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logo
NTDB id 36 MW RS08230 WP 001793467.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNA..LKQSTSE...NSSLSKVEDVQVKDGDNSK    80
NTDB id 613 LCA RS05340 WP 231952379.1      .MMWQDYWQRYRRF...W..WVPCLVLLGIIAGG.FYWHQSQQKQKVTQNE...QLLATSASKT.........KPATKKTHQAAT    66
NTDB id 300 STER RS07485 WP 011681496.1     ..MKEKILAYVKDN...R..LFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEK    78
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ...MESIIEKIKEY...K..IIVICTGLGLLVGGFFLLKPAPHTPV...KETNLQAEVVAISK.....DSSTEKDVKKEEKEEPV    69
NTDB id 493 SM12261 RS04300 WP 000387351.1  ...MEAIIEKIKEY...K..IIVICTGLGLLVGGFFLLKPAPQTPV...KETNLQAEVVAVSK.....DSVSEKEVKKEEKEEPL    69
NTDB id 153 SP RS04730 WP 000387344.1       ...MEAIIEKIKEY...K..IIVICTGLGLLVGGFFLLKPAPQTPV...KETNLQAEVAAVSK.....DSSTEKEVKKEEKEEPL    69
NTDB id 263 KZH43 RS04195 WP 000387330.1    ...MEAIIEKIKEY...K..IIVICTGLGLLVGGFFLLKPAPQTPV...KETNLQAEVAAVSK.....DLVSEKEVNKEEKEEPL    69
NTDB id 222 SPD RS04535 WP 000387330.1      ...MEAIIEKIKEY...K..IIVICTGLGLLVGGFFLLKPAPQTPV...KETNLQAEVAAVSK.....DLVSEKEVNKEEKEEPL    69
NTDB id 188 SPR RS04295 WP 000387330.1      ...MEAIIEKIKEY...K..IIVICTGLGLLVGGFFLLKPAPQTPV...KETNLQAEVAAVSK.....DLVSEKEVNKEEKEEPL    69
NTDB id 26569 LACR RS09395 WP 231097919.1  ..............................MEFLYIFTNSPKQA...EN..LSVENLSSSS.....TKS..SVSKFNSS.SEK    40
NTDB id 595 KW2 RS08725 WP 021037687.1      ...MEKILDKLKEY...W..KIMLLVVCALIAGGIFYIFTNSPKPA...ET..LSVENLSSSS.....TKS..SVSKFNSSSSEK    65
consensus                                     ** ********   *  ************************   ********* **!*     *  ***** ********

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NTDB id 36 MW RS08230 WP 001793467.1        NKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIGVN.........   154
NTDB id 613 LCA RS05340 WP 231952379.1      KKKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSE   151
NTDB id 300 STER RS07485 WP 011681496.1     VKSKVTVDVKGAVVNPGVYTLKAG.ARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGT.........   153
NTDB id 521 SMSK321 RS04960 WP 000443804.1  EQDLITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTGSG.........   144
NTDB id 493 SM12261 RS04300 WP 000387351.1  EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGPG.........   144
NTDB id 153 SP RS04730 WP 000387344.1       EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSG.........   144
NTDB id 263 KZH43 RS04195 WP 000387330.1    EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLG.........   144
NTDB id 222 SPD RS04535 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLG.........   144
NTDB id 188 SPR RS04295 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLG.........   144
NTDB id 26569 LACR RS09395 WP 231097919.1  NKNEIMVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKLGESSSSESTDSP.........   115
NTDB id 595 KW2 RS08725 WP 021037687.1      NKNEIMVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSP.........   140
consensus                                   ******!!*!!!!**!**!** ** *!*******!******!!****!!*****!************  ***** *

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NTDB id 36 MW RS08230 WP 001793467.1        .........SVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 613 LCA RS05340 WP 231952379.1      RTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN   235
NTDB id 300 STER RS07485 WP 011681496.1     ......GQVSDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ......APS......STSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1  ......TAS......STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1       ......TAS......STSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1    ......TAS......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1      ......TAS......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1      ......TAS......SISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 26569 LACR RS09395 WP 231097919.1  ......ISSSVSNQVSTTSGPKININKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   193
NTDB id 595 KW2 RS08725 WP 021037687.1      ......TGSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
consensus                                      ***      ******!***!*!****!****!*!***!******!***!*!*****!**!*!*!*!!***********
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X non conserved

X similar

X ≥ 50% conserved