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logo
NTDB id 20 SA RS08005 WP 001802022.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENNSLSKLEDVQVKDGDNSKNKGPV   85
NTDB id 36 MW RS08230 WP 001793467.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDNSKNKGPV   85
NTDB id 613 LCA RS05340 WP 231952379.1      .MMWQDYWQRYRRF......WWVPCLVLLGIIAGGFYWHQSQQKQKVTQN...EQLLATS....ASKTKPATKKTHQAATKKKGG   71
NTDB id 27470 LLMG RS09780 WP 014735120.1  ...MEKILDKLKEY......WKIMLLVVCALIAGGILYIFTNSPKPAETLSIEN..LSSS....STKSSVSKFNSSSSEKNKNEI   70
NTDB id 595 KW2 RS08725 WP 021037687.1     ...MEKILDKLKEY......WKIMLLVVCALIAGGIFYIFTNSPKPAETLSVEN..LSSS....STKSSVSKFNSSSSEKNKNEI   70
NTDB id 521 SMSK321 RS04960 WP 000443804.1 ...MESIIEKIKEY......KIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAEVVAISK..DSSTEKDVKKEEKEEPVEQDLI   74
NTDB id 493 SM12261 RS04300 WP 000387351.1 ...MEAIIEKIKEY......KIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVVAVSK..DSVSEKEVKKEEKEEPLEQDLI   74
NTDB id 153 SP RS04730 WP 000387344.1      ...MEAIIEKIKEY......KIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK..DSSTEKEVKKEEKEEPLEQDLI   74
NTDB id 263 KZH43 RS04195 WP 000387330.1   ...MEAIIEKIKEY......KIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK..DLVSEKEVNKEEKEEPLEQDLI   74
NTDB id 222 SPD RS04535 WP 000387330.1     ...MEAIIEKIKEY......KIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK..DLVSEKEVNKEEKEEPLEQDLI   74
NTDB id 188 SPR RS04295 WP 000387330.1     ...MEAIIEKIKEY......KIIVICTGLGLLVGGFFLLKPAPQTPVKETNLQAEVAAVSK..DLVSEKEVNKEEKEEPLEQDLI   74
consensus                                     ** ********      *************!********* ************ **!*   * ****** *************

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NTDB id 20 SA RS08005 WP 001802022.1        YVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIEV...............   153
NTDB id 36 MW RS08230 WP 001793467.1        YVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIGV...............   153
NTDB id 613 LCA RS05340 WP 231952379.1      FVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQEQ   156
NTDB id 27470 LLMG RS09780 WP 014735120.1  MVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADPKSINLSAKLKDEEVIYVPKVGESSSSESTD...............S   139
NTDB id 595 KW2 RS08725 WP 021037687.1     MVDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTD...............S   139
NTDB id 521 SMSK321 RS04960 WP 000443804.1 TVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTG...............S   143
NTDB id 493 SM12261 RS04300 WP 000387351.1 TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAG...............P   143
NTDB id 153 SP RS04730 WP 000387344.1      TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG...............S   143
NTDB id 263 KZH43 RS04195 WP 000387330.1   TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG...............L   143
NTDB id 222 SPD RS04535 WP 000387330.1     TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG...............L   143
NTDB id 188 SPR RS04295 WP 000387330.1     TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG...............L   143
consensus                                  *!!*!!!!**!**!***** *!*******!******!!****!!**!**!******!**!**  ******

logo
NTDB id 20 SA RS08005 WP 001802022.1        ...NSVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 36 MW RS08230 WP 001793467.1        ...NSVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 613 LCA RS05340 WP 231952379.1      ASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN   235
NTDB id 27470 LLMG RS09780 WP 014735120.1  PTGSSVSNQVSTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 595 KW2 RS08725 WP 021037687.1     PTGSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 521 SMSK321 RS04960 WP 000443804.1 GAP......SSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1 GTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1      GTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1   GTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1     GTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1     GTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
consensus                                  ***      *******!***!*!****!****!*!***!**!***!***!*!*****!*!!*!*!*!!***!*******
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X non conserved

X similar

X ≥ 50% conserved