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logo
NTDB id 1029 TT RS02230 WP 011228203.1          ...................MPVYQYKARDRQGRL.VEATIEAEDLRTAARLLRDRGLFVAEIKEPGKGLQAEVRIPALERG   61
NTDB id 1169 A1552VC RS11075 WP 000648511.1     ..........MKATQTLPLKNYRWKGINSNGKK.VSGQMLAISEIEVRDKLKDQHIQIKKLKKGSVSLLAR.....LTHR   64
NTDB id 1402 DSB67 RS12670 WP 010643257.1       ..........MKTIAPQLKNYRWKGINSSGKK.TSGNVLAMTEIEVRERLDAQHIKIKKLKKGSISFITK.....ISHR   63
NTDB id 1112 NGFG RS09215 WP 003689811.1        .MAKNGGF....SLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKRK   66
NTDB id 1113 AAA85695.1 219..1451( )            .MAKNGGF....SLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKRK   66
NTDB id 197531 XCCCN03 RS05340 WP 129589289.1  MAAVRGAVKSKPTSQVEQMSAFVWEGTDKRGVK.MKGEQTSKNPNLLRAELRRQGITPTVVKAKPKPLFGA.....AGKK   74
NTDB id 1252 GC085 RS07730 WP 011213805.1       ..........MDKNSPPLLTFHYQGINKAGQK.MEGDIQARSLAIAKADLRKQGIVTNKVVKKRKPLFDR.....KNKK   63
NTDB id 1198 PSJM300 03950 AFN76868.1           ..........MAQKAIKNSVFTWEGLDRQGAK.IKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS......AGKK   62
NTDB id 1016 ACIAD RS01680 WP 004920476.1       ..........MAAKKTQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEG....LLKKK   65
NTDB id 1059 ABD1 RS01610 WP 000279215.1        ..........MAVKKAQMMPTFAYEGVDRKGVK.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKK   65
consensus                                                  *  *  * ****** * * * *** * *  ***  !***** *  ****** *           **

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NTDB id 1029 TT RS02230 WP 011228203.1          PGLKDLAIFSRQLATMLGAGLTLLQALAILERQTENRKFREILKQVRTDVEGGMAFSEALSKHK.IFSRLYVNLVRAGET  140
NTDB id 1169 A1552VC RS11075 WP 000648511.1     VKSKDITILTRQLATMLTTGVPIVQALKLVGDNHRKAEMKSILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLVETGEM  144
NTDB id 1402 DSB67 RS12670 WP 010643257.1       VKGKDITIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQ  143
NTDB id 1112 NGFG RS09215 WP 003689811.1        ITQEDITVFTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGET  146
NTDB id 1113 AAA85695.1 219..1451( )            ITQEDITVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGET  146
NTDB id 197531 XCCCN03 RS05340 WP 129589289.1  ITAKDISFFSRQMATMMKSGVPIVGALEIICSGQKNPRMRTMVGQIRTDIEGGSSLHEAVSKHPVQFDELYRNLVKAGEG  154
NTDB id 1252 GC085 RS07730 WP 011213805.1       ITQADITVFSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELFCNLVDAGEK  143
NTDB id 1198 PSJM300 03950 AFN76868.1           IKPMDIALFTRQMATMMKAGVPLLQSFDIIGEGFDNPNMRKLVDDLKQEVAAGNSFASSLRKKPQYFDDLYCNLVDSGEQ  142
NTDB id 1016 ACIAD RS01680 WP 004920476.1       VKPLDIAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQ  145
NTDB id 1059 ABD1 RS01610 WP 000279215.1        VTTLDITIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQ  145
consensus                                       **  !*****!!**!!***!*************  ** ****** ** ****!**** ****** *!* ****!***!!

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NTDB id 1029 TT RS02230 WP 011228203.1          SGGLDLILDRLASFLEKELELRGKIRSAMTYPVIVFVFAVGVAYFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDLLR  220
NTDB id 1169 A1552VC RS11075 WP 000648511.1     SGNLPEVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPEFESMFKGFGAELPWFTQQVLKLSHWVQ  224
NTDB id 1402 DSB67 RS12670 WP 010643257.1       SGNLSQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVIPEFEKMFTGFGADLPAFTQMVLNLSAWTQ  223
NTDB id 1112 NGFG RS09215 WP 003689811.1        GGVLESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPPLTQTVMDMSDFFV  226
NTDB id 1113 AAA85695.1 219..1451( )            GGVLESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFV  226
NTDB id 197531 XCCCN03 RS05340 WP 129589289.1  AGVLETVLDTIASYKENIEALKGKIKKALFYPAMVVAVALLVSAILLIFVVPQFEDVFRGFGAELPAFTQMIVNMSRFMV  234
NTDB id 1252 GC085 RS07730 WP 011213805.1       SGSLDIMLDKVATYKEKIEIIKKKIKKALTYPIAVMVVALLVTAGLLIYVVPQFESLFKGFGADLPAMTRAVITMSEFMQ  223
NTDB id 1198 PSJM300 03950 AFN76868.1           SGSLETLLDRVATYKEKTEALKAKIKKAMNYPIAVVLVAVIVTAILLIKVVPQFQDVFANFGAELPAFTLMVIGLSEALQ  222
NTDB id 1016 ACIAD RS01680 WP 004920476.1       SGSLEIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPAFTQLVVNMSNWMQ  225
NTDB id 1059 ABD1 RS01610 WP 000279215.1        SGALETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFASFGADLPAFTQMVVNMSKWMQ  225
consensus                                       *! !******!***!*** ***!***!* !!* !***!********* **! ! ***  *!**!!**!**** *!****
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NTDB id 1029 TT RS02230 WP 011228203.1          AATLPLLLLAVALFFAYRW.YYGTPQGRRVIDRLKLRLPVFGNLNRKTAVARFSRTLALLLSSGVNIVEALDITKGTAGN   299
NTDB id 1169 A1552VC RS11075 WP 000648511.1     AYSLWAFIAIAAAIFGLKALRKNSFQIRLKTSRLGLKFPIIGNVLAKASIAKFSRTLATSFAAGIPILASLKTTAKTSGN   304
NTDB id 1402 DSB67 RS12670 WP 010643257.1       NWGPFIGLSFVSLLISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKITSKTSGN   303
NTDB id 1112 NGFG RS09215 WP 003689811.1        SYGWMVLIALGFAIYGFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGN   306
NTDB id 1113 AAA85695.1 219..1451( )            SYGWMVLIALGFAIYRFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGN   306
NTDB id 197531 XCCCN03 RS05340 WP 129589289.1  SWWWLILFVAIGAVVGFIFAYKRSPSMQHGMDRLILKVPIIGQVMHNSSIARFARTTAVTFKAGVPLVEALSIVAGATGN   314
NTDB id 1252 GCO85 RS07730 WP 011213805.1      AYWYIIFGALGGVVYSFFYAKNHSLEFAQTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGN   303
NTDB id 1198 PSJM300 03950 AFN76868.1           AWWYVVLAGFVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDILYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGN   302
NTDB id 1016 ACIAD RS01680 WP 004920476.1      DYWFILILVIGAAIAGFLEARKRSKRFRDQLDRLVLRLPIVGDLVYKAIIARYSRTLATTFAAGVPLIDALASTAGATNN   305
NTDB id 1059 ABD1 RS01610 WP 000279215.1        EYWFIMIIAIGAVIAAFLEAKKRSKKFRDGLDKLALKLPIFGDLVYKAIIARYSRTLATTFAAGVPLIDALESTAGATNN   305
consensus                                        ***************** ** ** ***  ****!**!**!*** ****!***!!*******!******!********!
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NTDB id 1029 TT RS02230 WP 011228203.1          SVVEEIVEAAKLKIQQGDPLNLTLAQHPFVFPPMVSSMVAIGEETGALDTMLSKVADFYEREVDEAVASLIAAIEPLMII   379
NTDB id 1169 A1552VC RS11075 WP 000648511.1     VHFETAINEVYRDTAAGMPMYIAMR.NTEAFPEMVLQMVMIGEESGQLDDMLNKVATIYEFEVDNTVDNLGKILEPLIIV   383
NTDB id 1402 DSB67 RS12670 WP 010643257.1       MHYQLAIEEVYRDTAAGMPMYIAMR.HCHVFPELVLQMVMIGEESGRLDDMLNKIAAIYEFEVDNTVDNLSKILEPLIIV   382
NTDB id 1112 NGFG RS09215 WP 003689811.1        LIYEEATREIRTRVIQGLSMTSGMR.ATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGRLSAMMEPIIIV   385
NTDB id 1113 AAA85695.1 219..1451( )            LIYEEATREIRTRVIQGLSMTSGMR.ATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGWLSAMMEPIIIL   385
NTDB id 197531 XCCCN03 RS05340 WP 129589289.1  SVYEAAVLRMRDDVSVGYPVNVAMK.QVNLFPHMVVQMTAIGEEAGALDAMLFKVAEYFEQEVNNAVDALSSLIEPLIMV   393
NTDB id 1252 GCO85 RS07730 WP 011213805.1      IIYAKATDKIREEVATGQQMFIAME.NTHLFPNMVIQMVAIGEESGALEKMLSKVADFYEEEVNNAVDALSSLLEPIIMS   382
NTDB id 1198 PSJM300 03950 AFN76868.1           VVFRSATNKIKSDVSSGMQLNFSMR.TTGTFPSMAVQMTAIGEESGALDEMLSKVATFYEDEVDNMVDGLTALMEPMIMA   381
NTDB id 1016 ACIAD RS01680 WP 004920476.1      TVYEQAVLKIREDVSTGQQLNFAMR.VSNRFPTMAIQMVAIGEESGALDEMLDKVANYYESEVDHAVDGLTSMMEPLIMA   384
NTDB id 1059 ABD1 RS01610 WP 000279215.1        VIYEKAVMKIREDVATGQQLQFAMR.ISNRFPSMAIQMVAIGEESGALDSMLDKVATYYENEVDNAVDGLTSMMEPLIMA   384
consensus                                       **** ** *** **  !* ******  * *!! ****!**!!!!*!*!**!! !*!***! !!***!**!* **!!****
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NTDB id 1029 TT RS02230 WP 011228203.1          FLGVIVGMIVAGMFLPLFKIIGTLSVQ   406
NTDB id 1169 A1552VC RS11075 WP 000648511.1     FLGTVVGGLVVAMYLPIFNLMSVLG..   408
NTDB id 1402 DSB67 RS12670 WP 010643257.1       FLGVVVGGLVTAMYLPIFNLMSVLG..   407
NTDB id 1112 NGFG RS09215 WP 003689811.1        ILGLVIGTLLVAMYLPLFNLGNVVA..   410
NTDB id 1113 AAA85695.1 219..1451( )            ILGLVIGTLLVAMYLPLFNLGNVVA*.   410
NTDB id 197531 XCCCN03 RS05340 WP 129589289.1  FIGTIVGGMVIGMYLPIFKLASVVG..   418
NTDB id 1252 GCO85 RS07730 WP 011213805.1      ILGILVGGLVVAMYLPIFKLGSAV...   406
NTDB id 1198 PSJM300 03950 AFN76868.1           VLGVLVGGLIIAMYLPIFQMGSVV...   405
NTDB id 1016 ACIAD RS01680 WP 004920476.1      ILGILVGGLVIAMYLPIFQMGSVV...   408
NTDB id 1059 ABD1 RS01610 WP 000279215.1        ILGVLVGGLVIAMYLPIFQMGSVV...   408
consensus                                       **!***!*****!*!!*!******
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X non conserved

X similar

X ≥ 50% conserved