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logo
NTDB id 613 LCA RS05340 WP 231952379.1      MM..WQDYWQRYRRFWWVPCLVL.LGIIAGGFYWHQSQQKQKVTQNEQL.....LATSASKT.......KPATKKTHQAATKKKG   70
NTDB id 300 STER RS07485 WP 011681496.1     MKEKILAYVKDNRL..FVSVIAV.LMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKVKSK   82
NTDB id 41070 SGPB RS02990 WP 013851600.1   MIEEIKEKLLENKT..LAAVLGIILVMIIGFFAWLNVTKTTADAQN....DLPALSTTFSTSS....SASDLKTERSSSQTETQK   75
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .MESIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPHTPVKETN....LQAEVVAISKDSS....TEKDVKKEEKEEPVEQDL   73
NTDB id 493 SM12261 RS04300 WP 000387351.1  .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVVAVSKDSV....SEKEVKKEEKEEPLEQDL   73
NTDB id 153 SP RS04730 WP 000387344.1       .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDSS....TEKEVKKEEKEEPLEQDL   73
NTDB id 263 KZH43 RS04195 WP 000387330.1    .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDLV....SEKEVNKEEKEEPLEQDL   73
NTDB id 222 SPD RS04535 WP 000387330.1      .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDLV....SEKEVNKEEKEEPLEQDL   73
NTDB id 188 SPR RS04295 WP 000387330.1      .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDLV....SEKEVNKEEKEEPLEQDL   73
consensus                                    *************  ******* ******!**************    ************     ***** ************

logo
NTDB id 613 LCA RS05340 WP 231952379.1      GFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQE   155
NTDB id 300 STER RS07485 WP 011681496.1     VTVDVKGAVVNPGVYTLKAG.ARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTG............   154
NTDB id 41070 SGPB RS02990 WP 013851600.1   VFVDIKGAVKNEGVYELSNG.SRVTDVVKLAGGFTEDADKKSVNLAEKVTDESVIYVARVDENVAPATT...N............   144
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHT...G............   142
NTDB id 493 SM12261 RS04300 WP 000387351.1  ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQA...G............   142
NTDB id 153 SP RS04730 WP 000387344.1       ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G............   142
NTDB id 263 KZH43 RS04195 WP 000387330.1    ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G............   142
NTDB id 222 SPD RS04535 WP 000387330.1      ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G............   142
NTDB id 188 SPR RS04295 WP 000387330.1      ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G............   142
consensus                                   **!!*!!!!***!*!***** *!*******!!!*!**!!*!**!!!****!****!*****!** ****    *

logo
NTDB id 613 LCA RS05340 WP 231952379.1      QASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN   235
NTDB id 300 STER RS07485 WP 011681496.1     ...QVSDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 41070 SGPB RS02990 WP 013851600.1   ...SQANGSAQQEESSDKINLNTATLAELQTISGIGAKRAQDIIDYRDANGGFSSVDDLANVSGIGEKTLEKLKSEVTVD   221
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ...S...GAPSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1  ...P...GTASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1       ...S...GTASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1    ...L...GTASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1      ...L...GTASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1      ...L...GTASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                         ***** ****!**!!*!****!****!*!*!*!***!**!***!*!*****!**!*!!!*!!*********!*
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X non conserved

X similar

X $\geq$50% conserved