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logo
NTDB id 20 SA RS08005 WP 001802022.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFEN....KDTALKQSTSEN.NSLSKLEDVQVKDGDNSK   80
NTDB id 36 MW RS08230 WP 001793467.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFEN....KDNALKQSTSEN.SSLSKVEDVQVKDGDNSK   80
NTDB id 105 BSU 25590 NP 390437.1           .....MNW......LNQHKKAIILAASAAVFTAIMIFLATGKNKEPVKQAVP..................TETENTVVKQEANNDE   57
NTDB id 300 STER RS07485 WP 011681496.1     ......MKEKILAYVKDNRLFVSVIAVLMVIFCFF.LWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEK   78
NTDB id 613 LCA RS05340 WP 231952379.1      .....MMWQDYWQRYRRFWW.VPCLVLLGIIAGGF.YWHQSQQKQKVTQN...EQLLATS.........ASKTKPATKKTHQAAT   66
NTDB id 47684 LLH RS03425 WP 259285573.1    ..........................................................................................   0
NTDB id 595 KW2 RS08725 WP 021037687.1      .......MEKILDKLKEYWK.IMLLVVCALIAGGI.FYIFTNSPKPAETLSVEN..LSSS.........STKSSVSKFNSSSSEK   65
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .......MESIIEKIKEYKI.IVICTGLGLLVGGF.FLLKPAPHTPVKETNLQAEVVAISK......DSSTEKDVKKEEKEEPV   69
NTDB id 493 SM12261 RS04300 WP 000387351.1  .......MEAIIEKIKEYKI.IVICTGLGLLVGGF.FLLKPAPQTPVKETNLQAEVVAVSK......DSVSEKEVKKEEKEEPL   69
NTDB id 153 SP RS04730 WP 000387344.1       .......MEAIIEKIKEYKI.IVICTGLGLLVGGF.FLLKPAPQTPVKETNLQAEVAAVSK......DSSTEKEVKKEEKEEPL   69
NTDB id 263 KZH43 RS04195 WP 000387330.1    .......MEAIIEKIKEYKI.IVICTGLGLLVGGF.FLLKPAPQTPVKETNLQAEVAAVSK......DLVSEKEVNKEEKEEPL   69
NTDB id 222 SPD RS04535 WP 000387330.1      .......MEAIIEKIKEYKI.IVICTGLGLLVGGF.FLLKPAPQTPVKETNLQAEVAAVSK......DLVSEKEVNKEEKEEPL   69
NTDB id 188 SPR RS04295 WP 000387330.1      .......MEAIIEKIKEYKI.IVICTGLGLLVGGF.FLLKPAPQTPVKETNLQAEVAAVSK......DLVSEKEVNKEEKEEPL   69
consensus                                     ** ********** ***    ******** * *     *** *      * ***            ** ** * * *
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logo
NTDB id 20 SA RS08005 WP 001802022.1        NKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIEVN.........   154
NTDB id 36 MW RS08230 WP 001793467.1        NKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQICVN.........   154
NTDB id 105 BSU 25590 NP 390437.1           SNETIVIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGS........   133
NTDB id 300 STER RS07485 WP 011681496.1     VKSKVTVDVKGAVVNPGVYTLKAG.ARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGT.........   153
NTDB id 613 LCA RS05340 WP 231952379.1      KKKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSE   151
NTDB id 47684 LLH RS03425 WP 259285573.1    .....MVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKLGESSSSESTD..........   68
NTDB id 595 KW2 RS08725 WP 021037687.1      NKNEIMVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTD..........   138
NTDB id 521 SMSK321 RS04960 WP 000443804.1  EQDLITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTG..........   142
NTDB id 493 SM12261 RS04300 WP 000387351.1  EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAG..........   142
NTDB id 153 SP RS04730 WP 000387344.1       EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG..........   142
NTDB id 263 KZH43 RS04195 WP 000387330.1    EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG..........   142
NTDB id 222 SPD RS04535 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG..........   142
NTDB id 188 SPR RS04295 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG..........   142
consensus                                     * *!*!!!!* !**! *  *  !* * * *!******!! ***!!* ***!* ***** ***   *** *
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logo
NTDB id 20 SA RS08005 WP 001802022.1        .........SVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 36 MW RS08230 WP 001793467.1        .........SVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 105 BSU 25590 NP 390437.1           ............VQSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
NTDB id 300 STER RS07485 WP 011681496.1     ......GQVSDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 613 LCA RS05340 WP 231952379.1      RTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN   235
NTDB id 47684 LLH RS03425 WP 259285573.1    ....STISSSVSNQVSTTSGPKININKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   148
NTDB id 595 KW2 RS08725 WP 021037687.1      ....SPTGSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ....SGAPS......STSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1  ....PGTAS......STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1       ....SGTAS......STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1    ....LGTAS......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1      ....LGTAS......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1      ....LGTAS......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                     *       * **  ****!*!****!  * !*! **!***** !* *!*!********!*!*! !************
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X non conserved
X similar
X $\geq$ 50% conserved