

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	MAKN	72
NTDB id 1402 DSB67 RS12670 WP 010643257.1	APPLTKFYEINSAGKVGKESAEAKLRKQGLPSKIKKKRKSLEFRSkkKITQDITY	71
NTDB id 1113 AAA85695.1 219..1451()	MAKNGGFSFLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIPLQITRV....KTSSKRKITQEDITV	74
NTDB id 1112 NGFG RS09215 WP 003689811.1	MAKNGGFSFLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIPLQITRV....KTSSKRKITQEDITV	74
NTDB id 109248 A9E95 RS07550 WP 010947252.1	MDKN.....SPPLLTFHYQGINKAGQK.MEGDIQARSLATAKADLRKQGIIVTNKVVKRRKPLFDR.KNKKITQADITV	71
NTDB id 1252 GC085 RS07730 WP 011213805.1	MDKN.....SPPLLTFHYQGINKAGQK.MEGDIQARSLATAKADLRKQGIIVTNKVVKRRKPLFDR.KNKKITQADITV	71
NTDB id 1198 PSJM300 03950 AFN76868.1	MAQK.....AIKNSVFTWGLDRQGAQK.IKGELSGVSPALVKAQLRKQGINPQKVRKKKSISLFS..AGKKIKPMDIAL	70
NTDB id 1016 ACIAD RS01680 WP 004920476.1	MAAKK.....TQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKVKPLDIAI	73
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAVKK.....AQMMPTFAVEGVDRKGVK.IKGELPAKNMALAKVTLRKQGITVRNIREKRKNILEGLFKKKVTTLDITI	73
consensus	*** * * * * ! * * ! * ! * * * * * ! * * * * * ! * * *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	FTRQLATMkAGVPLVQAFIVAGHNPMEKMTIKVEGGLAALRKHPYFDLYCNVAGFESGSEIML	152
NTDB id 1402 DSB67 RS12670 WP 010643257.1	LTRQLATMITTGVPIVQALKLVGDNHRKAEMKSIILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLIVETGEMSGNLPVEVF	151
NTDB id 1113 AAA85695.1 219..1451()	FTRQIATMLMTGVPIVQALKLVSENHKKAEKMSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNLSQVF	154
NTDB id 1112 NGFG RS09215 WP 003689811.1	FTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLESLL	154
NTDB id 109248 A9E95 RS07550 WP 010947252.1	FTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLESLL	151
NTDB id 1252 GC085 RS07730 WP 011213805.1	FSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELFCNLVDAGEKSGSLDIML	151
NTDB id 1198 PSJM300 03950 AFN76868.1	FSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELFCNLVDAGEKSGSLDIML	150
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FTRQMATMMKAGVPLQSFDIIGEGFDNPNMRKLVDDLKQVEVAGNSFASSLRKKPQYFDDLYCNLVDSGEQSGSLETLL	153
NTDB id 1059 ABD1 RS01610 WP 000279215.1	FTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGSLEIML	153
consensus	***** ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	DRVATYKEKSELKKIKKALYPVIVVAVVGTALLIKVVPFESLFAEGADLPATQVVMSSWQYWIYIFL	232
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESMFKGFGAELPWFTQQVLKLSHWVQAVSLWAFI	231
NTDB id 1113 AAA85695.1 219..1451()	ERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLLTRVIPFEKMFMTGFGADLPFTQMVLNLSAWTQNWGPFTIGL	234
NTDB id 1112 NGFG RS09215 WP 003689811.1	DKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFMMIFVLPAFKEVYANMGAELPALTQTVMMDMSDFVSYGWMVLI	234
NTDB id 109248 A9E95 RS07550 WP 010947252.1	DKVATYKEKIEIKKKIKKALTYPPIAVMVVALLVTAGLLIYVVPQFESLFKGFAGADLPAMTRAVITMSEFMQAYWYIIFG	231
NTDB id 1252 GC085 RS07730 WP 011213805.1	DKVATYKEKIEIKKKIKKALTYPPIAVMVVALLVTAGLLIYVVPQFESLFKGFAGADLPAMTRAVITMSEFMQAYWYIIFG	230
NTDB id 1198 PSJM300 03950 AFN76868.1	DRVATYKEKTEALKAKIKKAMNYPPIAVVVLVAVIVTALLIKVVPQFQDVFANFGAELPAFTLMVIGLSEALQAWWYVVLIA	233
NTDB id 1016 ACIAD RS01680 WP 004920476.1	DRVAIVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPFTQLVVMNSNMWQDYWFILIL	233
NTDB id 1059 ABD1 RS01610 WP 000279215.1	DRVAIVYKEKSELKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFASFGADLPFTQMVMNSKWMQYWFIMII	
consensus	***** ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	ALGAIYSFLAKRSFRDRILKPIGDLKAAARERTLATFAAGVPLVDALKSTAGAGNVIYEAT	312
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ATIAAIFGLKALRKNSFQIRLKTSLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	311
NTDB id 1113 AAA85695.1 219..1451()	SFVSLIISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTTSKTSGNMHYQLAIE	314
NTDB id 1112 NGFG RS09215 WP 003689811.1	ALGFAIYRFLKLKARSIKIQRMDAAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEEATR	314
NTDB id 109248 A9E95 RS07550 WP 010947252.1	ALGFAIYGFLLKLKARSIKIQRMDAAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEEATR	311
NTDB id 1252 GC085 RS07730 WP 011213805.1	ALGGIYVSFFYAKNHSLEFAQTIIDRVMLKFPVIGPILEKAAIARFARTLSITFAAGPLVEALKSVAGATGNIYAKATD	311
NTDB id 1198 PSJM300 03950 AFN76868.1	ALGGVVSFFYAKNHSLEFAQTIIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGPLVEALKSVAGATGNIYAKATD	310
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FGVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDIYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVFERSATN	313
NTDB id 1059 ABD1 RS01610 WP 000279215.1	VIGAATAGFLEARKRSKRFRDQLDLRLVLRPIVGDLVYKAIARIYSRTLATTFAAGVPLIDALASTAGATNNTVYEQAVL	313
consensus	***** ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

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NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1402 DSB67 RS12670 WP 010643257.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1112 NGFG RS09215 WP 003689811.1
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NTDB id 1252 GC085 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 1169	A1552VC RS11075 WP 000648511.1	VVAMYLPIFNLMSVLG.	408
NTDB id 1402	DSB67 RS12670 WP 010643257.1	VTAMYLPIFNLMSVLG.	407
NTDB id 1113	AAA85695.1 219..1451()	LVAMYLPIFLNLGNVVA*	410
NTDB id 1112	NGFG RS09215 WP 003689811.1	LVAMYLPIFLNLGNVVA.	410
NTDB id 109248	AQE95 RS07550 WP 010947252.1	VVAMYLPIFKLGSAAV..	406
NTDB id 1252	GC085 RS07730 WP 011213805.1	VVAMYLPIFKLGSAAV..	406
NTDB id 1198	PSJM300 03950 AFN76868.1	IIAMYLPIFQMGSVV..	405
NTDB id 1016	ACIAD RS01680 WP 004920476.1	VIAMYLPIFQMGSVV..	408
NTDB id 1059	ABD1 RS01610 WP 000279215.1	VIAMYLPIFQMGSVV..	408
consensus		***!!!!!!*!*****	

WYAMLPILFNLGSW
LHGLKMNALAG

- ☐ non conserved
- ☒ similar
- ☒ $\geq 50\%$ conserved