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logo
NTDB id 1169 A1552VC RS11075 WP 000648511.1  ..MKA......TQTLPLKNYRWKGINSNGK.KVSGQMLAISEIEVRDKLKDQHIQIKKLKKGSVSLLAR.LTHRVKSKDI   70
NTDB id 1402 DSB67 RS12670 WP 010643257.1    ...MK......TIAPQLKNYRWKGINSSGK.KTSGNVLAMTEIEVRERLDAQHIKIKKLKKGSISFITK.ISHRVKGKDI   69
NTDB id 668359 MON37 RS09060 WP 039405479.1 MAQAEQKRGLFAQKNKGKRFTFEGKNTNTDQLVRGEVVAKDEEEARKKLQRRGIRPLRISKV.....KATKKRRITQEDI   75
NTDB id 1112 NGFG RS09215 WP 003689811.1     ...MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRV.....KTSSKRKITQEDI   72
NTDB id 1113 AAA85695.1 219..1451( )         ...MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRV.....KTSSKRKITQEDI   72
NTDB id 1252 GC085 RS07730 WP 011213805.1    ...MD......KNSPPLLTFHYQGINKAGQ.KMEGDIQARSLAIAKADLRKQGIVTNKVVKKRKPLFDR.KNKKITQADI   69
NTDB id 1198 PSJM300 03950 AFN76868.1        ...MA......QKAIKNSVFTWEGLDRQGA.KIKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS..AGKKIKPMDI   68
NTDB id 1016 ACIAD RS01680 WP 004920476.1    ..MAA......KKTQVMPVFAYEGVDRKGI.KLKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKKVKPLDI   71
NTDB id 1059 ABD1 RS01610 WP 000279215.1     ..MAV......KKAQMMPTFAYEGVDRKGV.KIKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEGLFKKKVTTLDI   71
consensus                                      **        *  ** * **!* * *  ** !** * ** *** *!*****   ****    *     *****  !!

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NTDB id 1169 A1552VC RS11075 WP 000648511.1  TILTRQLATMLTTGVPIVQALKLVGDNHRKAEMKSILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLVETGEMSGNLPE  150
NTDB id 1402 DSB67 RS12670 WP 010643257.1    TIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNLSQ  149
NTDB id 668359 MON37 RS09060 WP 039405479.1 TVFTRQLATMMKAGLPLMQAFEIVARGHSNPSMTEMLMQVRADVEQGSALGKSFAKYPKYFDRFYCNLIAAGEAGGVLES  155
NTDB id 1112 NGFG RS09215 WP 003689811.1     TVFTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLES  152
NTDB id 1113 AAA85695.1 219..1451( )         TVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVLES  152
NTDB id 1252 GC085 RS07730 WP 011213805.1    TVFSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELFCNLVDAGEKSGSLDI  149
NTDB id 1198 PSJM300 03950 AFN76868.1        ALFTRQMATMMKAGVPLLQSFDIIGEGFDNPNMRKLVDDLKQEVAAGNSFASSLRKKPQYFDDLYCNLVDSGEQSGSLET  148
NTDB id 1016 ACIAD RS01680 WP 004920476.1    AIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGSLEI  151
NTDB id 1059 ABD1 RS01610 WP 000279215.1     TIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGALET  151
consensus                                    ****!!**!!***!*!**!********* ** ****** ** ****!********* * *!* ****!***!! *! !**

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NTDB id 1169 A1552VC RS11075 WP 000648511.1  VFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPEFESMFKGFGAELPWFTQQVLKLSHWVQAYSLWA  230
NTDB id 1402 DSB67 RS12670 WP 010643257.1    VFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVIPEFEKMFTGFGADLPAFTQMVLNLSAWTQNWGPFI  229
NTDB id 668359 MON37 RS09060 WP 039405479.1 LLDKLAVYKEKTQAIKKKVKTALTYPISIVVVAIALIFVMMRWVLPAFKEVYSNMGAELPGMTQTVMNISDVFVEHGWIM  235
NTDB id 1112 NGFG RS09215 WP 003689811.1     LLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPPLTQTVMDMSDFFVSYGWMV  232
NTDB id 1113 AAA85695.1 219..1451( )         LLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFVSYGWMV  232
NTDB id 1252 GC085 RS07730 WP 011213805.1    MLDKVATYKEKIEIIKKKIKKALTYPIAVMVVALLVTAGLLIYVVPQFESLFKGFGADLPAMTRAVITMSEFMQAYWYII  229
NTDB id 1198 PSJM300 03950 AFN76868.1        LLDRVATYKEKTEALKAKIKKAMNYPIAVVLVAVIVTAILLIKVVPQFQDVFANFGAELPAFTLMVIGLSEALQAWWYVV  228
NTDB id 1016 ACIAD RS01680 WP 004920476.1    MLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPAFTQLVVNMSNWMQDYWFIL  231
NTDB id 1059 ABD1 RS01610 WP 000279215.1     MLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFASFGADLPAFTQMVVNMSKWMQEYWFIM  231
consensus                                    *****!*!*!!** ** !***!* !!*****!!********* !*! ! ***  *!!*!!**!* !* *!**** * ***

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NTDB id 1169 A1552VC RS11075 WP 000648511.1  FIAIAAAIFGLKALRKNSFQIRLKTSRLGLKFPIIGNVLAKASIAKFSRTLATSFAAGIPILASLKTTAKTSGNVHFETA  310
NTDB id 1402 DSB67 RS12670 WP 010643257.1    GLSFVSLLISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTTSKTSGNMHYQLA  309
NTDB id 668359 MON37 RS09060 WP 039405479.1 IIAAIGISFGIYKLHQKSPEFQKRVDAMVLRMPIFGPIIRKATIARWARTTSTLFAAGVPLVEVLKDSVAGAAGNILYEEA  315
NTDB id 1112 NGFG RS09215 WP 003689811.1     LIALGFAIYGFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEEA  312
NTDB id 1113 AAA85695.1 219..1451( )         LIALGFAIYRFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIYEEA  312
NTDB id 1252 GC085 RS07730 WP 011213805.1    FGALGGVVYSFFYAKNHSLEFAQTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNIIYAKA  309
NTDB id 1198 PSJM300 03950 AFN76868.1        LAGFVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDILYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVFRSA  308
NTDB id 1016 ACIAD RS01680 WP 004920476.1    ILVIGAAIAGFLEARKRSKRFRDQLDRLVLRLPIVGDLVYKAIIARYSRTLATTFAAGVPLIDALASTAGATNNTVYEQA  311
NTDB id 1059 ABD1 RS01610 WP 000279215.1     IIAIGAVIAAFLEAKKRSKKFRDGLDKLALKLPIFGDLVYKAIIARYSRTLATTFAAGVPLIDALESTAGATNNVIYEKA  311
consensus                                    ***********  ** *! ***  *****!**!**!*** !***!***!!****!*!!*!****!********!**** !
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logo
NTDB id 1169 A1552VC RS11075 WP 000648511.1  INEVYRDTAAGMPMYIAMRNTEAFPEMVLQMVMIGEESGQLDDMLNKVATIYEFEVDNTVDNLGKILEPLIIVFLGTVVG   390
NTDB id 1402 DSB67 RS12670 WP 010643257.1    IEEVYRDTAAGMPMYIAMRHCHVFPELVLQMVMIGEESGRLDDMLNKIAAIYEFEVDNTVDNLSKILEPLIIVFLGVVVG   389
NTDB id 668359 MON37 RS09060 WP 039405479.1 TQDIRAKVTQGLSLTSSMQSTDMFPNMVIQMTAIGEESGSLDDMLNKAAEFYEDEVDNSVSQLSALMEPIIMVVLGSIIG   395
NTDB id 1112 NGFG RS09215 WP 003689811.1     TREIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGRLSAMMEPIIIVILGLVIG   392
NTDB id 1113 AAA85695.1 219..1451( )         TREIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGWLSAMMEPIIILILGLVIG   392
NTDB id 1252 GCO85 RS07730 WP 011213805.1    TDKIREEVATGQQMFIAMENTHLFPNMVIQMVAIGEESGALEKMLSKVADFYEEEVNNAVDALSSLLEPIIMSILGILVG   389
NTDB id 1198 PSJM300 03950 AFN76868.1        TNKIKSDVSSGMQLNFSMRTTGTFPSMAVQMTAIGEESGALDEMLSKVATFYEDEVDNMVDGLTALMEPMIMAVLGVLVG   388
NTDB id 1016 ACIAD RS01680 WP 004920476.1    VLKIREDVSTGQQLNFAMRVSNRFPTMAIQMVAIGEESGALDEMLDKVANYYESEVDHAVDGLTSMMEPLIMAILGILVG   391
NTDB id 1059 ABD1 RS01610 WP 000279215.1     VMKIREDVATGQQLQFAMRISNRFPSMAIQMVAIGEESGALDSMLDKVATYYENEVDNAVDGLTSMMEPLIMAILGVLVG   391
consensus                                    * *** **  !* *  *!* * *!! ***!!**!!!!!! !**!!*!*! *!!*!!***!* !* **!!*!***!!***!
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<0
logo
NTDB id 1169 A1552VC RS11075 WP 000648511.1  GLVVAMYLPIFNLMSVLG.   408
NTDB id 1402 DSB67 RS12670 WP 010643257.1    GLVTAMYLPIFNLMSVLG.   407
NTDB id 668359 MON37 RS09060 WP 039405479.1 TILVAMYLPLFNLGNVVG.   413
NTDB id 1112 NGFG RS09215 WP 003689811.1     TLLVAMYLPLFNLGNVVA.   410
NTDB id 1113 AAA85695.1 219..1451( )         TLLVAMYLPLFNLGNVVA*   410
NTDB id 1252 GCO85 RS07730 WP 011213805.1    GLVVAMYLPIFKLGSAV..   406
NTDB id 1198 PSJM300 03950 AFN76868.1        GLIIAMYLPIFQMGSVV..   405
NTDB id 1016 ACIAD RS01680 WP 004920476.1    GLVIAMYLPIFQMGSVV..   408
NTDB id 1059 ABD1 RS01610 WP 000279215.1     GLVIAMYLPIFQMGSVV..   408
consensus                                    ****!!!!!*!******
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X non conserved

X similar

X $\geq$ 50% conserved