HLGLATFENFIQTDAAINPGNSGGALINAAGELVGINTA
UniRef90_C2KX85	TOTENGS ET GEL OT DA ALIN P G N S G GALLIN M O G EL LIGIL NIVIA
UniRef90_B3ECV9 UniRef90_UPI00046EB8F4	VNVNYGQFSDQLLAGAMSQGGDSGSAVLDGGGRLVGLLFA ASLGLSAYESFIQTDASINPGNSGGALINSNGKLIGINTA
UniRef90_W7J1W4	T N G S Q A T V M D A I Q T D A A I N P G N S G G P L V N M A G Q I I G I N S A
UniRef90_UPI0002EA586D UniRef90_UPI00037A070B	GII INII IF N F F N F II IQ T D A AII IN S G N S G G AII VINII IN G F II I IGII IN T A
UniRef90_UPI000363974C	N L N I E H Y E D F I Q T D A A I N S G N S G G A L V N L R G E L I G I N T A
UniRef90_U5LDW9	II ISIVID G S W D M NIV L IQ T D A AIL IN P G N S G G AIL L IN T A G F IV L IGIL IN S IL L
UniRef90_Q1QM58 UniRef90_V5XLA1	VTSTNESNENAL OTDAAL NPGNSGGPL VNDEGOV LIGILINS
UniRef90_N0CUM0	I IT A G DILIS Y IVID A IL IQ T D A PII IN P G N S G G P IL V ID T Q A H IV I IGII IN S A
UniRef90_R7Y0T9 UniRef90_D5UWU0	VN A G N S T T Y P A I Q T D A A I N P G N S G G P L V D M T G A V V G I N S S M N D W V V T D I V T K Q G D S G G P L I T T D N A A L G I I T D
UniRef90_G0FZ55	
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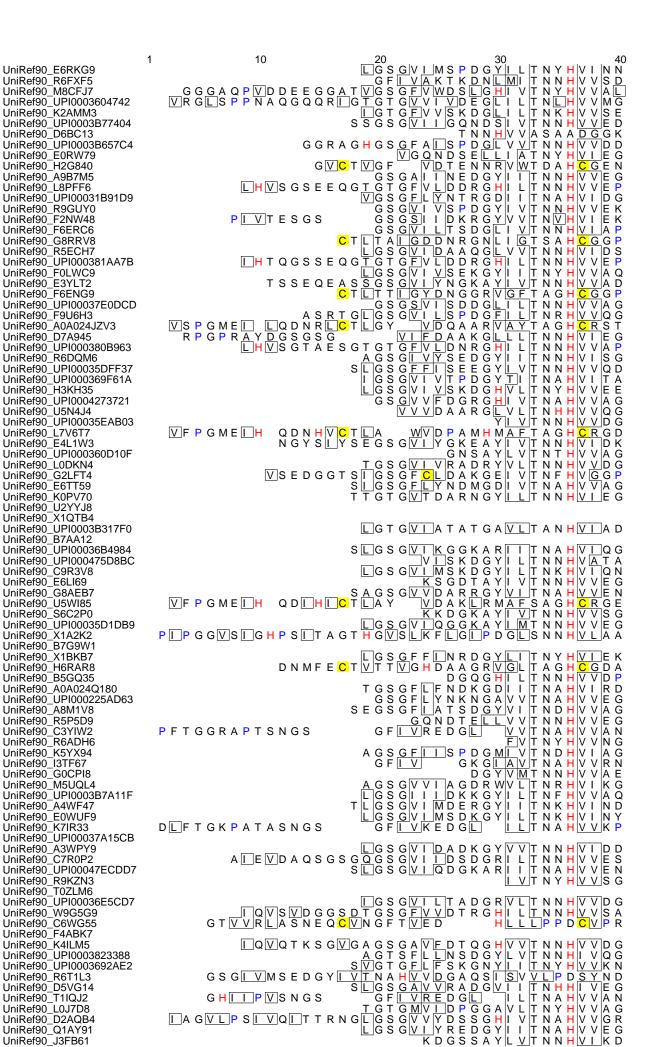
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UniRef90_UPI0003B77404 UniRef90_D6BC13	NAILEFATLGDSSNLKVGEPVIALGNSLGYTTGVVSALDRK GNSDKVAVGDSTLA LGAPF GLSNTVTTGLLSAKNRP
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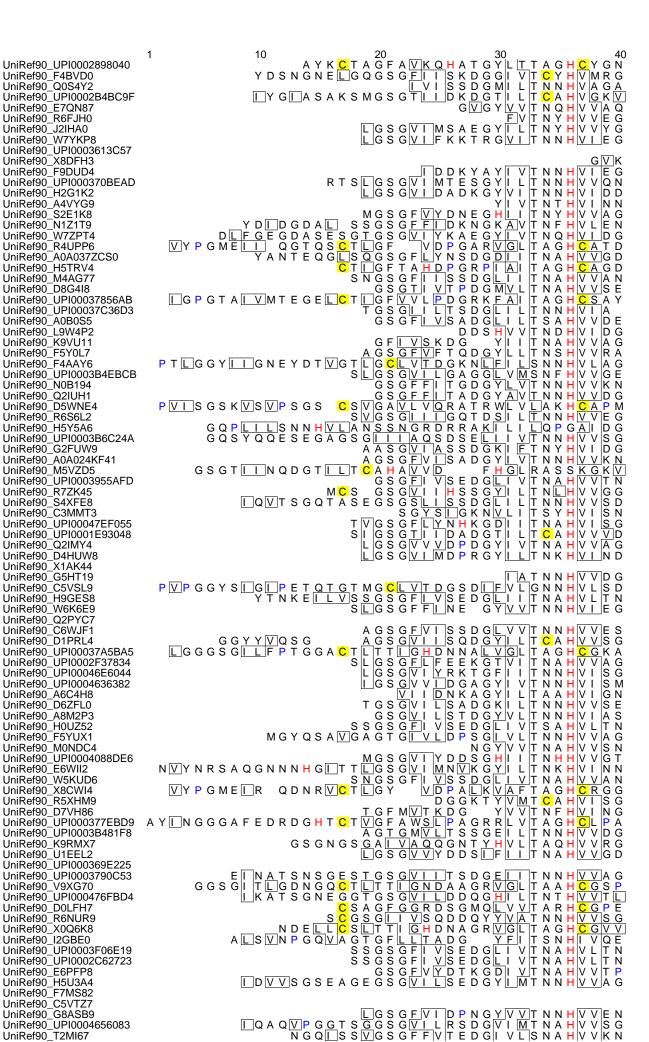
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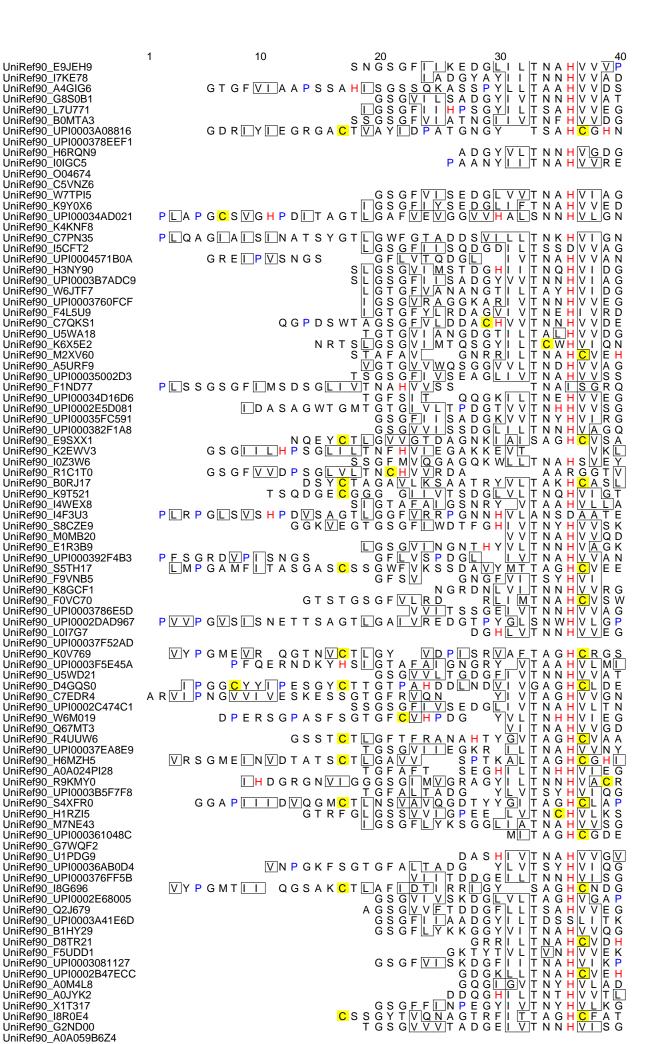
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UniRef90_		QLKVQQNGDTYEATIRDIDKKADIATIKIH PKKKLPVLL
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UniRef90_	UPI00035FC591	A T D I S A V S G A D G S I Y D A E V L G Y D G D S Y E I K M S D Y K A L V I G T D E E T D L A V L Q I Q S S D P F K F V K F G S V V F S D G R S V R A R L V K A D P S T D L A V I K A E G V T D A V P I T F A A G G A A D F P D G S T V Y G P S G T G D P I G T V A Y R D P R I D Y V V I E Q D G S T Y K V T G I G T V N Q D G S T Y K V T G I G T V N P L Y D F A I I K I N P S K N L P I V S
UniRef90_		A A G G A A D F P D G S T V Y G P S G T G D P L G T V A Y R D P R L D Y V V I E
UniRef90_ UniRef90		QDGSTYKVTGIGTVN PLYDFAIIKI NPSKNLPIVS
UniRef90_	R1C1T0	TVTLSDGVTRLRGVVEHSDALSDIAVVRVNHHAALPAAE
UniRef90_ UniRef90_		KSTVSVKLKDGRKLTGKVFESDDLALLKLQGANDLPKVTW
UniRef90_ UniRef90		HSQVKVDDQKFLAEVLAIGTECDTALLTVADEAFWEGVVPTVTLSDGVTRLRGVVEHSDAISDIAVVRV NHHAALPAAEGATVRVGEDNVGRVTWTS PDRDLELITVNPESVLHLPYSKSTVSVKLKDGRKLTGKVFESDDLALLKLQGANDLPKVTWGVDSLWGPPQLRDAAGRVYPIGKIEKFSLGKDFVVFTLAQGDPVLQPGVADGGTPEDRV
UniRef90_	S8CZE9	
UniRef90_ UniRef90		T D E V E L Q F T D E Q WR T A S T D E H S D L A V L E L D D L A W S F D A K A D E I K V V L N D G R E Y P A K L V G A D E R M D L A M V S F D A K
UniRef90_ UniRef90	UPI000392F4B3	RRCIVIRIVIKII IA () Y D AIV VIQ DIVID QIVIA DII IA LII IKII IK PKHPII IP LII IP
UniRef90_	F9VNB5	GEELAYRDTDGATTGFDLEGDLDYGLIELYSDARWEPTIP QNSRNIAVVSKDGFSSE ADVIAVNPFNDLALLY SSQVTADGRRLPGQVIGTDSRNDLALIQL NTSEQLPTVQ
UniRef90_ UniRef90_		S S Q V T A D G R R L P G Q V I G T D S R N D L A L I Q L N T S E Q L P T V Q N N Q V R K H G S P N K F V A R I V A V G H D L A L I T V D D E A F W Q G D L A A R K V S V T F S D G S R T V V G T D P G K D L A L I K V A G A K G L T H A V
	UPI0003786E5D UPI0002DAD967	A R K V S V T F S D G S R T V V G T D P G K D L A L I K V A G A K G L T H A V G S Q I G A R T V Q P G T F D D N R G P A G D C A L T S L T D R R F D P T L L E
UniRef90_	L017G7	A S T I I Q I L I Q Y T N G D W T E A E I V V I G T D I V I Y S D I L I A A I L I D I V V I H R P E A A
UniRef90_ UniRef90_	UPI00037F52AD K0V769	V F Q N G Q T A Q V Q V V G T D S S A D L A V V R A V G V S G L T P V E I G P V G D R D G N F I G H L G S Y Q D N T P D G A T V D T N A G D V A V N N I L
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UniRef90_ UniRef90_	UPI0002C474C1	WQRIQVELQN GVQYEATVKDLDLALIKIEPNTDLPVLLL
UniRef90_ UniRef90	W6M019 O67MT3	A S E I L G R S P R H R C R L E P I F A D P T N D L V L L R T D T P P P G I A L S P S P A L T E A D G V T R P G R V V A A D D I A L V E T V S P V N A R L E P A
UniRef90_	R4UUW6	GPASGYRGRVVSYDYDPSRIGNDFALIDFGNTPVASTLL
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UniRef90_ UniRef90_	H1RZI5	GKSISIRREKITYG <u>ASL</u> V <mark>H</mark> ADVERDL <mark>CI</mark> LRARGLTAPAV
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UniRef90_ UniRef90	UPI000376FF5B I8G696	A S S
UniRef90_	UPI0002E68005	GQTISHDGRIVKGKTLGVNRAIDSGMAQLTDPG PWPYVE
	UPI0003A41E6D	HRAISGASVGLAQFADGTDPLSDLAVLR ARGTTPPAAV ATRISVITLRDGRKFVVGDDPASGIALLKI PATRLPTVK AVEVMVRNSVGGTVVG ISNRYDIALIHVPNYQDKPPLG YTQVKVKRSDVKHVASVLSVGTDIALLTVEDDSFWEGVEP ADVKYTVRTSKGTRLQTADTDPDLAVVKFESPEEYPVA PPRSTYKPAEFPQVVTVVFPGLDLAVLKIHGQKNL DTQVKVKKRGDDTKYVAKVLARDIALLSVENEEFWKGAEP
UniRef90_ UniRef90		A V E V M V K N S V G G I V V G I S N R Y D I A L I H V P N Y Q D K P P L G Y T Q V K R S D V K H V A S V L S V G T D I A L L T V E D D S F W F G V F P C T T T V E D D S F W F G V F P T T T T T T T T T
UniRef90_	F5UDD1	A DVKYTVRTSKGTRLQTADTDPDLAVVKFESPEEYPVA
UniRef90_	UPI0003081127 UPI0002B47ECC	DTQVKVKKRGDDTKYVAKVLARDLALLSVENEEFWKGAEP
UniRef90_ UniRef90_		D G K T A NA T TEVENT NE S K T D P T S D T A V T K V D NA S G T T P A T T
UniRef90_	X1T317	A D S T V D N K V Y V V K G V T A E D R G A D L V M V T T D A P K D S T E Y T K G A A V R S N A N A Y G T V S N R H L P T V N G A D V E L I G G Q S Y S G R I F A S Q I K V T L S T G K T D V V G T D A D K D L A L I K L Q G A S G L K T A T L V V G Q V V D A Y V D L D I A I V K T E K P T S P L S T A K
UniRef90_ UniRef90_	G2ND00	A S Q L K V T L S T G K T D V V G T D A D K D L A L I K L Q G A S G L K T A T L
	A0A059B6Z4	V V G Q V V D A Y V D L D I I A I V K T E K P T S P L S T A K

June 60		90 100 110 120
JANSSON AGGIST JANSSON AGGIST	UniRef90_E9JEH9	IL IG T S A DILIK P G E WIV VIA II IG S PIL IDIL IS N T VIT A GIV VIS S T Q R A G S E
Jinkergo Jinkergo	UniRef90_17KE78 UniRef90_A4GIG6	LMLDTPAV GSHACAVGNSFGLGISLS CGVVSATGRK
Jinkergo Jinkergo	UniRef90_G8S0B1	GDSSQMQV GDTVLALGSPLGLEGSVT AGIISAKDRT
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Jinkergo Jinkergo	UniRef90_UPI0003A08816	S G D R V V D I N T V K R G D R V C Y H G K T S H G Y S M N R T C G T
Jinkergo Jinkergo	UniRef90_H6RQN9	A D S D E V Q V G D I A V A I G A P L G L S N T V T G I I S A T G R A V A T G
Jinkergo Jinkergo	UniRef90_I0IGC5	EASTQTTEQGEIVFAFGSPFGAAFSFS MSQGIVSAVGRR
Jinkergo Jinkergo	UniRef90_C5VNZ6	I I NN KFKDLGIPEI GQEVFKVGRTTGYVTGRITSI DAT
Jinkergo Jinkergo	UniRef90_W7TPI5	LGQSSNLRPGEWVVALGSPQGLANTVTVGLVSTVARS
Jinkergo Jinkergo	UniRef90_UPI00034AD021	PGG PITVADPEPGGATVEKVGRTTGHTRGRITALRIS
Jinkergo Jinkergo	UniRef90_K4KNF8	NPDSDLPL GHKVFTIGNPA GLKYTVTAGIVSG
JAMERSON DEPONDENTADES F. G. D. S. E. T. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. T. S. G. V. S. A. L. REVIGO TO W. A. J. G. N. P. F. G. D. S. E. S. G. J. S. R. A. L. REVIGO TO W. A. J. G. N. P. J. G. D. J. G. J. S. G. J. S. R. A. L. REVIGO TO W. A. J. G. N. P. J. G. D. J. G. J. S. G. J. S. R. A. J. REVIGO C. TOW. A. J. G. N. P. J. G. D. J. T. T. J. G. J. S. S. G. B. T. J. J. J. REVIGO C. TOW. A. J. G. N. P. J. G. D. J. J. T. J. J. S. G. J. J. R. REVIGO C. G. J. J. J. J. J. J. J. J. J. J. J. J. J.	UniRef90_I5CFT2	I GTPSNEKAGQWVASIGSP YGLENTVTAGLISNMSR
JAMERGO D-FULLOS DE ALI RESTOR DE LA LA LA LA LA LA LA LA LA LA LA LA LA		TADSDAL NVGDL VMALGNP YGEGHSVTLGL LSGLER
JAMERGO D-FULLOS DE ALI RESTOR DE LA LA LA LA LA LA LA LA LA LA LA LA LA	UniRef90_UPI0003B7ADC9	F G D S T K T R V G D W V I A R S I G G T V T A G I V S A I H R S
Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Jinkergo January Januar	UniRef90_UPI0003760FCF	F G D S D A II R I G F I A II IA II IG N P II IG II IG Y A P I IVII R G II I IS Y P K R I
Jinkel90 USXXX19 Jinkel90 M2XX80 Jinkel90 M2XX80 Jinkel90 M2XX80 Jinkel90 Jinkel90 M2XX80 Jinkel90 Jin	UniRef90_F4L5U9	L GVD S PVR Q G D V V V A V G H P F G F K Y S A S Q G I V S N T R H E
Jinkergo (R6X5E2) Jinkergo (R6	UniRef90_U5WA18	GGGLAV GDDVVAMGNPL GLTATTSGVVSGLDRA
Jinker90 ASURP9 Jinker90 ASURP9 Jinker90 F100035002D3 Jinker90 F100077 Jinker90 F100034D16D6 Jinker90	UniRef90_K6X5E2 UniRef90_M2XV60	
Jinkel90 C23W6	UniRef90_A5URF9	VGDSSRLRVGELVFALGHPWGVTAGLVSGLGE
Jinkel90 C23W6	UniRef90_UPI00035002D3 UniRef90_F1ND77	L G N S A D L K P G E F V V A I G S P F A L Q N T V T T G I V S S A Q R D G R E L G H S A D D C K E C T T G I V S T A Q R D G K E C T T G T T T G T T T
Jinkel90 C23W6	UniRef90_UPI00034D16D6	LDDQYQVSQDEGIRFIGNPLFFNGANEGNLAGTVLL
Jinkel90 C23W6	UniRef90_UPI00035FC591	YRGKPLRV GDWVLAIGNPF GIGQSSVGI ISALGRD
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Jinker90 BOR117	UniRef90_K2EWV3	MGNSEALEPGDE FAISTP KGLEFSISDGIVSQVKSD
JAINER99		LELGPLPRLQDAVAVVGYPIIG GDTIISVTSGVVSRIIEVT
JAINER99	UniRef90_B0RJ17	N F E R A I PVA G M G E P S A T Q Q I C T S G Y R T G P N C T F R L V T N A E
JAIRE190 MOMB20 JAIRE1	UniRef90_K91521 UniRef90_I4WEX8	PPAGDAALQI DANPAL NQV VYAVGNAT GV V I R D GL Y T S D T
JiniRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0	UniRef90_I4F3U3	GGALLPAVAAPDDVDPDELVEKLGRTTGHTRGRITAVEVD
JiniRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0	UniRef90_M0MB20	DGL SL S DE E PRI GQEV VALGNPLGI T QGI VS GVD RS
JiniRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0		LIGRSSEVRQGEFVVAMGSPFALL QNTI TSGI VISSAQRG
JiniRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIRef90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0VC70 JINIREf90 F0	UniRef90_S5TH17	VEVAGQVEGUASAEWVEDTICRLGYRSGLSCG
JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10002C474C1 JAIRE990_UP10002C474C1 JAIRE990_UP10002C474C1 JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F645B JAIRE990_UP10003F6F5B JAIRE90_UP10003F6F5B JAIRE90_	UniRef90_K8GCF1	
JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP100037F52AD JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10002C474C1 JAIRE990_UP10002C474C1 JAIRE990_UP10002C474C1 JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F5E45A JAIRE990_UP10003F645B JAIRE990_UP10003F6F5B JAIRE90_UP10003F6F5B JAIRE90_		L E F G D V P A L Q D A V V V L G Y P
JniRef90_UP100037F52AD JniRef90_K0V769	UniRef90_UPI0002DAD967	LDVIPEEIG DELGDKVVKSGRTSGVTYGVVRRVDVK
JAIRE690	UniRef90_UPI00037F52AD	G S S S S L Q V G Q G V V A V G S P L G L S G
JniRef90	UniRef90_K0V769	PGGRMI VIEDASIV VIPTOGAPIVI <mark>CHEGIV VITGES C</mark> GTII IQAIVIN NG
JniRef90	UniRef90_U5WD21	F G S S A N M Q V G D T V L A L G S P L G L E G S V T E G I I S A K D R T
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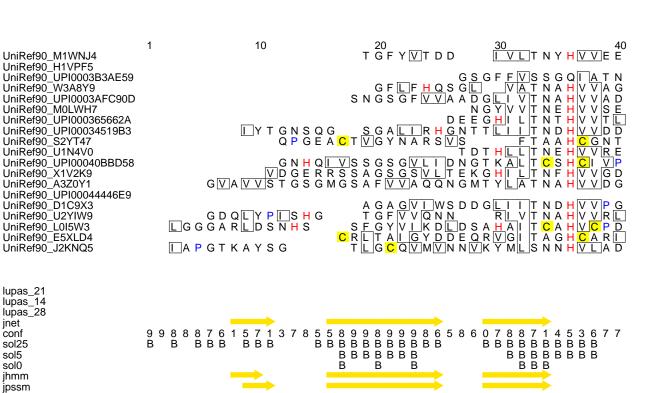
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