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logo
NTDB id 1169 A1552VC RS11075 WP 000648511.1    ...........MKATQTLPLKNYRWKGINSNGKK.VSGQMLAISEIEVRDKLKDQHIQIKKLKKGSVSLLAR.LTHRVKS    67
NTDB id 1402 DSB67 RS12670 WP 010643257.1      ...........MKTIAPQLKNYRWKGINSSGKK.TSGNVLAMTEIEVRERLDAQHIKIKKLKKGSISFITK.ISHRVKG    66
NTDB id 1112 NGFG RS09215 WP 003689811.1       ......MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRV.....KTSSKRKITQ    69
NTDB id 1113 AAA85695.1 219..1451( )           ......MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRV.....KTSSKRKITQ    69
NTDB id 1032576 AB8E26 RS12550 WP 369968047.1 MSVSRSAIKKEPVARSTMELQPFVWEGTDKRGIK.MKGEQPAKNANLLRAELRRMGITPNVVKPKPKPLFGA.AGKAVGA    78
NTDB id 1252 GC085 RS07730 WP 011213805.1      ...........MDKNSPPLLTFHYQGINKAGQK.MEGDIQARSLAIAKADLRKQGIVTNKVVKKRKPLFDR.KNKKITQ    66
NTDB id 1198 PSJM300 03950 AFN76868.1          ...........MAQKAIKNSVFTWEGLDRQGAK.IKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS..AGKKIKP    65
NTDB id 1016 ACIAD RS01680 WP 004920476.1      ...........MAAKKTQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKKVKP    68
NTDB id 1059 ABD1 RS01610 WP 000279215.1       ...........MAVKKAQMMPTFAYEGVDRKGVK.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEGLFKKKVTT    68
consensus                                                 *  *  * **!* * * ! * !** * *  ***  !*****    ****   *       ***

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NTDB id 1169 A1552VC RS11075 WP 000648511.1    KDITILTRQLATMLTTGVPIVQALKLVGDNHRKAEMKSILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLVETGEMSGN    147
NTDB id 1402 DSB67 RS12670 WP 010643257.1      KDITIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGN    146
NTDB id 1112 NGFG RS09215 WP 003689811.1       EDITVFTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV    149
NTDB id 1113 AAA85695.1 219..1451( )           EDITVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV    149
NTDB id 1032576 AB8E26 RS12550 WP 369968047.1 RDISFFSRQMATMMKSGVPIVSALEIIGSGHKNPRMKKMVDSIRTDIEGGSSLHEAISRHPVQFDELYRNLVKAGEGAGV    158
NTDB id 1252 GC085 RS07730 WP 011213805.1      ADITVFSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELFCNLVDAGEKSGS    146
NTDB id 1198 PSJM300 03950 AFN76868.1          MDIALFTRQMATMMKAGVPLLQSFDIIGEGFDNPNMRKLVDDLKQEVAAGNSFASSLRKKPQYFDDLYCNLVDSGEQSGS    145
NTDB id 1016 ACIAD RS01680 WP 004920476.1      LDIAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGS    148
NTDB id 1059 ABD1 RS01610 WP 000279215.1       LDITIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGA    148
consensus                                       !!****!!**!!***!*!************ ** ****** ** ****!***  **** * *!* ****!***!! *!

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NTDB id 1169 A1552VC RS11075 WP 000648511.1    LPEVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPEFESMFKGFGAELPWFTQQVLKLSHWVQAYS    227
NTDB id 1402 DSB67 RS12670 WP 010643257.1      LSQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVIPEFEKMFTGFGADLPAFTQMVLNLSAWTQNWG    226
NTDB id 1112 NGFG RS09215 WP 003689811.1       LESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPPLTQTVMDMSDFFVSYG    229
NTDB id 1113 AAA85695.1 219..1451( )           LESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFVSYG    229
NTDB id 1032576 AB8E26 RS12550 WP 369968047.1 LETVLDTVATYKENIEALKGKIKKAMFYPAMVVVALLVSAILLIFVVPQFEEVFKGFGAELPAFTQMIVGMSRFMVSYW    238
NTDB id 1252 GC085 RS07730 WP 011213805.1      LDIMLDKVATYKEKIEIIKKKIKKALTYPIAVMVVALLVTAGLLIYVVPQFESLFKGFGADLPAMTRAVITMSEFMQAYW    226
NTDB id 1198 PSJM300 03950 AFN76868.1          LETLLDRVATYKEKTEALKAKIKKAMNYPIAVVLVAVIVTATILLIKVVPQFQDVFANFGAELPAFTLMVIGLSEALQAWW    225
NTDB id 1016 ACIAD RS01680 WP 004920476.1      LEIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPAFTQLVVNMSNWMQDYW    228
NTDB id 1059 ABD1 RS01610 WP 000279215.1       LETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFASFGADLPAFTQMVVNMSKWMQEYW    228
consensus                                      !*******!*!*!*** ** !***!* !!  !**!!**** **** !*! ! ***  *!!*!!**!**** *! *** **

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NTDB id 1169 A1552VC RS11075 WP 000648511.1    LWAFIAIAAAIFGLKALRKNSFQIRLKTSRLGLKFPIIGNVLAKASIAKFSRTLATSFAAGIPILASLKTTAKTSGNVHF    307
NTDB id 1402 DSB67 RS12670 WP 010643257.1      PFIGLSFVSLLISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKTTSKTSGNMHY    306
NTDB id 1112 NGFG RS09215 WP 003689811.1       WMVLIALGFAIYGFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIY    309
NTDB id 1113 AAA85695.1 219..1451( )           WMVLIALGFAIYRFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIY    309
NTDB id 1032576 AB8E26 RS12550 WP 369968047.1 WLMAIIVGGSIAGFIFAYKRSPAMQHTMDRWILKFPVIGEIMNNSAIARFSRTTAVTFKAGVPLVEALGIVAGATGNKVY    318
NTDB id 1252 GC085 RS07730 WP 011213805.1      YIIFGALGGVVYSFFYAKNHSLEFAQTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNIIY    306
NTDB id 1198 PSJM300 03950 AFN76868.1          YVVLAGFVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDILYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVF    305
NTDB id 1016 ACIAD RS01680 WP 004920476.1      FILILVIGAAIAGFLEARKRSKRFRDQLDRLVLRLPIVGDLVYKAIIARYSRTLATTFAAGVPLIDALASTAGATNNTVY    308
NTDB id 1059 ABD1 RS01610 WP 000279215.1       FIMIIAIGAVIAAFLEAKKRSKKFRDGLDKLALKLPIFGDLVYKAIIARYSRTLATTFAAGVPLIDALESTAGATNNVIY    308
consensus                                      *************** ** *! ***  *****!**!**!*** ** *!***!!****!*!!*!****! *******!***
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NTDB id 1169 A1552VC RS11075 WP 000648511.1     ETAINEVYRDTAAGMPMYIAMRNTEAFPEMVLQMVMIGEESGQLDDMLNKVATIYEFEVDNTVDNLGKILEPLIIVFLGT   387
NTDB id 1402 DSB67 RS12670 WP 010643257.1       QLAIEEVYRDTAAGMPMYIAMRHCHVFPELVLQMVMIGEESGRLDDMLNKIAAIYEFEVDNTVDNLSKILEPLIIVFLGV   386
NTDB id 1112 NGFG RS09215 WP 003689811.1        EEATREIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGRLSAMMEPIIIVILGL   389
NTDB id 1113 AAA85695.1 219..1451( )            EEATREIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGWLSAMMEPIIILILGL   389
NTDB id 1032576 AB8E26 RS12550 WP 369968047.1  EEAVLRMRDDVSVGYPVNMAMKQVNRFPHMVIQMTAIGEEAGALDTMLFKVAEYYEQEVNNAVDALSSLLEPMIMVFIGT   398
NTDB id 1252 GC085 RS07730 WP 011213805.1       AKATDKIREEVATGQQMFIAMENTHLFPNMVIQMVAIGEESGALEKMLSKVADFYEEEVNNAVDALSSLLEPIIMSILGI   386
NTDB id 1198 PSJM300 03950 AFN76868.1           RSATNKIKSDVSSGMQLNFSMRTTGTFPSMAVQMTAIGEESGALDEMLSKVATFYEDEVDNMVDGLTALMEPMIMAVLGV   385
NTDB id 1016 ACIAD RS01680 WP 004920476.1       EQAVLKIREDVSTGQQLNFAMRVSNRFPTMAIQMVAIGEESGALDEMLDKVANYYESEVDHAVDGLTSMMEPLIMAILGI   388
NTDB id 1059 ABD1 RS01610 WP 000279215.1        EKAVMKIREDVATGQQLQFAMRISNRFPSMAIQMVAIGEESGALDSMLDKVATYYENEVDNAVDGLTSMMEPLIMAILGV   388
consensus                                       * !* *** **  !* *  *!* *  !! ***!!**!!!!*!*!**!! !*! *!! !!***!**!* **!!*!****!*

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NTDB id 1169 A1552VC RS11075 WP 000648511.1     VVGGLVVAMYLPIFNLMSVLG.   408
NTDB id 1402 DSB67 RS12670 WP 010643257.1       VVGGLVTAMYLPIFNLMSVLG.   407
NTDB id 1112 NGFG RS09215 WP 003689811.1        VIGTLLVAMYLPLFNLGNVVA.   410
NTDB id 1113 AAA85695.1 219..1451( )            VIGTLLVAMYLPLFNLGNVVA*   410
NTDB id 1032576 AB8E26 RS12550 WP 369968047.1  IVGGMVIGMYLPIFKLGAVVG.   419
NTDB id 1252 GC085 RS07730 WP 011213805.1       LVGGLVVAMYLPIFKLGSAV..   406
NTDB id 1198 PSJM300 03950 AFN76868.1           LVGGLIIAMYLPIFQMGSVV..   405
NTDB id 1016 ACIAD RS01680 WP 004920476.1       LVGGLVIAMYLPIFQMGSVV..   408
NTDB id 1059 ABD1 RS01610 WP 000279215.1        LVGGLVIAMYLPIFQMGSVV..   408
consensus                                       **!*****!!!!*!******
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X non conserved
X similar
X ≥ 50% conserved