QUERY UniRef90_P02111	1 10 20 30 40 MLT A E E K A A VT G F W G K V D V D V V G A Q A L G R L L V V Y P W T Q R F L S G G E K S A V T N L W G K V N I N E L G G E A L G R L L V V Y P W T Q R F
UniRef90_G3WEX2 UniRef90_P02042 UniRef90_Q28932 UniRef90_G5BS33 UniRef90_UP100032B04A3	40 RF
UniRef90_Q63067 UniRef90_UPI000395D7C5 UniRef90_P02093 UniRef90_G3SBL4	FTAEEKATSLSTWEKVDLEKLGGETLGRLLIVYPWTQRF EKQLIPGLWGKVNVAECGGEALARLLIVYPWTQRF LTDAEKAAISGLWGKVNADGVGAEALGRLLVVYPWTQRF FTEEDKATITSLWGKVNVEDAGGETLGRLLVVYPWTQRF
UniRef90_Q45XI6 UniRef90_P86391 UniRef90_P24292 UniRef90_P13274	LTDSEKAEV VSLWSKVDEKT GSEAL GRLL V I YP WT RRF WTAEEKQLITCLWGKVDVATILGGESLAGMFVMYP WT QRL MTDAEKKLVTTMWGKLDVDAAGAETLGRVLVVYP WTQRF WTADEKQLITSLWGKVNVEFCGSEALARLLVYP WTQRF
UniRef90_P22743 UniRef90_P14526 UniRef90_W5MMA8 UniRef90_P06642	WSAEEKQLITSLWAKVDVPEVGAATLGKMMVMYPWTQRF LADDEKAAVSALWHKVHVEEFGGEALGRLLVVYPWTSRF WTAAERQAIASVWEKISLESVGSQALARLLIVYPWTQRY FTTEENVAVASLWAKVNVEVVGGESLARLLIVCPWTQRF
UniRef90_J3RZP8 UniRef90_W5LAV2 UniRef90_UPI0003C16005 UniRef90_B0JZZ3	WT A E E K S T V N A I WS K V D V P A I G A E S L A Q L L I V Y P WT Q R F WS D A E R S A I A A V WG K L N L D E V G P Q A L G R V L I V Y P WT Q R Y WT A E E R K A I T S V WS K V N P E E V G H E A L I R L F I V Y P WT Q R Y WT A E E K A A I T S V WQ K V N L E Q D G H E A L T R L L V V Y P WT Q R Y
UniRef90_E3TCM4 UniRef90_UPI0003767A2A UniRef90_Q5BLF6 UniRef90_Q8JH89	WS QS E R S AI VD L WD K I NVD E I G P Q A L A R V L I VY P WT QR Y WT D A E R R I I A D I WG K I K P D E I G P Q A L A R L L I VY P WT QR Y VWT A E E R A AI Q N I F A K L D F E S V G L E T L T R C L V VY P WT QR Y WT D A E R H S I T G V WG K I S V D E I G P Q A L A R C L I VY P WT QR Y WT D F E R A T I Q D I F S K I D Y D L V G P D A L S R C L I VY P WT QR Y
UniRef90_Q8AYQ6 UniRef90_C1BY71 UniRef90_I1VYK1 UniRef90_M3ZD83	WT D F E R A T I Q D I F S K I D Y D I V G P D A L S R C L I V Y P WT Q R Y WT D A E R S A I L G L WG K L S A D E I G P Q A F A R C L I V F P WT Q R Y MLT A D D K K M I Q T W D K A H A E A V G E E A L W R L F I T Y P Q T K T Y WT D A E R T A I S T L W S N I D V G E I G P Q A L S R L L V V F P WT Q R Y
UniRef90_UPI0002687953 UniRef90_P02001 UniRef90_UPI0003956BCC UniRef90_P10309	MLTAEDKKLIQQAWEKAHQEEFGAEALTRMFTTYPQTKTY MLTAEDKKLIQQIWGKVGGEEIGAEALTRMFCSYPPTKTY WTAEEKHLLGSLWAKVDVADUGGEALGRLLVVYPWTQRF
UniRef90_P13786 UniRef90_I1VYK2 UniRef90_M1VEK6 UniRef90_UP1000444024C UniRef90_P04442	MLT N E K I I L S L WS N I S A D V I G I E I L E K L F I V Y P Q T K T Y WT A E E K A A I N S V W Q K V N I E Q D G H E A L T R L F L V Y P W T Q R Y L T T N E R T I I L A M W D K I E S E E I G R E T L D R L L T V F P Q A K T Y ML T A E D K K L I T Q L W E K V H Q E E F G S E A L Q R M F L A Y P Q T K T Y
UniRef90_P10059 UniRef90_UP10003AFF6E3 UniRef90_I1Y926 UniRef90_I1VYJ5	MLSASDKANVKAI WSKVHAEEYGAETLERMFTVYPSTKTY VWTDFERTAI QDLFSKI DYAVVGQAAFSRCLI VYPWTKRY VLTAEDKKLI QQTWGKLGGEEI GAESLWRMFHSYPPTKTY VLSANDKTNVKGLFGKI GVEDLGGEALDRLFLAYPQTKTY
UniRef90_UPI000273A1C1 UniRef90_A0EZW7 UniRef90_P11749 UniRef90_L7MZW5	TKTDKALIAAI WAKVSADCI GTEALERLEISYPQTKTY WTDQERSVITSIEDNLDYDDI GPKALCRCLIVYPWTLRY WTQQERSIIAGFIANLNYEDI GPKALARCLIVYPWTQRY WTQEEKQLIANCWSKVDI GQI GGDALACL LVYPWTQRF LTAEEK VTALWNKVDVGKI GGEALGRLLVYYPWTQRF
UniRef90_UPI000443AAAE UniRef90_P18978 UniRef90_UPI0003ABC90C UniRef90_P85082	VLSPADKTNVKGTWSKI HSAEYGAEALERMFI NFPSTKTY PPCGARLLVVYPWTQRF WTDFERSTIKDIFAKIDYDCVGPAAFARCLI VYPWTQRY
UniRef90_UPI000332FBA8 UniRef90_F6KMG8 UniRef90_P02132 UniRef90_B3EWD0	LIKSERASI MSI WDKLAAEAI GTETLERLFVTYPQAKTY WTDKERATI QDLFSKI DYDAV GQATLCRCLI VYPWTQRY LTAHDRQLI NSTWGKLCAKTI GQEALGRLLWTYPWTQRY VLSAADKTNVKASWEKLHPGAFGGEALDRMFLSFPTTKTY
UniRef90_UPI0003C4572F UniRef90_Q7LZC1 UniRef90_W5KM05 UniRef90_UPI0003F06888 UniRef90_P81023	VLSPADKTNIKAAWDKVHAGDYGAEALERMFLSFPTTKTY WTDAERTAILTLWKKINIDEIGPCAMRRLLIVSPWTQRH WTEEERNFIREIFSKLKYEDVGPKSLCRALIVYPWTQRY LSDAEKALVNGIWSKVDVDKLGGQALGCLLIVYPWTQRF VLSAADKNNVKGIFTKIHAEEYGAETLERMFITYPPTKTY
UniRef90_B8K130 UniRef90_UPI000273A1EE UniRef90_C1BLE4 UniRef90_W5LAT4	ULSGADKTILIMSLWDKVSSEAILGTEALLERLIFLSFPQTKTY VLSGADKTNVKAVWSKVNAGAYAGEALLTRTFLSFPTTKTY WTFFFRTTILTSLIFAKLDYDKVGPKALSRTILVVYPWTORY
UniRef90_P11748 UniRef90_E5RWQ0 UniRef90_K7N5M5 UniRef90_P29625	LTAKDMATVKTLWGKISSDEIGAEALGRLLTVYPQTKTY LSDKDKSTVKALWGKISADALGADALGRMLAVYPQTKTY VLSPGDKANVKTVWSKVHVEDYGAETLERLFRVYPSTKTY LSDKDKAAVKLLWSKISKDAIGNDALSRMIVVYPQTKTY WTKTEKATITDIFSHLDYDDIGPKALSRCLIVYPWTQRY LTAEDKALVVVVLWGKIHTDALGGEALDRLFACFGQSRTY
UniRef90_Q90ZA5 UniRef90_P01935 UniRef90_B0M2T2 UniRef90_UPI0003944CCA	V L S P A D K T N V K A A W G K V G A H A Y G A E A L E R M F L S F P T T K T Y V L S S D D K C N V K A V W C K V H L E E Y G A E A L E R M F C A Y P Q T K L Y L S A K D K E T V K A F W A K V S A G D L G S D A V A R M L T V Y P Q T K T Y
UniRef90_Q7ZYZ4 UniRef90_M7B321 UniRef90_P02011 UniRef90_P14521	
UniRef90_H3ABR1 UniRef90_UPI000329AB1A UniRef90_P02131 UniRef90_C1BIL2 UniRef90_UPI0003F134CF	LTEAQRGAI VNLWGHLSPDEI GPQALARL I VYPWTQRY MLSANDKTLI SSTWNKVNAEDI GAEALERLFLAHPQTKIY LSSKDKTL VKTFWAKVEVAEMGGEALGRMLTAYPQTKTY FSAHEEKLI VDLWAKVDVASCGGDALSRML I IYPWKRRY LSSKDKATVKAFWAKVAPEEVGSDALSRML VVYPQTKTY VLSEAERALVRALWNKMNVGVYTTEALERTFASFPSTKTY
UniRef90_P06638 UniRef90_P14527 UniRef90_P01949 UniRef90_Q6Y257	LS A K D K A N V K A L WG K L K S D E L G E A L E R L E L S Y P Q T K T Y V L S A T D K A N V K T F WG K L G G H G G F Y G A L D R M F Q A H P T T K T Y
UniRef90_C87NR8 UniRef90_P02019 UniRef90_G5BXY0 UniRef90_F6YMH9	LSGKDKNI VKSI WEKVSPADII GAEAL GRML CVYPQTKAY WTEFERDTI KDIFSKI DYDVVGPAAL TRCLVVYPWTRRY LTAKDKSVVKAFWGKI SADVVGAEAL GRML TAYPQTKTY LSAADQAAVRALWKKMNVGVYATEAL ERTFLAFPSTKTY VLSAADKTNVKAAWSKVNSGAYMGEAL YRTFL SFPPTKTY
UniRef90_A0EZW4 UniRef90_Q802A4	WT DF E RATI QNLFSKMDY ELVGPAALSRCLVVYPWT QRY LISRT DK E AVKALWAKMSKDVI GA E A F G R ML I A Y P Q T KLY

	50 60 70 <u>80</u>
QUERY	F Q H F G N L S S A G A V M N N P K V K A H G K R V L D A F T Q G L K H L D D L
UniRef90_P02111 UniRef90_G3WEX2	F E A F G D L S S A G A V M G N P K V K A H G A K V L T S F G D A L K N L D D L F S N F G N L S S P R A I E G N P R V R N H G K K V L T S F G E A V K N L D N V
UniRef90_P02042	F E S F G D L S S P D A V M G N P K V K A H G K K V L G A F S D G L A H L D N L
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UniRef90_Q63067	F D K F G N L S S A P A I <u>M</u> G N P Q I R A <mark>H</mark> G K K V L <u>V</u> S <u>L G L A V E N <u>M</u> D N L </u>
UniRef90_UPI000395D7C5 UniRef90_P02093	FEHFGDILISSSSAIVIMGNAKIVIKSHGKKIVI ITAFADGILIKHILIDNILI
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UniRef90_Q45XI6 UniRef90_P86391	F E H F G D L S T A D A I L K N P R V Q A H G E K V L S S F G E G L N H L D N L F S E F G N L S S P T A I C G N P K V K A H G K K V L T A F G D A I R N L D N I
UniRef90_P24292 UniRef90_P13274 UniRef90_P22743	F G H F G D L S S A <mark>C</mark> A V M_D N P K V Q A H G K K V L H S L G D G L N H L D D L
UniRef90_P13274 UniRef90_P22743	F S T F G N L S N A E A I
HniPatan P1/526	FESFGDLSSADAVESNAKVKAHGKKVLTSEGEGLKHLDDLFSSEGNLSSAAAILGNPKVKHHGKTVLTALGQAVKNMDNI
UniRef90_W5MMA8 UniRef90_P06642	FSSFGNLSSAAAILGNPKVKHHGKTVLTALGQAVKNMDNI FDSFGNLYSESAIMGNPKVKVYGRKVLNSFGNAIKHMDDL
UniRef90_J3RZP8	FTSFGNLSNAAAI QSNAQVKAHGKKVFIAFGDAVKNPEGV FGTFGDLSNAAAI LGNPKVANHGKVVLGALDKAVKNLDNI
UniRef90_W5LAV2 UniRef90_UPI0003C16005	F G T F G D L S N A A A I
UniRef90_B0JZZ3	F S S F G N L S N V T A V S G N A K V R A H G N K V L S A V G N A I A H L D N V
UniRef90_E3TCM4 UniRef90_UPI0003767A2A	FASFGNIL ISNAAAII ISGNAKIVIAAHGKIV VIINGIL IDKAIVIK NIL IDNIVI
UniRef90 O5BLF6	F G G F G N L Y N T E A I M A N P K V K A H G V V V L K G L E K A L N N M D N I I
UniRef90_Q8JH89 UniRef90_Q8AYQ6 UniRef90_C1BY71	F A A F G N L S S A A A I M G N P K V S A H G K V V M G G L E R A I K N L D N I F G S F G N L Y N A A A I A S N P K V A A H G K V V L G G L E K A L K N M D D I I
UniRef90_C1BY71	F S S F G NIL IS T P A A II IM G N P NIVIA K H G R T IVIM H GIL ID K A II IQ NIL ID DII I
UniRef90_I1VYK1 UniRef90_M3ZD83	FPHF DLTRGSEQVRSHGKKVANALTNAVKNLDNLFPTFGDLSTPAALAANPKVAQHGKTVMGGLETAVKNLDNI
UniRef90_UPI0002687953	FESFGDILISCPSATMNNPKIVIKAHGKKIVI XII IKSMDNILI
UniRef90_P02001 UniRef90_UPI0003956BCC	F P H F D L S P G S D Q V R G H G K K V L G A L G N A V K N V D N L L S P G S D Q V R G H C Q K V V A A L G T A I K N I D N L
UniRef90_P10060	FADFGNLSSATAI <mark>C</mark> GNPRVKAHGKKVFTMFGEALKHLDNL
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UniRef90_UPI000444024C UniRef90_P04442	F P H F D M N S R S A Q L R A H G A K V M S A I G D A A K N I D N V F P H F D L H P G S E Q V R G H G K K V A A A L G N A V K S L D N L
UniRef90_P10059	F P H F DIL IT H G S A QIV K A H G K K V V N A M G E A V N H L ID D M
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UniRef90_I1VYJ5	F P H F D L H P G S A Q I K A H G K K V A A A L V E A C N H I D D I
UniRef90_UPI000273A1C1	F P H F
UniRef90_A0EZW7 UniRef90_P11749	F G A Y G D L S T P D A L K G N A K L A A H G V K V L H G L D R A V K N M D N I
UniRef90_L7MZW5 UniRef90_UPI000443AAAE	FPDFGNLSNA AHGKKVLTAFGEAVKNLDNI FDSFGDLSSADAVMGNPKVKAHGAKVLQSMGDGIKNLDNL
UniRef90_P18978	F S H F D L G H G S A Q I K G H G K K V A D A L T K A V G H I D N L
UniRef90_UPI0003ABC90C UniRef90_P85082	FESFGDLSSPDAVMGNPKVKAHGKKVLGAFSDGLNHLDNL FGNFGNLFNAAAIIGNPNVAKHGLTIMHGLERGVKNLDHL
UniRef90_UPI000332FBA8	FPHF DLHQGSPQLRAHGTKI VAAVGDAVKNLDNM
UniRef90_F6KMG8 UniRef90_P02132	F A K F G N L
UniRef90_B3EWD1	FHHF DLSPGSSNLKTHGKKVADALANAAGHLDDL
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UniRef90_W5KM05	FAHFGNLYNADAI MANPEVIRHGAVVMHGLDVALKDMNNL
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UniRef90_B8K130	FPHF DLHAGSAQLRTHGAKVAAALGDAVKNIDNL
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UniRef90_W5LAT4	FAHWADIVISPG SAPIVIKKHGKTII IMGAIVIGEAIVISKII IEDILI
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UniRef90_K7N5M5	
UniRef90_P29625 UniRef90_Q90ZA5	FSGFGNII IYN AAAII I IGN AKIVIA FHGII IKIV I I <mark>H</mark> GII IDII IGII IK KMD NII I
UniRef90_P01935	F S H F D L S P G S A D V K R H G G K V L N A V G E A A K H I D D L F P H F D L S H G S A Z V K G H G K K V A K A L S B A V Z H L D D M F P H F D L S H G S A Q I R A H G K K V F A A L H E A V N H I D D L T A T A T A T A T A T A T A T A T A T
UniRef90_B0M2T2 UniRef90_UPI0003944CCA	FPHF DLSHGSAQIRAHGKKVFAALHEAVNHIDDLFSHWKDLSPG SAPVRKHGGLVIASITDAVNKIDDL
UniRef90_Q7ZYZ4	F S H WA DLL S P N S P Q V K K H G T T V I N G V L T A V G L M D DLL
UniRef90_M7B321	FPHF DLRPDSGHIRCHGMKVVAALLGEAVRQIDNIFPHF DLTPGSADLNTHGGKIINALLAGAANHLDDL
UniRef90_P02011 UniRef90_P14521	FASFGNISSAAAII MGNPKVAAHGKVVVGALDKAVKNLNNI
UniRef90_H3ABR1	F SHMDIISPGSSMIIRAHGKKVMGTIIFGSIIKSIIDKII
UniRef90_UPI000329AB1A UniRef90_P02131	F S D W G D L S P N S P Q V K K H G A T I M R A V G K A V K N I D D L F E H F G K L S T D Q D V L H N E K I R E H G K K V L A S F G E A V K H L D N I F S H W P D L S P G S A P V R T H G K T I I E G V G E A V S K I E D L
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UniRef90_P14527	F S H W A SIVIA P G S A PIVIK K H GII ITII IM N QII ID D CIVIG H M D DIL I
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UniRef90_F6YMH9	FPHW DLSIGSAQVKALGQKVADALTLAVDQLYDL FPHF DFSAGSAQIKGQGQKIADAVSLAVAHMDDL FGNFGNLYNAEALTSNENVINHGKVVLHGLDRAVKNMDNI
UniRef90_A0EZW4	F G N F G N L Y N A E A L T S N E N V T N H G K V V L H G L D R A V K N M D N I I F S E W S D L R P A S G P V K A H G K K V M G G I A T A V A S I D D L L
JniRef90_Q802A4	F S E W S D L R P A

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UniRef90_P85082 UniRef90_UPI000332FBA8 UniRef90_F6KMG8 UniRef90_B3EWD1 UniRef90_B3EWD1 UniRef90_UPI0003C4572F UniRef90_UPI0003F06888 UniRef90_UPI0003F06888 UniRef90_B8K130 UniRef90_UPI000273A1EE UniRef90_P90625 UniRef90_P90625 UniRef90_P01935 UniRef90_D1935 UniRef90_D1935 UniRef90_UPI0003944CCA UniRef90_UPI0003944CCA	Q G A L T K L S E L H A Y L L R V D P V N F K L L S H C L L V T L A A H F P A D K A A Y T D L S T L H S E T L H V D P D N F R L L S D C L A I V L A A R M G K N K G Y Y A Q L S K Y H S E T L H V D P L N F K R F G G C L S I A L A R H F H E E P G A L S T L S D L H A H K L R V D P V N F K L L S H C L L V T L A A H M P A D P G A L S A L S D L H A Y K L R V D P V N F K L L G H C L L V T L A R H Y P G D K G A Y R E L S K K H S D Q L H V D P D N F R L L A E C I T L C V A G K F P K E K S N Y A E L S E L H S E K L H V D P D N F K L L A D C I T V V I A T K M R A G L L S N L D H S A S Q I N V S Y L S P Q L L G N V I V R V I A R H L G S E A G T L S K L S D L H A H K L R V D P V N F K L L G C F L V V V A I H H P A A A C A L S K L S E L H A Y V L R V D P V N F R L L S H C L L V T L A V H L P A D	
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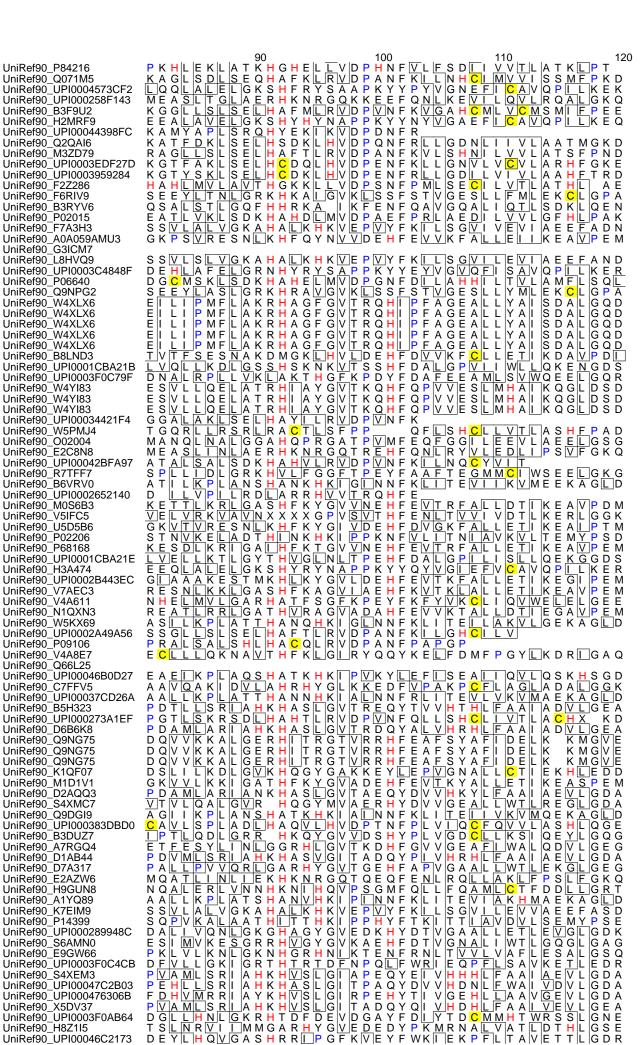
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UniRef90_UPI0003D0 UniRef90_P83113		L S D L H A H C L L S D L H A Q Q L L A Q S H A T K H L A Q S H A N K H L S D L H A H E L L A D L H A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L S D L M A Q V L L M A Q V L L M A Q V L L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V L M A Q V	RVDPANI	FQFFSH <mark>C</mark> L FPIIAHHI	L VTL ARHYPGD NVTIAVMFPDD
UniRef90_UPI000334 UniRef90_Q6GPU5	44B3 RAALSP DAALPK	L A D L H A Q V L	RVDPANI	FPLLIQ <mark>C</mark> F FMLLSYTI	QVVLASHLQGE
UniRef90_H2V2A8 UniRef90_K4FTL2	KETYKE	LSELHSEKL	HVDPDNI	FKLLSD <mark>C</mark> I	TIVVATKMGSK
UniRef90_M3WAU4	PTALWA	LSDLHVRQL	RVDPVNI	FKLLGH <mark>C</mark> I	LVTLARHYPGD
UniRef90_P02200 UniRef90_UPI0001E8	6EAO PRALSA	L R E L H T Q R L	RVDPVNI	FKLLG <mark>HC</mark> L	L V T L A R H Y P G D
UniRef90_UPI00034F UniRef90_K4FYN9	7437	LSELHAYVL LSKRHTDTI	R V D P V N I	F	MLLTRANNFPEE MLVE <u>M</u> AMT <u>K</u> G D
UniRef90_Q92025 UniRef90_P10783	KNĀYSA DGALSK	LSVKHSEKL LSDKHAEEL	HVDPDNI MVDPANI	F R <u>L</u> L A E <mark>C</mark> I F P <u>K</u> L A H N I	TVCVAAKLGPA LVVLGIHLKPH
UniRef90_K7FZS0 UniRef90_H2ZWU1	SKTLSD LGVVNP	LSDLHAYNL LGKKHATOL	R V D P V N I	FKLLSH <mark>C</mark> F FKII <mark>C</mark> NII	F Q V V L A S H L Q G E Q V T L A A N F Q A E T I V V A T K M G S K I A L L E E T F G N A L V T L A R H Y P G D V K V I A E K Y P A D L V T L A R H Y P G E M L T R A N N F P E E M L V E M A M T K G T V C V A A K L G P A L V V L G I H L K P H E Q V V L A V H L R D E I S V V K P I L K E A
UniRef90_H3ARB7 UniRef90_P20244	LEQIAF PHHLNK	ELGRSHCRY LAEKHGKGL RKAPGARAL	NAPPKY	Y E Y V G V Q F	I SVVKPILKEA AVTLAAHLQ E
UniRef90_S9YMZ9 UniRef90_UPI000442	G G G G S G 3B55 G E V L A F	RKAPGARAL	SLPPFP	PQLLSHC	L VT VASHFPAD FIQAVQPLLKED
UniRef90_P07420	KGTFAK	ELGRSHFRY LSELHCDKL LGQKHATQL	HEDPENI	F K L L G N I L	. V I <mark>C</mark> L A E H F G K E
UniRef90_Q5QRU6 UniRef90_Q6F3D2	E G L N P E A A L S K	L G Q K H A T Q L L I D K H A H D L L S D L H A H K L	MVDPKNI	F V L L N H H I	L Q L M E E K F G G D L A V L A M H L P Q L
UniRef90_K7GM56 UniRef90_UPI000274	P G A L S A 0914	LIS DILIH A H KIL	JKWD PWN I	F K <u>L</u> L S H <mark>C</mark> l L S H <u>C</u> l	_
UniRef90_H9GXG1 UniRef90_UPI000444	0508 S S V L V L P D A L S A	_V	K	F K L S G <u> </u> V F Q <u>L</u> L G H <mark>C</mark>	LAVLAMHLPQL LVTLAAHHPDD LVTLACHHPAE LELLAEEFGEC LLTLARHYPGD
UniRef90_W5UIQ8 UniRef90_Q4JDG2	PKHIFK	LAKKHGTEL	I V D P H N I	FVIFSDI	TICAVRPILKEK VATLAIHLPS
UniRef90_J9P9H8 UniRef90 Q7ZYZ5	P G A L S A K A T Y A D	II IS DII I <mark>H</mark> A Y K II	RVDPVNI	F K IV IS R G P	
UniRef90_UPI0002C6 UniRef90_K4G4N4	62FF6 RAALSP ASNLQA	LADLHAHVL	RVDPSN	L <mark>P</mark> LLLQ <mark>C</mark> F	F QVGLASHLQGA LKVFAEKFPGE LVTLA <mark>C</mark> HHPAE
UniRef90_G9K3V9	P G A L S A	LSDLHAYKL	RVDPVN	FKLLSHCL	L VITILIA CHHPAE

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UniRef90_		130 FTPEAHGAFQKF L A VVV AS L RKQYH
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UniRef90_ UniRef90	_P10062 _P84203	T P D V H R A Y D K F L S A V G D M L A E K Y R F T A E V H V A M D K F L S A V C A A L S D K Y R F T P V A H A A M D K F L S A F A A V L S E K Y R F T A E A H A A W D K F L S V V S S V L T E K Y R
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UniRef90	Q5EEZ5	FTPEA <mark>H</mark> LAVDKFLN <u>N</u> LALSEK
UniRef90_	_UPI00038EE4CD	F S P A M Q A S L D K F L S L V T S A L A S K Y R
UniRef90	_G5E0T9 _C1BYA0 _R6DMG4	F D A V A Q S A W D K F L S Y V S A V L T S K F D P V A H A A M D K F L S A F A A V L A E K Y R
OHIIVE190	_B0DIVIG4	FTPEIVI <mark>H</mark> IVISMDKFILIAAILIAILIAILIAEKYR
	_Q5BJC7 _P18974	FTAEVHVAVDKFLAALSAALADKYR LKADVALSMDKFLTKVAKTLVAHYR
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	_B2RVB7 L5KGV2	FTSALQAAFEK FKADAHAA <u>W</u> DKFLSLISNVLTEKYR
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UniRef90	_J3S8W7 UPI0003F0E70B	L D A S V L L P L D K F L D L V A K V L V S R Y R F S P V M Q A S V D K F L S H V T S V M I S K
UniRef90_		FDPATHKA L DKF LV S V SN VL TSKYR
	UPI0000F60FEE	FTIVIEMHAAWDKFILIAEIVIAEIVIMSEQYR
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	_UPI00022F722E _UPI0003D07C9F	
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UniRef90	_H3B4U9	FTPE V QKAWTK L MS II <mark>CC</mark> H V TATY
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UniRef90_	_Q8UUR3	F S P E IV IQ S S W S K IL IM G II L IY W Q M N R IV IY
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UniRef90_		LKASLIVSLDKFLEEVCKVLVSKYR
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UniRef90	P83113	F T P A H A S L D K F M A S V S T V L V S K Y R L T C A M H C S L D K F L C Q V A E V L T S K Y R E K A S L I V S L D K F L E E V C K V L V S K Y R F G A E S Q A A M R K A L E L F R N D M D R K Y F G A D A Q G A M S K A L E L F R N D I A A K Y F S P E M H A S L D K F L G H V T S A L V S K D R K F D I A H H Q L D K F L A A V G G S L T S K Y R Y T V E M Q A A W D K F L T A V S T L T S K H R F D A T A Q A A W N K F L E A I S T L T S K H R F T P F I Q A T F O K F L A V V S A I G R O Y H
UniRef90_ UniRef90_	_UPI00033444B3 _Q6GPU5	FDATAQAAWDKFILII GIVIAIV V LII EKYR
UniRef90_	H2V2A8	FTPEIQATFQKFLAVVVSALGRQYH
UniRef90_ UniRef90	_K4FTL2 _M3WAU4	FTPEIRET WTKLFGVIYACLESHY FSPAMHASLEKFLSHVISALASSY FGADSQAAMRKALELFRNDMASKY FSPGLQASLDKFLSHVTSALA
UniRef90_	_P02200	F G A D S Q A A M R K A L E L F R N D M A S K Y
	_UPI0001E86EA0 _UPI00034F7437	FSPGLQASLDKFLSHVTSALA FTLK <u>F</u> HTI <u>I</u> DKL <u>F</u>
UniRef90_	_K4FYN9	WSPETEALNRKFVDVSTAALSRKYH ESADIQEAEQKFLAVVVSAVGRQYH
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UniRef90_ UniRef90_	_UPI0004423B55 _P07420	WTLEVEKAWKSLFKYLVAVMRRGFY FTPEVQAATQKTVAGVANALAHKYH
UniRef90	Q5QRU6	C K A S F E K V T N E I C T H L T N I Y
UniRef90		F T P A N H R S L D K F L H T V M R C L I S K Y R
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UniRef90_ UniRef90	_UPI0004440508 W5UIQ8	F S P A M H R A L H R F L T H V A WA L A S WT P E L E K A WK T L F Q Y V T WL M R R G Y
UniRef90	Q4JDG2	WTPELEKAWKTLFQYVTWLMRRGY FTPATHTAVDKFLEEVAHQLSSAYR
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JIIII\GIJU_UF IUUU40UZ I / 3	I L N I N L L IN I N L D Q N N D L L L L N L II N D I IV IVIN I I L ID E GII IN E LL ID N L I



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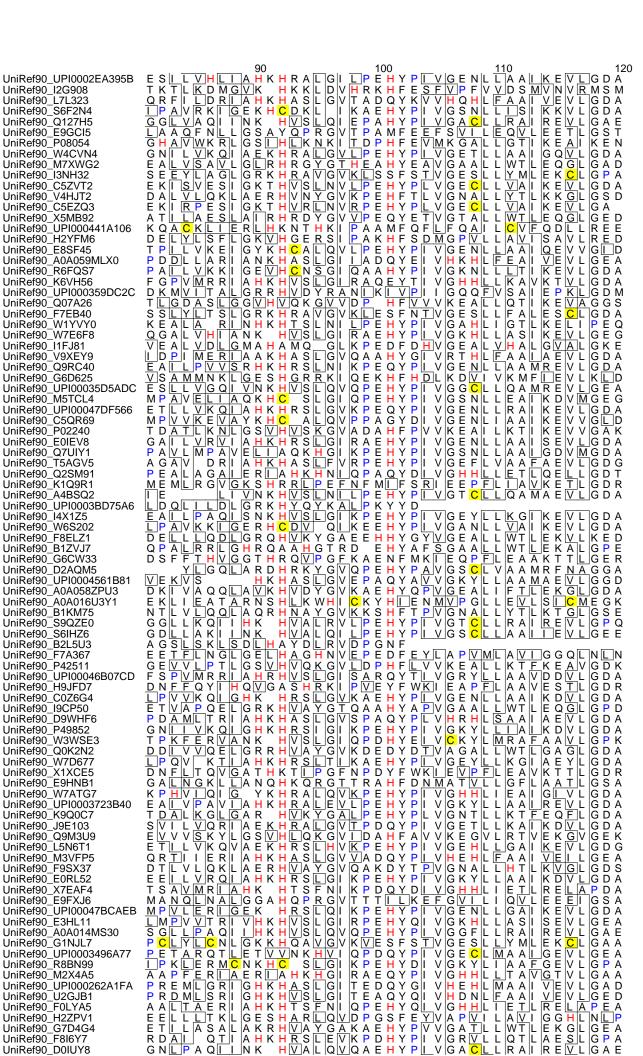
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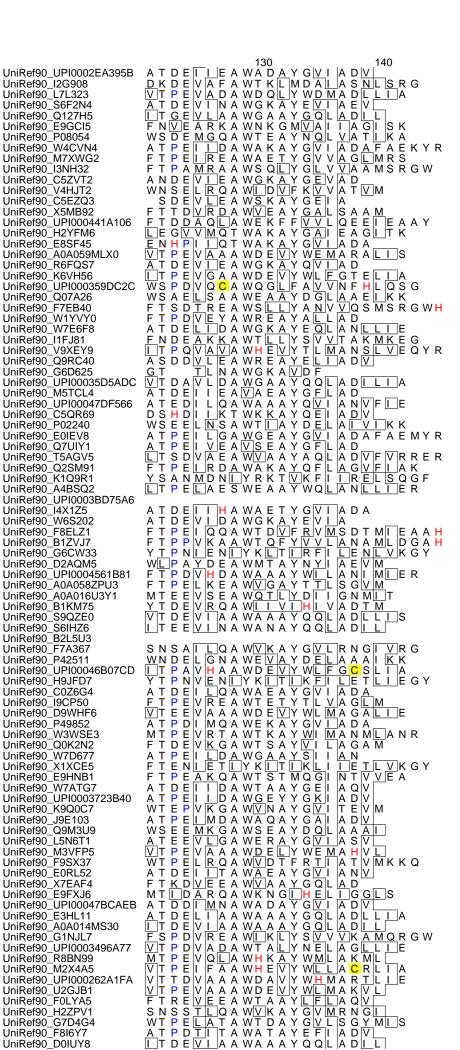
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UniRef90	UPI0004653751	VTEDVAAAWDRVFWI MANTLI ALEH
UniRef90_ UniRef90_	_UPI0003F6041F L1M9D6	AT E E I LQA WA E AY E E LA RVFI E VT P E VA E A WD A VY WMMA D TL VR
UniRef90	UPI0003FF27C9	I T A E I A A A W T E V Y W L M A N A L
UniRef90_ UniRef90	_C1AE78 _UPI0002557E95	FTADARSAWATAYGALATVM FTPEVKAAWVTAYTTLSGAM
UniRef90	UPI00021929A5	FTPEVKAAWVTAYTTLSGAM VTPEVAEAWEEVYRLLEEVL
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UniRef90_L7L323 UniRef90_S6F2N4	MLSDTQRATLAATLPAVEGAEITPRFYRGLFDAHPNLLD MLDTKTLDIIKSTVPSLKAHEITQTFYKTMFENNPEVKTL
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UniRef90_E9GCI5	DHSII I RNI WDQAKKGEFAPQIVLLIRFII IKAHPEYQQM
UniRef90_P08054	LTEKQEALLKQSWEKQNIPAHSLRLFALLIEAAPESKYV
UniRef90_W4CVN4 UniRef90_M7XWG2	MLDQQTIELIKSTVPQVHGKTLTTTFYRMLFENHPELLNI LSATQVERVQASFAKVRADTAADLFYERLFALAPQVRPL
UniRef90_I3NH32	E P E L
UniRef90_C5ZVT2	MILID SHTKEII VIKSTII IPAILIKQEDII ITKIVIFYREILIFGRYPQIVIQ
UniRef90_V4HJT2 UniRef90_C5EZQ3	I S Q R Q K Q L V Q A S F V K V E P E Q A A D I F Y T T L F E Y D P S L K S L M L D I Q T K E L V K S T I P K S Q G E D I T K V F Y R E L F T R Y P Q V K S M
UniRef90_X5MB92	MT P Y Q <u> E L V Q</u> R S F A K <u> V A G</u> K A A D <u> F Y T R L F E L A P E V R P M</u>
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UniRef90_F21FN00	MLTQEEKGII LETVPV LKEKAITSNFY HRMFN QHPE
UniRef90_A0A059MLX0	MILISIVIE S A DIV VIR A TILIPIV VIG A G DII IT PII IF Y R R M F A A H P EILIE R D
UniRef90_R6FQS7 UniRef90_K6VH56	MLDQKTIDI I KSTVPALKAHEI TTTFYKNMFANNPEVKPL LSPESEALVKATAGVVHAEDITKVFYPDMFAAHPELMRV
UniRef90_UPI000359DC2C	IL IF H T H P E A II IE S
UniRef90_Q07A26	FTEAQEVLVNSSWEKQNLPHNSLLFYTFVLEKAPAAKDL LSGPQKELIRESWQTVSQDQLHHGTLFQLKSGLYWSSEV
UniRef90_F7EB40 UniRef90_W1YVY0	LSGPQKELIRESWQTVSQDQLHHGTIFQLKSGLYWSSEV MLSDKTIEIVKSTVPLLAQAVVTEHFYKRLFSHNPELKNI
UniRef90_W7E6F8	M L T E N Q K S I I K A T V P V L A E H A L T S H F Y E R M F A Q N P E L K Q V
UniRef90_I1FJ81	ILITSAOIVIAILLIESTWKIVVIKKDGAGNILIMEILIKILIEOILIDIVISIVIRDK
UniRef90_V9XEY9 UniRef90_Q9RC40	MLSSTSRSI VEATÜPV VGAETISRVFYNRLFRAVPS LSQETKQLVKATVPLLHGEALTKHFYKRMFSHHPELL
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UniRef90_14X123	MILID Q K T II IEII V IK S T IV IP A IL IK E H E II IT K T F Y K N M F E N N P E IV IK R IL I
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UniRef90_S9QZE0 UniRef90_S6IHZ6	LTQRQIQLVQHSFSLVEPEQAADLFYDSLFKIDPSLKPL MLNAQQRAIVKATVPLLESEALTTHFYRIMLGEYPQVRPL MLNASDRAIVKSTVPLLESEALTTHFYKKMLSEYPQVQPL
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UniRef90_F7A367	LITTEEI ELLRSSWKTI GMKELGLLI FHRLFSDVPRI RKM
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UniRef90_X1XCE5 UniRef90_E9HNB1	VLNSVNVAAVQSTWAVIKSDINTPQFYVALLTAHPEYQAM
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UniRef90_K9Q0C7 UniRef90_J9E103	MISTETKS I I IST VPV LEKEA IT GREYHILF SEHPEI INI
UniRef90_Q9M3U9	
UniRef90_L5N6T1 UniRef90_M3VFP5	MVTKAEKRTIKATVPVLHGGTIAGVFYRNLFQEHPE MISDDSRTMLEATLPAVELGALTENFYRRMFDAHPEL ISNRQKQLVQNSFSKVEAEQAAEIFYQTLFEFDPSLKPL MLSEQTIATIKSTVPVLEVHTITKRFYQMMFEAHPELLNI
UniRef90_F9SX37	III I S N R Q K Q L V Q N S F S K V E A E Q A A E L F Y Q T L F E F D P S L K P L
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	50 60 70 80
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UniRef90_S6F2N4	NLFNRTHQKSGEQPQALAGSVAAFARLQLEPDVRR FNMDRQNS GEQPKALAMTILAA AQNIDNLEAL
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UniRef90_P08054	F S F L K D S N E I P E N N P K L K A H A A V I F K T I C E S A T E L R Q K
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UniRef90_A0A059MLX0 UniRef90_R6FQS7	F NMDKQASGEQPKAII IAMTII I IA AAQNII IDNII I
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UniRef90_UPI000359DC2C UniRef90_Q07A26	F S F I K N S D G V P K N N P A I L Q A H A F K V F G I V R D A A V Q I R T V I
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UniRef90_T5AGV5 UniRef90_Q2SM91	FNSSHQHSGGQQVALFNALAAYAKHILET
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UniRef90_W6S202 UniRef90_F8ELZ1	F NMDRQASGEQPKALAMTI LAA AQNI DNLEVL NSELKTQGI KLEQVI SETV <mark>C</mark> SLDNM
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UniRef90_G6CW33 UniRef90 D2AQM5	FPPAMDILIQRDRILLI HAILII QIVVLINILIEDGAGILIND
UniRef90_UPI0004561B81	F G M T N M L T G R Q P K A L A H G L L A Y A S H I T E P A V L A D F
UniRef90_A0A058ZPU3 UniRef90_A0A016U3Y1	FK GDLSE QGKKLMTTLGVVVNGLKDL WPQFRALPDSSLIA SDKLRNHATVYMAGLKRLVAVLDDN
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UniRef90_Q0K2N2 UniRef90_W7D677	F NI IT N Q FILIG T Q PILIA ILIA N TIVI YILIA A F NILIF RILIFIVI
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UniRef90_E9HNB1 UniRef90_W7ATG7	F P T
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UniRef90_F9SX37	FKS GMKFQGRKII MAILI IKIVIAIVIN FILID NILI
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Jankedo UPEN JANKES JAN		
Interest	UniRef90 K1RX51	1 10 20 30 40 AREAEKI KOSWKKRKI JEET GVNYSGKI JEKT NANII KYII
Minkengo UPRO00280426791 Minkengo UPRO00280426891 Minkengo UPR	UniRef90_U1EBY4	MILITOKEILIGILLIKOTIVIDILLIKEETILITOKEVKDILIEET 📙 DEILIKNIVI
Minkengo UPRO00260426767 Minkengo UPRO002604267676 Minkengo UPR	UniRef90_W8A1R9	LEPEHAEVIRATUPL VHIDQUTPLFYKKMFTAHPELLRD
Minkengo UPRO00260426767 Minkengo UPRO002604267676 Minkengo UPR		MIT DI OR DI VKKT VPI I FVF ALT THEY OF MIR DYP GVR PL
Minkengo UPRO00260426767 Minkengo UPRO002604267676 Minkengo UPR	UniRef90_P02211	L S A A È A DL V G K S WA P V N K D A N G D A F L L S L F E K F P N N A N Y
Minkerson Mink	UniRef90_M2XD60	MLSESARPLIEATAPVIALPDIAPKFYQSMFEAEPQLIE
MILES Q ET M N N		I T P S OI AI VK S T A P K E K G E EI T T II E Y K N MI G A H P E I H
MITT 8 AND 9 AL DATE 1 DATE 8 A PLANT DATE 8 A PLAN	UniRef90_UPI00028A25F1	MIL IS Q E T M N IV I IK S T A P IV L IE IV IH T II IT K T F Y K N IL IF A A H P E IL L IN II I
This color of the color of th		MTTAAQDAILIDATAPIVVI <mark>H</mark> II IDAILITARFYPII IMFFRYPAIVIKAILI
This color Thi	UniRef90_Q2PP42	FTESQEALVITSSYEKQNASDLSVLFYTFILLEKAPGAKNL
Image 1	UniRef90_A0A023D9N3	
Image 1	UniRef90_P23216 UniRef90_Q6WKX2	F S E E Q E A L V V K S W G K K D A G Q L G V K F F A K I F E I A P S A K R M
Minkelso	UniRef90_UPI00031999E4	LTARQVILITNSFRKVEPLQAAELFYDILESYDPILKPL
Minkelso		LIPDEDIS AI IKAILIPALIEAHDIII IEMYKKILLA LITDADI SIVKSTAPKOHGFAIITTVFYNDI ITFNPSIJK
Minkelso	UniRef90_UPI0003711A7B	MTREQKQLVKDTVPV LRENGVTTHFYERMLTHNPELK
Minkelso		MILID Q A TILIA IV I K S TILIPIL LIE S PAILIT Q H F Y Q R M F S H N P E ILIK
Minkelso	UniRef90_UPI000349F54F	EL LEES FNRIKPEEFVGSFYDNLEGDYPEVKPL
Minkelso	UniRef90_R6ANN3	MLTKQQIELVKATVPVLREHALTSHFYKRMLSHNPELMQV
Interest	UniRef90_M2X487 UniRef90_S6CDG3	LITADQAALVQGAWSKVKTSEV EI LAAVFSAYPDII QAK
Interest	UniRef90_M7XQB8	MT P E QUK RV Q D S F A KV R A G T A A D F Y G R L F E L A P Q V R G L
Jainergo (Jainergo (Jainer	UniRef90_10BM64 UniRef90_UPI00036E5B2D	All II E H F Y Q R M F I H N P E IL IQ N IV I
Junkelgo V25GRE8 Junkel	UniRef90_W9VZS9	I IS FOOK AIL VIKS TA PIV LIOF HAILIT SIVIF YKRILLIS NHPT
Junkergo 229Rt		MILD Q K T I D I I K S T V P V L K T H E I T T T F Y K N M F E K N P E I K P L I M T S D O I O I V K G T V P V L R E H G V T T H E Y K R M F E H N P E I K
JAMERGO UPIDODA 458921 JAMERGO MESTAS JAMERG	UniRef90_X2GRE8	MÜDÖHTI NVIKSTVPV LEVHAI TKTFYHNÜFKDNPSLÜND
Jinkergo A00024PP82	UniRef90_B8MAY8	LT E D QL NL I K A T V P V V Q E H T I T T V F Y K N M L T E N P D
Junkergo Mistrass	UniRef90_A0A024PP82	LDKGTKDIIKATVPVL QEHGAELTKRMLGNHPELK
Jinker90	UniRef90_C7NIJ4	L S P Q S A E I V A A T A G V V H A V Q T T S E F Y P N M F A A H P E L M R V
Jinker90	UniRef90_M5E7R5 UniRef90_E1X5F5	MLESKTHEILIKSTAPILI EEHGVHFYKKLFEKNPEVMPY
Jinker90	UniRef90_B8NAG7	LISPEQUIQLUKATVPVLQQHTITTTVFYNNMLTAHPELNAV
Johnsen Begger Johnse		MILID S K I II IFII I I IK S I IVIPIV I IFIVI <mark>H</mark> I II II K I F Y O I M F K N H P F II I INIVI
Junker J	UniRef90_B8C6B7	IL IS P E DIL IS IL V IQ T S WA K IV I IA S IV IA A DIL IF Y T K IL IF E IL ID P E IL IR P IL I
Jinker90	UniRef90_D2A396 UniRef90_UPI00034D7B38	F P R L F E E H A E L L T L L
Jinkef90_UP1000371A6A8 Jinkef90_VSZ81 Jinkef90_VSZ81 Jinkef90_SXTH5 Jinkef90_ESXTH5 Jinkef90_ESXTH5 Jinkef90_ESXTH5 Jinkef90_ESXTH5 Jinkef90_ESXTH5 Jinkef90_UP100045E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100038E96C6 Jinkef90_UP100045E96C6 Jinkef90_UP100038E96C6 JINkef90_UP1	UniRef90_U3HM05	MESSQÜRAL VKŠTVPELETĚALTTHFYKMMETÊYPQVŘPL
Jinkef90	UniRef90_B0UIC5	LIT PATVAL VKATVPALEAHDUTRRMYERLEK NPELRDL
Jinkef90	UniRef90_UPI000371A6A8	MTPTQITLVQTSWAQVVPTQAAATFYGRLFQLDPSLRAL
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Jinkef90	UniRef90_UP10003458DAD UniRef90_F5XTH5	E Q T S V F Y P K M F A E N P E L L R I
Jirikef90_UP1000477A4C2 Jirikef90_G0D627 Jirikef90_G0D627 Jirikef90_UP100045E96C6 Jirikef90_F3RBQ0 Jirikef90_A3VCL8 Jirikef90_F3RBQ0 Jirikef90_F3RBR1 Jirikef90_G49W16 Jirikef90_G49W16 Jirikef90_G49W16 Jirikef90_G9UP1000376471D Jirikef90_G9UP1000376471D Jirikef90_G9UP1000361A298 Jirikef90_UP1000361A298 Jirikef90_UP10004761A0 Jirikef90_UP10004761	UniRef90_H3SBC5	MILIT PRTILEI VKSTVPVLEAHQILTKRFYEMMFSNHPELLINI
Jinkef90	UniRef90 UPI000477A4C2	MT N Q Q Q V K Q T W K L V D P A V L G D V F Y G R L F K Y P M I R P M
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Dirikef90	UniRef90_Q49WI6	MLNEKEKAL IKETVPVLQERELTSFFYNRMFTQHPELK
Dirikef90	UniRef90_G8X712	MTTTEKELLIKATUPVLRENGVTKHFYNRMFAHNPELK
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Dilikef90	UniRef90_UPI000382B6E6	DADALKRTWAQVAADAVPGYFYAHLFLAHPETRDL
Dilikef90	UniRef90_R7YY07 UniRef90_B1LUC7	S A A QVALVR D S F E TVQ T D A VA DL F Y G R L F D A P Q VR S L
JniRef90	UniRef90_V6I8G9	LGNDELEMVRSSFEKVNKDEVASLFYKKLFELEPGYKAM
JniRef90_R/Z/62	UniRef90_P04251 UniRef90_UPI000318168E	A D Q K D L L K L S W G V Y D M E G T G L M L M A N L J F K T S S A A R T K H A E E I T K V F Y P D M F F A H P F II T
JniRef90_R/Z/62	UniRef90_A0A016Q645	LSYQQTKL TRGT LPALHGERI TTI FYRNMLRDHPE
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JNIREF90_C9QFU4 MINNQHIEVVKSTIPLIESPALTQHFYQRMFSHNPELKDI JNIREF90_U6IR81 FSEFEKDVLISTWEALYTHEHGAFIFRLAAEMCPELKAA JNIREF90_UP100047CF7FA MLQQHKDLVKATIPALHGEAVTRAFYETLFEEHP LSPAQIDIIKSTVPLHGPLVATTYANMLAAHPELQNY JNIREF90_G9NNS6 LSPAQIDIIKSTVPKDHGTNILTTVFYKNMLTEHPDLNKW	UniRef90_R7X262	MLS A A S R P YI D A S V P V L R E H A L T R H F Y A S M F E A H P E
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JNIREF90_C9QFU4 MINNQHIEVVKSTIPLIESPALTQHFYQRMFSHNPELKDI JNIREF90_U6IR81 FSEFEKDVLISTWEALYTHEHGAFIFRLAAEMCPELKAA JNIREF90_UP100047CF7FA MLQQHKDLVKATIPALHGEAVTRAFYETLFEEHP LSPAQIDIIKSTVPLHGPLVATTYANMLAAHPELQNY JNIREF90_G9NNS6 LSPAQIDIIKSTVPKDHGTNILTTVFYKNMLTEHPDLNKW	UniRef90_UPI00047C30DC	MNDET LEL VETSFEKI KPRAVESSFYQNL FETYPETQRL
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JNIREF90_C9QFU4 MINNQHIEVVKSTIPLIESPALTQHFYQRMFSHNPELKDI JNIREF90_U6IR81 FSEFEKDVLISTWEALYTHEHGAFIFRLAAEMCPELKAA JNIREF90_UP100047CF7FA MLQQHKDLVKATIPALHGEAVTRAFYETLFEEHP LSPAQIDIIKSTVPLHGPLVATTYANMLAAHPELQNY JNIREF90_G9NNS6 LSPAQIDIIKSTVPKDHGTNILTTVFYKNMLTEHPDLNKW	UniRef90_R8B8T8	LISPEQUAL KATAPVLKEHTÜTTLFYKNMIDANPE
JAIRET9U_G9NNS6	UniRef90_Q6WKX1 UniRef90_C9QFU4	F S E E Q E A L V K E A WE K P N V Q E L G L K M F F L S W A D V A G G A G M M N N O H L E V V K S T L P L L E S P A L T O H E V O R M E S H N P E L K D L
JAIRET9U_G9NNS6	UniRef90_U6IR81	FSEFEKDVLISTWEALYTHEHGAFIFRIAAEMCPELKAA
JniRef90_A1CN79 JniRef90_A0A034WEZ5 JniRef90_C7FFV7 JniRef90_G0W9W0 LTPEQIALIXATVPKDHGTNITTVFYKNMLTEHPPLLNKV FSAQEVADIKKSWPKANLTDSGAAILVHFVJTKYPDNLMH JNIRef90_C7FFV7 ISSEQKAAIKTSWAGANLQAAGTGFYVHLAAD MLSEQTRTLVKATVPVLEQQVITRCFYKNMLGEHTELLNI	UniRef90_UPI00047CF7FA	MIL QQHKDILVKATII PALHGEAVTRAFYETLFEEHP
JniRef90_A0A034WEZ5 JniRef90_L9TFS2 JniRef90_C7FFV7 JniRef90_G0W9W0 F S A Q E V A DI K K S W P K A N L T D S G A A I L V H F V T K Y P D N L M H M L D A Q T L A T V K A T I P L L T G P K L T A H F Y D R M F T H N P E L K E I I S S E Q K A A I K T S W A G A N L Q A A G T G F Y V H L A A D M L S E Q T R T L V K A T V P V L E Q Q V L T R C F Y K N M L G E H T E L L N I	UniRef90_G9NNS6 UniRef90_A1CN79	LITPEQIALIKAT VPKDHGTNLTTVFYKNML AARPEL QNY
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JniRef90_G0W9W0 MLSEQTRT VKAT VPVLEQQVIT RCFYKN MLGEHTEL LNI	UniRef90_L9TFS2 UniRef90_C7FFV7	MILIDAQILIA I IVKA I LIPLLI GPKLI AHFYDRMFI HNPELKELI II ISSEQKA AII KTSWA GA NILIQA A GTGFYVIHII A A D
	UniRef90_G0W9W0	MLSEQTRTEVKATÜPVLEQQVITR <mark>C</mark> FYKNMLGEHTELLNI

UniRef90_K1RX51	FAHFSKLETEDDMRENEALEHHATFVMTTLDEALSNIDNV
UniRef90_U1EBY4 UniRef90_W8A1R9 UniRef90_O80405	F NQTNQKKGLQSSALAMAVLAAADNIDDL RFNRGNQ KQGQQRALAASIATFATHLVDPSLPH FSFLKDSA EVVDSPKLQAHAEKVFGMVHDSAIQLRAS
UniRef90_K6BYF0 UniRef90_P02211	F NQANQANGAQPRALANAVL MYARNI DRLENL FADFKGKSIAD IKASPKLRDVSSRIFTRLNEFVNNAADA EGIFSRANQRTGEQPLALAGSVVAFATHLLNHPESY
UniRef90_M2XD60 UniRef90_UPI00046972F1	E GI F S R A N Q R T G E Q P L A L A G S V VA F A T H L L N H P E S Y D V F N L A H Q H K G D Q P VA L F N A V A A Y A Q H I D N L A V L
UniRef90_W3X6Y2 UniRef90_UPI00028A25F1 UniRef90_W1N5G4	DVFNLAHQHKGDQPVALFNAVAAYAQH I DNLAVL NIFNQTGQTTGAQPRALAGAVFSYASH VDDLGRL FNH TNQEKGRQQTALANTVYA AAVHIENL FNH NQSHQQDGGQPRALARSVLAYVG LRKQPAE
UniRef90_A0A024JF60 UniRef90_Q2PP42	FPSIIKSQASSMAG ILDNLPRVI FSFIIKD SDGVPKDNPNIKAHAAKVFFIIVVDSAVQIIRTK
UniRef90_A0A023D9N3 UniRef90_P23216	P A R D F N S H Q Q D G E Q P K A A
UniRef90_Q6WKX2 UniRef90_UPI00031999E4 UniRef90_K7SC23	F S F L R D S D L P L E Q N P K L K P H A L S V F A M T C E S A V Q L R K A F K G D M K Q Q G R K L M A L L H A A V S S L N A P D P A L A E M F D P T H Q S K G T Q P R A L A M A V L A Y A K N I D N L G V L
UniRef90_Q7S074 UniRef90_UPI0003711A7B	NILLE SILLE SICA EGA OPRALIA HAIVIA Y ALYILID NILIS AILI
UniRef90_K1K1W9 UniRef90_J3NI61	DI FNLAHQRSGGQPLALFNAVAAY AKNLDNL RI REVENSIVNOKSGROPRAL TOVMI SFANNVSHTSEL
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UniRef90_T0BM64 UniRef90_UPI00036E5B2D	F N Q A N Q H Q G R Q Q T A II IA N A IVIY A A A IVIHI I ID N II I
UniRef90_W9VZS9 UniRef90_V9HH89 UniRef90_U2HCD6	F NMSHQRSGKQQFALFSALASYAKHLDDLL LRNLFNTAHQETGAQPAALAHAVWAYANN LDNLGALF NMDRQESGEQPKALAMAILSS AQNIDNLHVFNMGNQQNSKQQTALAMAVLAYAEHLENPTVLL
UniRef90_X2GRE8 UniRef90_B8MAY8	INQIKGRQQGALIANIVIYA AAQHIIDNL LNDYFNTTNQLNGHQQRALIAGS LIYAYAANIIDNLGAL
UniRef90_UPI000443E9E1 UniRef90_A0A024PP82	NL F N Q T N Q R K G D Q P K A L A N T V Y A A A N L D H L
UniRef90_C7NIJ4 UniRef90_M5E7R5 UniRef90_E1X5F5	F NKANQAVGEQPVALASSVVAYAVQLIDPEAPD NVFNRGNQKQGAQQKALAASVATFASMLVNKDAPL F NRAHQEMGTQQEALAGAICA YAKNIDNLSAL
UniRef90_B8NAG7 UniRef90_C6J2F4	F NNANKUNGHQPRALAGALFAYASH DDLGAL FNH ANQRQGKQPTALANAVYAAAAHIDRL
UniRef90_UPI000476541D UniRef90_B8C6B7	
UniRef90_D2A396 UniRef90_UPI00034D7B38 UniRef90_U3HM05	F P S D L A D Q K K K L M A M I S V A V D G L T D L E A L F E K F K E L K T K E D Q A N S L E L A E H A S T V M N T L D E G I K E L D N L F A K T D I G K Q E K K F I N S L V L L V E S L R Q P E I L F N Q A H Q A S G D Q A R A L A N G V L M Y A R H I D Q L
UniRef90_B0UIC5 UniRef90_D6YB43	FNQ SHHGELGSQPKAILIAQAIVLIA YARNII IDNILIGIVLI
UniRef90_UPI000371A6A8 UniRef90_V6Z8I1	F R A P I A E Q G E R L M N M I D I A V R G L G R L L E N R G N Q A A G E Q P K A I A A S I A A E A G M V I E G N G A Q Y D S V I
UniRef90_UPI0003458DAD UniRef90_F5XTH5 UniRef90_H3SBC5	
UniRef90_P25165 UniRef90_UPI000477A4C2	F N H A N Q R Q G R Q S Q A L A S A L I Y A A A A HI D R L F G R L G H L S T G R D N S K L R G H S L T L M K N F V D A L D D V D R L F K G P M A S Q Y Q K F L D M L S L I V A R I D R P D S L
UniRef90_G6D627 UniRef90_UPI00045E96C6	FRMILIRKILI NENEFDDNHQFKAHVMSILMSSILNLAII I NILIDQP MILIAALQNVKYLENII
UniRef90_F5RBQ0 UniRef90_A3VCL8 UniRef90_UPI000376471D	F NQAHQASGDQPRALLANGVLIMY AKNI DRILI FKGNMN FQGMKI MGTUAVVVNGI HTI
UniRef90_F3MBR1 UniRef90_Q49WI6	NVF N M R H Q E R G Q Q E A L A R A V Y A Y A A N I D D P S C L F N H A N Q R E G K Q P F A L A N A V Y A A A A H I D R L N M F N Q T N Q K K G L Q S T A L A Q S V L A A A M N L D D L
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UniRef90_R7X262 UniRef90_A6GD40	LRNLFNMGNQASGAQQQSLASAVFAYA ANIDNAAA
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UniRef90_UPI00047C30DC UniRef90_UPI0002DA83D1 UniRef90_T1GF38	F G K T D M D K Q G K K L L N S L I E G L R T P E L L G A D M K A Q G Q K L M A A L G F V V G G L R K P F Q D L K D L P F K D L K D S P K F K F H S V R I M K A F D E A I Q S L G T Q L R N L F S S S Q A N G R Q P R A L A Q S V L A Y A T Y L D D L P K L
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UniRef90_A1CN79 UniRef90_A0A034WEZ5 UniRef90_L9TFS2	ALLNIF NPANQRSGGQARSILAASILAYAAH I DHL DQL F SLRNQQTGAQQIALSNAVLAAAIH I ERLQDI NTANQVNGHQARALAGALFAYASH I DDL GAL FP FKDVPI VDLNK NERFRSHVTKI MKVFDNSVNVL GAD NMSNQRNGDQREALFNAIAAYASNI ENLPAL APAAYAVFNLGANPHGTKAQAQGLKVMQFVDDCVKSLDDM
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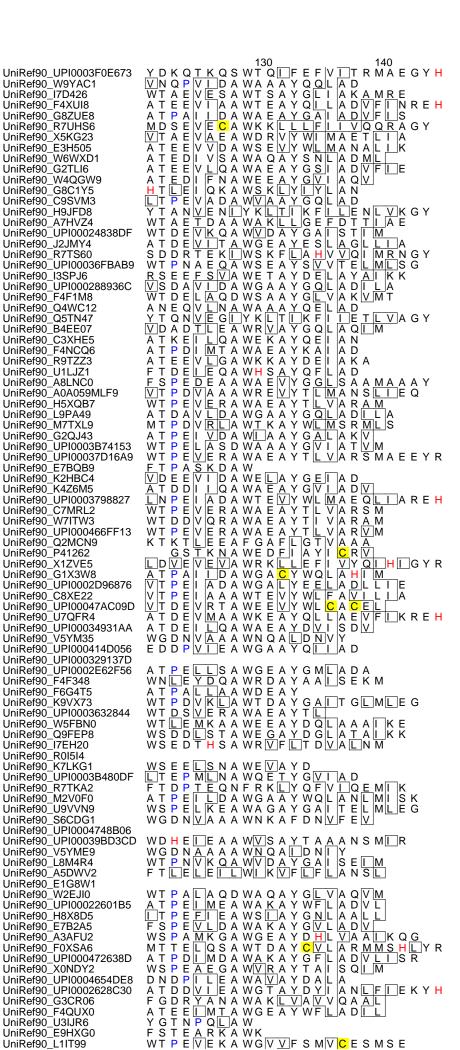
	90 100 110 120
UniRef90_K1RX51 UniRef90_U1EBY4 UniRef90_W8A1R9	I D H L H R T G A T H Q R F I D F S S E N F G K I K E P F L E A V K T L G D R S P I V P A I MVY K H C A L Q V K P E H Y P I V G E N L L WA I K E V T G L T P R D L L A R I G H K H V S L A V T E P E Y R I V H E H L F A A I V E V L G A D G E V V A T L G A I H I Q K G V V D P H F V V V K E A L L E T I K E A S G E K G P L A S Q I V N K H V A L Q I L P E H Y P I V G T C L L Q A I R E V L G K T G K M S A M L S Q F A H V G F G V G S A Q F E N V R S M F P A F V A S L S A P D E L L S R V A H K H T S L G I V E G Q Y P I V E K H L L G A I A D D L G D A G E A V E R I A Q K H T G F L I K P E Q Y A I V G K H L L A T L E E L G G D A R A L V E R I A H K H V S L M V Q P E Q Y E I V G K Y L I E A V A T V L G D A A R A A M A T A I S K H V S L G I Q P D Q Y P I V G E C L M A A I K E V L G D A A R A A M A T A I S K H V S L G I Q P D Q Y P I V G E C L M A A I G E V L G D A
UniRef90_080405 UniRef90_K6BYF0	GEVVATEGAI HIOKGVVDP HFVVVVKEALLETI KEASGEK GPLASQIVNKHVALQI LPEHYPLVGT <mark>C</mark> LLQAI REVLGKT
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UniRef90_S6CDG3 UniRef90_M7XQB8 UniRef90 T0BM64	I E T L VT E L A N N H K N R G V T K D Q F N E F R T A L T N Y V S S N A P VP A L Q D L G R K H L A Y G T R A A H Y A P V G E A L L W T L E Q G L G P D E T I L V K H I A H K H R G L G I Q P D Q Y P I V G K H L L A A I K D V L G D A
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UniRef90_V9HH89 UniRef90_U2HCD6	GEAVERIAQK HTGFLIKPEQYAIVGKHLLATLEELLGGDA RALVERIAQK HTGFLIKPEQYAIVGKHLLATLEELLGGDA EALLVHQLGQKHRSLGILPEHYPIVGQFLLAAIKEVLGDA EALLVHQLGQKKRSLGILPEHYPIVGQFLLAAIKEVLGDA REVLISLGKRHSRIJGVEVTHYELVGNAALLGEVLGDA REVLISLGKRHSRIJGVEVTHYELVGNAALLGEVLGDA GAVVDANLGPVHVQKGVTDAHFVVVKEALLKTVKEATGAK GGMVERIAEKHVGLNILPEHYPYVAEALLGALGHVLGDA GGTLHALGVRHKGFGDIRAEFFPALGMCLLDAMEEKVPPG GKVTVRESSLKHFKYGVVDEHFD VRFFAFSRSVFSSIRDL EQLLLQQLAKRHEGYGVKKAHFTPVGNALLGALQHVLGDA GGAVERIAQK HVSLEILPEHYPHVATALIGAIQHVLGDA GGAVERIAQK HVSLEILPEHYPHVATALIGAIQHVLGDA GGAVARIAHKHTSLDIRPEHYSIVGRHLATLKELGGSAA MPVVNNIGHK HTSLDIRPEHYSIVGRHLIASIQEVLGDA GALAGAVERIAHKHTIQPEQYHIVGSHLLATLKELGGAA MPVVNNIGHKHTSLDIRPEHYSIVGGRHLLATLKELGGSAA IPTLEKICANKHC SLGILPPEHYPHVAGALLKTFKELGGAA GALAGAVERIAHKHTIQPEQYHIVGGSHLLATLKELGGAA ESALS SLGKRHLKYGVKEEHFPCVGETLLKVLGDA ESALKGLGAR HVNSUGIRAEHYPPIVGGKHLLATLKELGGAA ESALKGLGAR HVNSUGIRAEHYPPIVGGKHLLATLKELGGAA ESALKGLGAR HVNSUGIRAEHYPPIVGGKHLLATLKELLGAAA ETTLVKHIANKHSSLGILPPEHYPPIVGGKHLLATLKELLGAAA ETTLVKHIANKHSSLGILPPEHYPPIVGGKHLLATLKELLAAA KAUVLGAA ETTLVKHIANKHSSLGILPPEHYPPIVGGKHLLAAIKKDVLGAA
UniRef90_X2GRE8 UniRef90_B8MAY8	O TO THE CONTRACT OF THE CONTR
UniRef90_UPI000443E9E1 UniRef90_A0A024PP82 UniRef90 C7NIJ4	
UniRef90_M5E7R5 UniRef90_E1X5F5	FSPVMERIAHKHVSLGIQGTDYLTVGHYLLEAVGTVLGDA PDHLLSRIGHKHVSLGIQGTDYLTVGHYLLEAVGTVLGDA SGAVSLIANK HSSLKIKPEHYPIVGVNLLESIKEVLGDG GPAVELICNKHA SLYIQPEQYQIVGKFLLEAMGEVLGDA EEILVRGIAQKHRALGIQPEQYPIVGENLLAAIKTVLGDA LSIFLRQLGRDHRKFGVIGGEHYDRVGEALLGALGELAGPL
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UniRef90_F5XTH5 UniRef90_H3SBC5	FNHVLRRIAYKH <mark>Č</mark> SLĞIRPEQYTIVĞRNLMAAVĞEVLĞDA EDIMVKQIGHKHRALHIQPEHYPIVGKHLLLAIKDVLGDA
UniRef90_P25165 UniRef90_UPI000477A4C2	K CV V E K F A V N H I N R Q I S A E E F G K I V G P F R A V L R I R M G D Y A Q E L S A M T R S H A G Y G V Q P H H Y E D V K D A L L W T L Q Q G L G A D
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UniRef90_C9QFU4 UniRef90_U6IR81 UniRef90_UPI00047CF7FA	A A IL. I S E RIL A Q K H I S F NIL Q A E H Y Q I V G H H L I E T L R E L A S D A Q E G F Y D S G A S H A T I P Q M K P E F F K V L K R A T L T T WE G L L G E E G G M V N R A N K H A S I E V O P E Y D L V O P UT L B A T D E C C F A
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UniRef90_C7FFV7 UniRef90_G0W9W0	A A V R D K L D V L A H R H Y P A K K E Y F G P G K A C F L A G L A D A L G A K T P L L E K Q L G H K H R A L Q L K P E H Y P L V G E Y L L K A L K E V L G D A

	420 440
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UniRef90_B8MAY8	ÎT PELH DAWAAAYWQLADLF [AK
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UniRef90_C7NIJ4	VT P E V A S A W D E V Y W L F A T Q L I A V T K D V A E A W D S V Y W L M A R L L
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UniRef90_B8C6B7 UniRef90_D2A396	WDEEHKEAWTLVYGVLSKTM YTENVENLYKITIKFILETLVKGY WTDEVKQAWVTTYNTVTNMMLEG
UniRef90_UPI00034D7B38 UniRef90_U3HM05	WT DEVKQAWVTTYNTVTNMMLEG
UniRef90_B0UIC5	ATPEIII <mark>C</mark> AAWGEAYWFILIAEILLIAAII IYR
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	WNADVQQAWITCYDALITHAM
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UniRef90_Q9UAG7 UniRef90_R7X262	VT P E V A A A W D E V Y W L F A T Q L I A A T D E I L G A W G E A Y G V I A Q A A T P E L I A A W D E A Y W L L A G E L I A
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UniRef90_G0W9W0	ATPELINAWGEAYGEIANV
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UniRef90_AUAU59MLF9 UniRef90_H5XQB7	ENI ERS WQLAQPEEIVEQEFYRLLIFHLISPSARFF
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UniRef90_R0I5I4	VFTEKQEALVKESWEKQDIPKYSLHFFSQILELAPAAKGL
UniRef90_K7LKG1	FIEKQEALVINSSFEKANLIPHHSIVVIFFNSII LIEKAPAAKNM
UniRef90_UPI0003B480DF UniRef90_R7TKA2	T Y R QL F NL R N S WK T V NL T E T S K D C I I R Y II K K Y P F H K A M
UniRef90_M2V0F0	LTPTQVQLIKSTVPVL AEHGTALTTRF YHDMLEA
UniRef90_U9VVN9	K P K A D E F V G S F Y N N L F T D Y P A A K P L
UniRef90_S6CDG1 UniRef90_UPI0004748B06	LIALEYAYIVIS GA WN KIVIK H S EVI DII LIYAVIF KAYPDII QAK
UniRef90_UPI00039BD3CD	MIQKETIRLIQESVPLLRGHKITANFYKRLFNEHPELLNI TYRQLFNLRNSWKTVNLTETSKDCLIRYLKKYPEHKAM LTPTQVQIIKSTVPVL AEHGTALTTRF YHDMLEA KPKADEFVGSFYNNLFTDYPAAKPL LTAEEYAYVSGAWNKVKHSEV DILYAVFKAYPDIQAK ADHDLVLKCWGGVEADGHGGEVLNRLFKEHPETLKL LVKESFSVVHAERATAYFYGRLFAENPHLRAM LSSDQYSLVKSTWDQVSHNEV DILYAIFKAYPDIQAK QVELLEESFEALKANEFVNSFYENLFTANPEAKPL LSQHEIDMVRYTWNKMLMEDFCRQLYMNNLLARDPELEKM LTQKQLYVLTKNWKGIDVCEAGVEMFLKLLSLHPEYYKM DTQALKDSWHLVSGDQVPLYFYSALFLANPETRDL LDDKTRSIVKACVPALEAHDITQEMYKRLLADPEVRDEVKPF MLDSQTIATVKSTIPLLAAPKLTAHFYDRMFEHNPELK FTEEQEALVLKSWAKNDSAHIGHRFFLKLFEVAPSARQL LTYKQSKLVRSTIPLLAAPKLTAHFYDRMFEHNPELK MLDSQTIATVKSTIPLLAAPKLTAHFYDRMFEHNPELK MLSDQIIQTIKETAPVLAEQQITDLFYTKLFOORD
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UniRef90_UPI000472638D	LIDDKTRAI VITACVPALEAHAI ITTEMYKRLLIAD. PAI SAL
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UniRef90_UPI0002628C30	DTEKLAI VKSSAPVNSTEI GKRFYELLIFTKVPE
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	50 60 70 90
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UniRef90_G8ZUE8	F NRVNQAKGAQPTALATTVLAAAKHIDDL
UniRef90_R7UHS6 UniRef90_X5KG23	FP FSDVWGDDLIRH PKFVLHSERFMLVVDCCVQNLECL LFNRGNQ AQGAQQRALAASIATFATHLVDPDLPH
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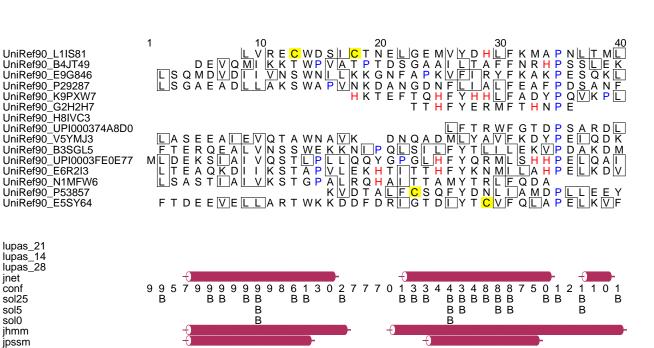


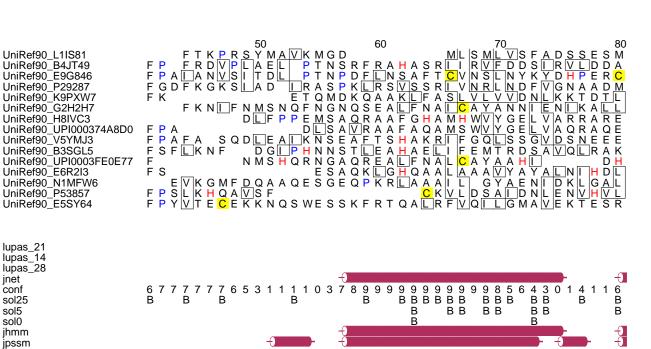
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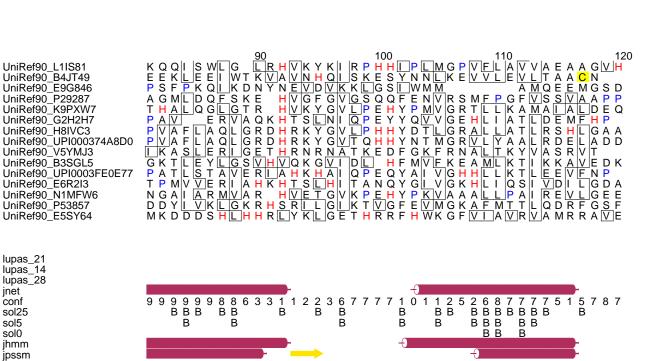
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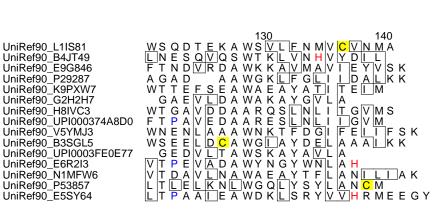
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UniRef90_UPI0002198090 UniRef90_T2JNS3	D G F L I R D L G R R H Q R F N V Q P H Q F A L L K Q A L T Q V L A R R L G S G
UniRef90_Q2IZ95 UniRef90_UPI00023B2AAF	E G N A V E Q I A H A H V N T R V I A E Q Y P V I G E C L L A A M K D L L G D A S G L L A D K L A R D H V H Y G V T A S H Y A P V G E A L L WS M R E G L G T H G I V T A R N S T L K H Y K Y D V L D E H Y E V Y I F A L L E T I K E L P V I G A L G K R H V G Y G V E Q R H Y D T V G D A L L WA L R D T L G T A M E T L I K D M A A N H K A R G I P K A Q F N E F R A S L V S Y L Q S K V S V Q T L V G Q L A A S H K A R G I S Q A Q F N E F R A S L V S Y L Q A N V A A N I L A K E L A T S H K P R G V S K D Q F T E F R T A L F T Y L K A H I N A S A V E R L A E K H V G L N I L P E H Y P Y V A D A L L G A I A H V L G D A V E Y L Q N L G R G H R K Y G T R A E H Y P A V G E C L I G A L A K Y A Q S V G P F L N R L G R G H V E F G T K A E H Y P P V G G C L I R A L K T V L G D A G D A V P R M V H K H V S L D L R A K H Y P L V G G C L L R A L K T V L G D A
UniRef90_W0RNE9 UniRef90_P02222	LPVI GALGKRHVGYGVEQRHYDTVGDALLWALRDTLGTA
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UniRef90_F3S356	ASAVERIAEK HVGUNLLPEHYPYVADALLGAIAHVLGDA
UniRef90_UPI000288F0DC UniRef90_UPI000364DB08	VEYL QNL GRGHRKYGTRAEHYPAVGECLIGALAKYAQSV LGPFLNRLGRGHVEFGTKAEHYPPVGASLLATLAHFEGEH
UniRef90_D0MR65 UniRef90_C6T2Y5	KLAL LETI KEAVPEM
UniRef90_A5FW99 UniRef90_UPI00036D3387	A G A VE R L A Q K H V A L N I L P E H Y P H V A T A L L A A L G D V L G D A G R R H A D M G V T A P M Y E A V G E C M L A A M A E L A G D A
UniRef90_P02228 UniRef90_UPI00047B7861	GRRHADMGVTAPMYEAVGECMLAAMAELAGDA GNTLLHDLGVFHKTRGITKAQFGEFRETMTAYLKGHWNAD LEPYLEGLGRDHRKFGVIDQHYAPVGTALILALRRALGER
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UniRef90_Q7N215 UniRef90_Q43789	L P A IV E K I A H K H A S L N I Q P E H Y Q I V G T H L L A T L N E M F Q P G G V V A T L G A L H V Q K G V V D P H F V V V K E A L L K T I K E A A G D K
UniRef90_W8A583 UniRef90_A0A024HJQ1	FVQQLGAHHARLGVVADHYPVAGASLLATLEHFLGDGGPLVAQIVNK HVALQILPEHYPIVGACLLRAIREVLGAE
UniRef90_B9WAR0 UniRef90_E0VN28	NEFLYQFVNENQRFSSMISQYLEPMGNALIQTFKNELSGQ LTIQLTALGKMHGKKKISEQQFQELKICILEILDNEFK
UniRef90_UPI00046EF76E UniRef90_G8YKQ9	G V V A T L G A I H V Q K G V V D P H F V V V K E A L L K T I K E A A G D K F V Q Q L G A H H A R L G V V A D H Y P V A G A S L L A T L E H F L G D G G P L V A Q I V N K H V A L Q L L P E H Y P I V G A C L L R A I R E V L G A E N E F L Y Q F V N E N Q R F S S M L S Q Y L E P M G N A L I Q T F K N E L S G Q L T I Q L T A L G K M H G K K K I S E Q Q F Q E L K C I L E I L D N E F K A M M S R I A N K H A S L G I T E D Q Y P I V Y E H L F A A I G E V L G E A D D Y M M N L A K R H S R I L N I E S S H F E L M G E A L I Q T F H E R F P G K S G A V D L I A H K H V S L G I K P E H Y P I V G Q N L I L T I Q E V L G E A A N A L A P V V E R I V H K H G L K P A H Y P I V G Q N L I L G A I S A V L G E A N A G E I R E R V R T H H P R G I S M A O F E R I L D M P M P N G I C O A G A D A C C C A G A D M P M F I O F O A G A D D M P
UniRef90_M7NY13 UniRef90_Q46WA4	S G A V D L T A H K H V S L G I K P E H Y P I V G Q N L I L T I D E V L G E A A N A L A P V V E R I V H K H G I K P A H Y P I V G R H I I G A I S A V L G E A
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UniRef90_W8AB70 UniRef90_UPI000370C764	TEYLMQLG RGHRKYGTRSTHYPAVGECLMTALERFAPRT
UniRef90_K5W0S2 UniRef90_UPI00036A91E1	PEFVAQLG RDHRRFGAVGAHYPAAGASLLATLAHFLGPR TEYLMQLG RGHRKYGTRSTHYPAVGECLMTALERFAPRT TPILVERICNKHASLHILPEQYPIVGENLLNAITQVLGAD EAIMPKRLTEKHRALGIVPEQYPIVGETLLEAVKDVLGDA KVIVNQMGQ NHKNRGVTKDQFNEFKNTFFEYM HASGD LTTFLSQLGRDHRKFDVLGRHYDAVGVALIATLKRFLKDG VQTLVGQLAASHKARGISQAQFNEFRAGLVSYVSSN VA
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