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logo

NTDB id 613 LCA RS05340 WP 231952379.1        MM..WQDYWQRYFRFWWVPCLVL.LGIIAGGFYWHQSQQKQKVTQNEQL.....LATSASKT.......KPATKKTHQAA   65
NTDB id 300 STER RS07485 WP 011681496.1       MKEKILAYVKDNRL..FVSVIAV.LMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSE   77
NTDB id 109608 ACGHT2 RS03205 WP 048791496.1 MIEEIKEKLLENKT..LAAVLGIILVMIIGFFAWLNVTKTTADAQN....DLPALSTTFSTSS....SASDLKTERSSSQ   70
NTDB id 521 SMSK321 RS04960 WP 000443804.1   .MESIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPHTPVKETN....LQAEVVAISKDSS....TEKDVKKEEKEEP   68
NTDB id 493 SM12261 RS04300 WP 000387351.1   .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVVAVSKDSV....SEKEVKKEEKEEP   68
NTDB id 153 SP RS04730 WP 000387344.1        .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDSS....TEKEVKKEEKEEP   68
NTDB id 263 KZH43 RS04195 WP 000387330.1     .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDLV....SEKEVNKEEKEEP   68
NTDB id 222 SPD RS04535 WP 000387330.1       .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDLV....SEKEVNKEEKEEP   68
NTDB id 188 SPR RS04295 WP 000387330.1       .MEAIIEKIKEYKI..IVICTGLG.LLVGGFFLLKPAPQTPVKETN....LQAEVAAVSKDLV....SEKEVNKEEKEEP   68
consensus                                     *************  ********  ******!**************    ************     *****  *******

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NTDB id 613 LCA RS05340 WP 231952379.1        TKKKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQ  145
NTDB id 300 STER RS07485 WP 011681496.1       KVKSKVTVDVKGAVVNPGVYTLKAG.ARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTG..  154
NTDB id 109608 ACGHT2 RS03205 WP 048791496.1 TETQKMFVDIKGAVKNEGVYELSNG.SRVTDVVKLAGGFTEDADKKSVNLAEKVTDESVIYVARVDENVAPATT...N..  144
NTDB id 521 SMSK321 RS04960 WP 000443804.1   VEQDLITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHT...G..  142
NTDB id 493 SM12261 RS04300 WP 000387351.1   LEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQA...G..  142
NTDB id 153 SP RS04730 WP 000387344.1        LEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G..  142
NTDB id 263 KZH43 RS04195 WP 000387330.1     LEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G..  142
NTDB id 222 SPD RS04535 WP 000387330.1       LEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G..  142
NTDB id 188 SPR RS04295 WP 000387330.1       LEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT...G..  142
consensus                                    *******!!*!!!!***!*!*****  *!*******!!!*!**!!*!**!!!****!****!*****!**  ****    *

logo

NTDB id 613 LCA RS05340 WP 231952379.1        IATTSERTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTF  225
NTDB id 300 STER RS07485 WP 011681496.1       .............QVSDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTL  221
NTDB id 109608 ACGHT2 RS03205 WP 048791496.1 .............SQANGSAQQEESSDKINLNTATLAELQTISGIGAKRAQDIIDYRDANGGFSSVDDLANVSGIGEKIL  211
NTDB id 521 SMSK321 RS04960 WP 000443804.1   .............S...GAPSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTI  206
NTDB id 493 SM12261 RS04300 WP 000387351.1   .............P...GTASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTI  206
NTDB id 153 SP RS04730 WP 000387344.1        .............S...GTASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI  206
NTDB id 263 KZH43 RS04195 WP 000387330.1     .............L...GTASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI  206
NTDB id 222 SPD RS04535 WP 000387330.1       .............L...GTASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI  206
NTDB id 188 SPR RS04295 WP 000387330.1       .............L...GTASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI  206
consensus                                                     *****  ****!**!!*!****!****!*!*!*!***!**!***!*!*****!**!*!!!*!**

logo

NTDB id 613 LCA RS05340 WP 231952379.1        EQLQSQICVN   235
NTDB id 300 STER RS07485 WP 011681496.1       DKIRESLYVA   231
NTDB id 109608 ACGHT2 RS03205 WP 048791496.1  EKLKSEVTVD   221
NTDB id 521 SMSK321 RS04960 WP 000443804.1    EKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1    EKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1         EKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1      EKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1        EKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1        EKLKDYVTVD   216
consensus                                     ********!*
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X non conserved
X similar
X $\geq$ 50% conserved