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logo
NTDB id 36 MW RS08230 WP 001793467.1        MVLLYQFLLRYKDFLTQWKL.YIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDNSKNKGP   84
NTDB id 143900 WV34 RS12590 WP 088613149.1  ....MTKVMMTERQRQYLKI.LGVCLAAGAVFTCILLFR..PEKEEPVKQQSVLGQT.A............SAPVTDKKDTADDK   65
NTDB id 105 BSU 25590 NP 390437.1           ........MNWLNQHKK....AIILAASAAVFTAIMIFLATGKNKEPVKQAVPTETENT............VVKQEANNDESNET   61
NTDB id 613 LCA RS05340 WP 231952379.1      ........MMWQDYWQRYRRFWWVPCLVLLGIIAGGFYWHQSQQKQKVTQN...EQLLATS..A..SKTKPATKKTHQAATKKKG   70
NTDB id 595 KW2 RS08725 WP 021037687.1      ..........MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVEN..LSSS..S..TKSSVSKFNSSSSEKNKNE   69
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ..........MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAEVVAISKDS..STEKDVKKEEKEEPVEQDL   73
NTDB id 493 SM12261 RS04300 WP 000387351.1  ..........MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVVAVSKDS..VSEKEVKKEEKEEPLEQDL   73
NTDB id 153 SP RS04730 WP 000387344.1       ..........MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDS..STEKEVKKEEKEEPLEQDL   73
NTDB id 263 KZH43 RS04195 WP 000387330.1    ..........MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDL..VSEKEVNKEEKEEPLEQDL   73
NTDB id 222 SPD RS04535 WP 000387330.1      ..........MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDL..VSEKEVNKEEKEEPLEQDL   73
NTDB id 188 SPR RS04295 WP 000387330.1      ..........MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSKDL..VSEKEVNKEEKEEPLEQDL   73
consensus                                              ** ***************************** ************ *****    ***** ************

logo
NTDB id 36 MW RS08230 WP 001793467.1        VYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIGVN.............   154
NTDB id 143900 WV34 RS12590 WP 088613149.1  IMIDIKGAVRHPGVYEMKAG.DRVTQAIKKAGGLKEKADELNVNLAEQLQDGTVVYIPSEGEKENPTKTAA...............   135
NTDB id 105 BSU 25590 NP 390437.1           IVIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGG...............   131
NTDB id 613 LCA RS05340 WP 231952379.1      GFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQE   155
NTDB id 595 KW2 RS08725 WP 021037687.1      IMVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTD................   138
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTG................   142
NTDB id 493 SM12261 RS04300 WP 000387351.1  ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAG................   142
NTDB id 153 SP RS04730 WP 000387344.1       ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................   142
NTDB id 263 KZH43 RS04195 WP 000387330.1    ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................   142
NTDB id 222 SPD RS04535 WP 000387330.1      ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................   142
NTDB id 188 SPR RS04295 WP 000387330.1      ITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG................   142
consensus                                   ***!*!!!!**!**!** ** *!*******!******!!****!!*****!******!**!**  *****

logo
NTDB id 36 MW RS08230 WP 001793467.1        .....SVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 143900 WV34 RS12590 WP 088613149.1  ......G.....EKENASVNINTASLDELQAIPGVGQKKAEAIIAYREENGRFQIAEDLMNVSGFGEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1           ......GSVQSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
NTDB id 613 LCA RS05340 WP 231952379.1      QASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN   235
NTDB id 595 KW2 RS08725 WP 021037687.1      SPTGSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 521 SMSK321 RS04960 WP 000443804.1  SGAP......SSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1  PGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1       SGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1    LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1      LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1      LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                    ***       ** ********!*!****!****!*!***!**!***!***!*!********!*!*!*!************
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X non conserved

X similar

X ≥ 50% conserved