

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	MAKN	72
NTDB id 1402 DSB67 RS12670 WP 010643257.1	APPLTKFYEINSAGKVGKESAEAKLRKQGLPSKKKKRKSLEFRSSKKKITQDITY	71
NTDB id 1113 AAA85695.1 219..1451()	MAKNGGFSFLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIPLQITRV....KTSSKRKITQEDITV	74
NTDB id 1112 NGFG RS09215 WP 003689811.1	MAKNGGFSFLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIPLQITRV....KTSSKRKITQEDITV	74
NTDB id 193270 BE846 RS14005 WP 011215549.1	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.IKGELSGVSPALVKAQLRKQGINPQKVRKKSSISLFS..AGKKIKPMDIAL	70
NTDB id 1016 ACIAD RS01680 WP 004920476.1	MAAKK.....TQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKVKPLDIAI	73
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAVKK.....AQMMPTFAVEGVDRKGIVK.IKGELPAKNMALAKVTLRKQGITVRNIREKRKNILEGLFKKKVTTLDITI	73
consensus	*** * * * * ! * * ! * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	FTRQLATMKAQVPLVQAFIVAGHNPMEKMTIKVEGGLAALRKHPYFDLYCNVAGFESGSEIML	152
NTDB id 1402 DSB67 RS12670 WP 010643257.1	LTRQLATMTITGVPIVQALKLVGDNHRKAEMKSIILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLIVETGEMSGNLPVEVF	151
NTDB id 1113 AAA85695.1 219..1451()	FTRQIATMLMTGVPIVQALKLVSENHKKAEKMSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNLSQVF	154
NTDB id 1112 NGFG RS09215 WP 003689811.1	FTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLESLL	154
NTDB id 193270 BE846 RS14005 WP 011215549.1	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	***** ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	DRVATYKEKSELKKKKIKKALYPVIVVAVVLTALLIKVVPFESLFAEGADLPATQVVMSSWQYWIYIFL	232
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ERLATYREKSEQLRRAKVIKALIYPSMVVLVALGVSYLMLTMVIPFESMFKGFGAELPWFTQQVLKLSHWVQAVSLWAFI	231
NTDB id 1113 AAA85695.1 219..1451()	ERLATYREKSEQLRRAKVIKALIYPSMVVLVALGVSYLMLTRVIPFEEKMFTGFGADLPFTQMVNLNSAWTQNWGPFTIGL	234
NTDB id 1112 NGFG RS09215 WP 003689811.1	DKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFMMIFVLPAFKEVYANMGAELPALTQTVMMDMSDFVSYGWMVLI	234
NTDB id 193270 BE846 RS14005 WP 011215549.1	DKVATYKEKIEIKKKIKKALTYPPIAVMVVALLVTAGLLIYVVPQFESLFKGFAGADLPAMTRAVITMSEFMQAYWYIIFG	231
NTDB id 1252 GC085 RS07730 WP 011213805.1	DKVATYKEKIEIKKKIKKALTYPPIAVMVVALLVTAGLLIYVVPQFESLFKGFAGADLPAMTRAVITMSEFMQAYWYIIFG	230
NTDB id 1198 PSJM300 03950 AFN76868.1	DRVATYKEKTEALKAKIKKAMNYPPIAVVLVAVIVTALLIKVVPQFQDVAFNFGAELPAFTLMVIGLSEALQAWWYVVLIA	233
NTDB id 1016 ACIAD RS01680 WP 004920476.1	DRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPFTQLVVMNSNMWQDYWFILIL	233
NTDB id 1059 ABD1 RS01610 WP 000279215.1	DRVAIYKEKSELKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFASFGADLPFTQMVVMNSKWMQYWFIMII	
consensus	***** ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

logo

NTDB id 1169 A1552VC RS11075 WP 000648511.1	ALGAIYSEAKRSFRDRILKPIGLIKAAARERTLATFAAGVPLVDALKSTAGAGNVIYEAT	312
NTDB id 1402 DSB67 RS12670 WP 010643257.1	ATIAAIFGLKALRKNSFQIRLKTSSRLGLKFPITGNVLAKASTAKFSRTLATSFAAGIPILASLKTAKTSGNVHVFETAIN	311
NTDB id 1113 AAA85695.1 219..1451()	SFVSLIISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTTSKTSGNMHYQLAIE	314
NTDB id 1112 NGFG RS09215 WP 003689811.1	ALGFAYIRFLKLKARSIKIQRMDAAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEEATR	314
NTDB id 193270 BE846 RS14005 WP 011215549.1	ALGFAYIRFLKLKARSIKIQRMDAAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEEATR	311
NTDB id 1252 GC085 RS07730 WP 011213805.1	ALGGVYYSFFYAKNHSLEFAQTIIDRVMLKFPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNIYAKATD	311
NTDB id 1198 PSJM300 03950 AFN76868.1	ALGGVYYSFFYAKNHSLEFAQTIIDRVMLKFPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNIYAKATD	310
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FGVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDIYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVFERSATN	313
NTDB id 1059 ABD1 RS01610 WP 000279215.1	VIGAATAGFLEARKRSKRFRDQLDLRLVLRPIVGDLVYKAIARIYSRTLATTFAAGVPLIDALASTAGATNNTVYEQAVL	313
consensus	***** ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * * ! * * * * *	

logo

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
NTDB id 193270 BE846 RS14005 WP 011215549.1
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

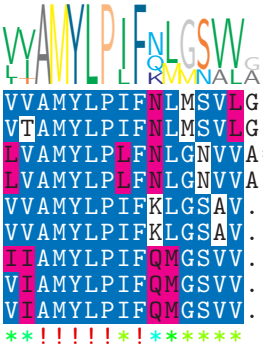


392
391
394
394
391
391
390
393
393

<0

logo

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
NTDB id 193270 BE846 RS14005 WP 011215549.1
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



408
407
410
410
406
406
405
408
408

☒ non conserved
☒ similar
☒ ≥ 50% conserved