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logo
NTDB id 1169 A1552VC RS11075 WP 000648511.1  ...............MKATQTLPLKNYRWKGINSNG.KKVSGQMLAISEIEVRDKLKDQHIQIKKLKKGSVSLLAR.LTHR   64
NTDB id 1402 DSB67 RS12670 WP 010643257.1    ...............MKTIAPQLKNYRWKGINSSG.KKTSGNVLAMTEIEVRERLDAQHIKIKKLKKGSISFITK.ISHR   63
NTDB id 1113 AAA85695.1 219..1451( )         ......MAKNGG...FSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....TSSKRK   66
NTDB id 1112 NGFG RS09215 WP 003689811.1     ......MAKNGG...FSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....TSSKRK   66
NTDB id 27604 SBAL RS20245 WP 011848006.1   MATATTTRKSRTKKTEQKSQPKIYTFEWKGLNRDG.KKTAGELRGATAAEIRSQLKSQGVNPKSVRKQSSALFK.LGDPK   78
NTDB id 1252 GC085 RS07730 WP 011213805.1    ...............MDKNSPPLLTFHYQGINKAG.QKMEGDIQARSLAIAKADLRKQGIVTNKVVKKRKPLFDR.KNKK   63
NTDB id 1198 PSJM300 03950 AFN76868.1        ...............MAQKAIKNSVFTWEGLDRQG.AKIKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS..AGKK   62
NTDB id 1016 ACIAD RS01680 WP 004920476.1    ...............MAAKKTQVMPVFAYEGVDRKG.IKLKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKK   65
NTDB id 1059 ABD1 RS01610 WP 000279215.1     ...............MAVKKAQMMPTFAYEGVDRKG.VKIKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEGLFKKK   65
consensus                                                   *  *  * **!* * * *** !** * * ****  !*****  * *** *  *      **

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NTDB id 1169 A1552VC RS11075 WP 000648511.1  VKSKDITILTRQLATMLTTGVPIVQALKLVGDNHRKAEMKSILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLVETGEM   144
NTDB id 1402 DSB67 RS12670 WP 010643257.1    VKGKDITIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQ   143
NTDB id 1113 AAA85695.1 219..1451( )         ITQEDITVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGET   146
NTDB id 1112 NGFG RS09215 WP 003689811.1     ITQEDITVFTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGET   146
NTDB id 27604 SBAL RS20245 WP 011848006.1   ITPMDIAVITRQIATMLAAGVPLVTTIELLGRGHEKAKVRELLGNILSEIQSGIPLSDAMRPHRRYFDELYVDLVAAGEH   158
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 1169 A1552VC RS11075 WP 000648511.1  SGNLPEVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVIPEFESMPKGFGAELPWFTQQVLKLSHWVQ   224
NTDB id 1402 DSB67 RS12670 WP 010643257.1    SGNLSQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVIPEFEKMFTGFGADLPAFTQMVLNLSAWTQ   223
NTDB id 1113 AAA85695.1 219..1451( )         GGVLESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFV   226
NTDB id 1112 NGFG RS09215 WP 003689811.1     GGVLESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPPLTQTVMDMSDFFV   226
NTDB id 27604 SBAL RS20245 WP 011848006.1   SGSLDLVFDRVATYREKSEALKSKIKKAMFYPAAVVIVAILVTSLLLFVVPQFEEIFKGFGAELPAFTQLVLHISRGLQ   238
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 1169 A1552VC RS11075 WP 000648511.1  AYSLWAFIAIAAAIFGLKALRKNSFQIRLKTSRLGLKFPIIGNVLAKASIAKFSRTLATSFAAGIPILASLKTTAKTSGN   304
NTDB id 1402 DSB67 RS12670 WP 010643257.1    NWGPFIGLSFVSLLISGKIMSQRSDSFRLLAARSSLRVPILGPVLSKAAIAKFSRTLATSFSAGIPILTALKITSKTSGN   303
NTDB id 1113 AAA85695.1 219..1451( )         SYGWMVLIALGFAIYRFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGN   306
NTDB id 1112 NGFG RS09215 WP 003689811.1     SYGWMVLIALGFAIYGFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGN   306
NTDB id 27604 SBAL RS20245 WP 011848006.1   SSWYIFLAAIIGGVFLFVRAHRNSQIVRDRVDEAVLKIPAIGSILHKGAMARFARTLATTFAAGVPLIDGLESAAGASGN   318
NTDB id 1252 GC085 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 1169 A1552VC RS11075 WP 000648511.1   VHFETAINEVYRDTAAGMPMYIAMRNTEAFPEMVLQMVMIGEESGQLDDMLNKVATIYEFEVDNTVDNLGKILEPLIIVF   384
NTDB id 1402 DSB67 RS12670 WP 010643257.1     MHYQLAIEEVYRDTAAGMPMYIAMRHCHVFPELVLQMVMIGEESGRLDDMLNKIAAIYEFEVDNTVDNLSKILEPLIIVF   383
NTDB id 1113 AAA85695.1 219..1451( )          LIYEEATREIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGWLSAMMEPIIILI   386
NTDB id 1112 NGFG RS09215 WP 003689811.1      LIYEEATREIRTRVIQGLSMTSGMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGRLSAMMEPIIIVI   386
NTDB id 27604 SBAL RS20245 WP 011848006.1     AVYRKAILKIRQEVMAGMQMNVAMQTTGLFPDMLVQMVMIGEESGSLDNMLNKVSTIYEMQVDDAVDGLSSLIEPIMMVV   398
NTDB id 1252 GC085 RS07730 WP 011213805.1     IIYAKATDKIREEVATGQQMFIAMENTHLFPNMVIQMVAIGEESGALEKMLSKVADFYEEEVNNAVDALSSLLEPIIMSI   383
NTDB id 1198 PSJM300 03950 AFN76868.1         VVFRSATNKIKSDVSSGMQLNFSMRTTGTFPSMAVQMTAIGEESGALDEMLSKVATFYEDEVDNMVDGLTALMEPMIMAV   382
NTDB id 1016 ACIAD RS01680 WP 004920476.1     TVYEQAVLKIREDVSTGQQLNFAMRVSNRFPTMAIQMVAIGEESGALDEMLDKVANYYESEVDHAVDGLTSMMEPLIMAI   385
NTDB id 1059 ABD1 RS01610 WP 000279215.1      VIYEKAVMKIREDVATGQQLQFAMRISNRFPSMAIQMVAIGEESGALDSMLDKVATYYENEVDNAVDGLTSMMEPLIMAI   385
consensus                                     **** !* *** **  !***  *!* * *!! ***!!* !!!!!! !**!!*!** *!! *!***!**!* **!!*****
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NTDB id 1169 A1552VC RS11075 WP 000648511.1   LGTVVGGLVVAMYLPIFNLMSVLG.   408
NTDB id 1402 DSB67 RS12670 WP 010643257.1     LGVVVGGLVTAMYLPIFNLMSVLG.   407
NTDB id 1113 AAA85695.1 219..1451( )          LGLVIGTLLVAMYLPLFNLGNVVA*   410
NTDB id 1112 NGFG RS09215 WP 003689811.1      LGLVIGTLLVAMYLPLFNLGNVVA.   410
NTDB id 27604 SBAL RS20245 WP 011848006.1     IGTVVGGLIVAMYLPIFQMGKIVS.   422
NTDB id 1252 GC085 RS07730 WP 011213805.1     LGILVGGLVVAMYLPIFKLGSAV..   406
NTDB id 1198 PSJM300 03950 AFN76868.1         LGVLVGGLIIAMYLPIFQMGSVV..   405
NTDB id 1016 ACIAD RS01680 WP 004920476.1     LGILVGGLVIAMYLPIFQMGSVV..   408
NTDB id 1059 ABD1 RS01610 WP 000279215.1      LGVLVGGLVIAMYLPIFQMGSVV..   408
consensus                                     *!***!*!**!!!!!*!******
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X non conserved
X similar
X ≥ 50% conserved