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NTDB id 1169 A1552VC RS11075 WP 000648511.1	MAKN	72
NTDB id 407574 GPY34 RS20170 WP 005493981.1	MAKNTQ.....TLPLKNYRWKGINNSGKK..VSGQMLAISIEIEVRDKLKDQHIQIKKKLKKGSVSILAR.LTHR.VKSKDITI	71
NTDB id 1402 DSB67 RS12670 WP 010643257.1	.MKTT.....TPQLKNFRWKGVNSSGKK.TSGQTLAMSETEVRERLDAQHIKIKKKLKKSSISFLT.LSHRVKVKGDITV	71
NTDB id 1112 NGFG RS09215 WP 003689811.1	.MKTI.....APQLKNYRWKGINSSGKK.TSGNVLAMTEIEVRERLDAQHIKIKKKLKKGSISFITK.ISHRVKVKGDITI	74
NTDB id 1113 AAA85695.1 219..1451()	.MAKNGGFSLF AKKEKR FIFEGRHSASDKLVNVEVSAFTEEEARKKLAKRGIRPLQITRV.....KTSSKRKITQEDITV	74
NTDB id 1252 GC085 RS07730 WP 011213805.1	.MAKNGGFSLF AKKEKR FIFEGRHSASDKLVNVEVSAFTEEEARKKLAKRGIRPLQITRV.....KTSSKRKITQEDITV	71
NTDB id 1198 PSJM300 03950 AFN76868.1	.MDKN.....SPPLILTFHYQGINKAGQK.MEGDIQARSLAIAKADLRKQGI VTNKVVKKKRKL FDR.KNKKITQADITV	70
NTDB id 1016 ACIAD RS01680 WP 004920476.1	.MAQK.....AIKNSVFTWGLDRQGAQK.IKGELSGVSPALVKAQLRKQGINPQKVRKKKSISLFS..AGKKIKPMDIAL	73
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAAKK.....TQVMPVFA YEGVDRKG I K.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKKVKPLDIAI	73
consensus	MAVKK.....AQMMPTFA YEGVDRKG I K.LKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEGLFKKKVKTTLDITI	73

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	FTRQLATM LKA GVP LVA F E I V A E G H N P M K S L M S I K V E A G T T S A L R K P Y F D L Y C N L V A G E Q S G L E I M	152
NTDB id 407574 GPY34 RS20170 WP 005493981.1	LTRQLATMITTGVPIVQALKLVGDNHRKAEMKSI LAQITKSVEAGTPLSKAMRTASAHFDTLYVDLVETGEMSGNLPVEVF	151
NTDB id 1402 DSB67 RS12670 WP 010643257.1	FTRQISTMLVTGVPLVQALKLVSDNHKKAEMKSI LMSVTRAVEAGTPMSKAMRTASNHFDPPLYTDLIATGEQSGNLAEVF	151
NTDB id 1112 NGFG RS09215 WP 003689811.1	FTRQIATMLMTGVPIVQALKLVSENHKKAEMKSI LMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNLSQVF	154
NTDB id 1113 AAA85695.1 219..1451()	FTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLESLL	154
NTDB id 1252 GC085 RS07730 WP 011213805.1	FTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLESLL	151
NTDB id 1198 PSJM300 03950 AFN76868.1	FTRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHD IETGLTLAESLIKHPLYFNE LFCNLVDAGEKSGSLDIML	150
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FTRQMATMMKAGVPL LQS FDI I GEGFDNPNMRKLVD LKQEVAAAGNSFASSLRKKPQYFDDLYCNLVDSGEQSGSLETLL	153
NTDB id 1059 ABD1 RS01610 WP 000279215.1	FTRQLATM KAGVPLVQAFEIVA EGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGSLEIML	153
consensus	FTRQLATM KAGVPLVQGF EIVA EGLENPAMREVVLG I KGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGALETML	153

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	DRLATYK E K E L R A K Y K K A L Y P A M V I L V A L G T E I M L L I K V Y P F E D V A G F G A E L P A E T Q V M S W Q Y W Y I Y L I	232
NTDB id 407574 GPY34 RS20170 WP 005493981.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIP EFESMFKGFGAELPWFTQQVLKLSHWVQAYSLWAFI	231
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ERLATYREKNEQLRAKVIKALIY PAMVILVALGVSFIMLT KVIPEFEKMFVGFGAELPWFTTRQVLDLSAWTQNWSPFTIAL	231
NTDB id 1112 NGFG RS09215 WP 003689811.1	ERLATYREKSEQLRAKVIKALIY PAMVVLVALGVSYLMLTRVIP EF EKMF TGF GADLP AFTQMVNL SAWTQNWGPFGIL	234
NTDB id 1113 AAA85695.1 219..1451()	DKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFVSYGWMVLI	234
NTDB id 1252 GC085 RS07730 WP 011213805.1	DKVATYKEKIEI IKKKIKKALTYP IAVMVVALLV TAGLLIYVVPQFESL FKGFGADLPAMTRAVITMSEFMQAYWYIIFG	231
NTDB id 1198 PSJM300 03950 AFN76868.1	DRVATYKEKTEAL KAKIKKAMNYP IAVVLVAVIVTATILLIKVVPQFQDV FANFGAELPAFTLMVIGLSEALQAWWYVVL A	230
NTDB id 1016 ACIAD RS01680 WP 004920476.1	DRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVVFQDLFTSFGADLP AFTQLVNVNMSNWMQDYWFILIL	233
NTDB id 1059 ABD1 RS01610 WP 000279215.1	DRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVVFQDLFASFGADLP AFTQMNVNMSKWMQYWFIMII	233
consensus	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIP EFESMFKGFGAELPWFTQQVLKLSHWVQAYSLWAFI	233

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	AIGAAIYSELKKRSKFR LDR LKPIGDIYKAAIARESR T L A T F A A G Y P L Y D A L K S T A G A G N V I Y E A T	312
NTDB id 407574 GPY34 RS20170 WP 005493981.1	ATIAAIFGLKALRKNSFQIRLKTSTR LGLKFPITGNVLAKASTIAKFSRTLATSFAAGIPILASLKT TAKTSGNVHFETAIN	311
NTDB id 1402 DSB67 RS12670 WP 010643257.1	GSISVFISARVLSKRSDSFRLLMNRSV LKFPVLGAVLSKAAIAKFSRTLATSFTAGIPILTS LKTTSKTS SGNMHYQLAIE	311
NTDB id 1112 NGFG RS09215 WP 003689811.1	SFVSLISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTTSKTS SGNMHYQLAIE	314
NTDB id 1113 AAA85695.1 219..1451()	ALGFAIYGLFLKARSIKIQRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEATR	314
NTDB id 1252 GC085 RS07730 WP 011213805.1	ALGFAIYRFLKLARSIKIQRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEATR	311
NTDB id 1198 PSJM300 03950 AFN76868.1	ALGGVVSFFYAKNHSLEFAQTIDRVMLKL PVI GP ILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNIIYAKATD	310
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FGVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDI LYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVFERSATN	313
NTDB id 1059 ABD1 RS01610 WP 000279215.1	VIGAATAGFLEARKRSKRFRDQLDRLVLR LPIVGDLVYKAI IARYSRTLATTFAAGVPLIDALASTAGATNNTVYEQAVL	313
consensus	AIGAVIAAFLEAKRSKRFRDGLDKLALKLPIFGDLVYKAI IARYSRTLATTFAAGVPLIDALESTAGATNNVIYEKAVM	313

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NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GCO85 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

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NTDB id 1252 GCO85 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus

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V VAMYLP^IFNLMSVLG . 408
VTAMYLP^IFNLM^SVLG . 407
LVAMYLP^IFNLGNVVA . 410
LVAMYLP^LFNLGNVVA * 410
VVAMYLP^IP^KLGSAA . 406
TIAMYLP^IP^QMGSVV . 405
VIAMYLP^IP^QMGSVV . 408
VIAMYLP^IP^QMGSVV . 408

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-  non conserved
-  similar
-  > 50% conserved