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logo

NTDB id 613 LCA RS05340 WP 231952379.1          MM........WQDYWQRYRRFWWVPCLVLLGIIA.GGFYWHQSQQKQKVTQNEQ.LLATSAS......KTKPATKKTHQA   64
NTDB id 36 MW RS08230 WP 001793467.1            MVLLYQFLLRYKDFLTQWKL..YIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDN   78
NTDB id 263 KZH43 RS04195 WP 000387330.1        MEAIIEKI.......KEYKI..IVICTGLGLLVG.GFFLLKPAPQTPVKETNLQ...AEVAAVSKDLVSEKEVNKEEKEE   67
NTDB id 222 SPD RS04535 WP 000387330.1          MEAIIEKI.......KEYKI..IVICTGLGLLVG.GFFLLKPAPQTPVKETNLQ...AEVAAVSKDLVSEKEVNKEEKEE   67
NTDB id 188 SPR RS04295 WP 000387330.1          MEAIIEKI.......KEYKI..IVICTGLGLLVG.GFFLLKPAPQTPVKETNLQ...AEVAAVSKDLVSEKEVNKEEKEE   67
NTDB id 993355 AAHT66 RS11495 WP 087990780.1    MNWLYL..........HKKA..IILAASAAAFIAVIFVLASGENKEPVKQAVS........TE.....TENTEVKQEAVK   55
NTDB id 105 BSU 25590 NP 390437.1               MNWLNQ..........HKKA..IILAASAAVFTAIMIFLATGKNKEPVKQAVP........TE.....TENTVVKQEANN   55
consensus                                       !  *   *         ***  ****  ****** **** *   *****  * *   *  **    * *******  * *

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NTDB id 613 LCA RS05340 WP 231952379.1          ATKKKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQ   144
NTDB id 36 MW RS08230 WP 001793467.1            SKNKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQI.....   151
NTDB id 263 KZH43 RS04195 WP 000387330.1        PLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT.....   141
NTDB id 222 SPD RS04535 WP 000387330.1          PLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT.....   141
NTDB id 188 SPR RS04295 WP 000387330.1          PLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQT.....   141
NTDB id 993355 AAHT66 RS11495 WP 087990780.1    DE.NDTIVIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTGEQADEMQVNLAELLQDGIVVYIPKKGEETTMQQG.....   128
NTDB id 105 BSU 25590 NP 390437.1               DESNETIVIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQG.....   129
consensus                                          ** * *!*!!!!* !**!** ** *!* *** *!******!!** *!!*****!  ****! !!** * **

logo

NTDB id 613 LCA RS05340 WP 231952379.1          QIATTSERTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKT   224
NTDB id 36 MW RS08230 WP 001793467.1            .............GVNSVHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKT   218
NTDB id 263 KZH43 RS04195 WP 000387330.1        .............GLGTA.SSI..SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKT   205
NTDB id 222 SPD RS04535 WP 000387330.1          .............GLGTA.SSI..SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKT   205
NTDB id 188 SPR RS04295 WP 000387330.1          .............GLGTA.SSI..SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKT   205
NTDB id 993355 AAHT66 RS11495 WP 087990780.1    .............FGGAVKSDG..GKEAPVNINTATLEELQGISGVGPSKAEAIIGYREENGRFQTIEELTKVSGIGEKS   193
NTDB id 105 BSU 25590 NP 390437.1               .............GGGSVQSDG..GKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKS   194
consensus                                                   ****  *    *** ****! !****!  * !*! **!* !***!* *!*!******!!*!*! !*

logo

NTDB id 613 LCA RS05340 WP 231952379.1          FEQLQSQICVN   235
NTDB id 36 MW RS08230 WP 001793467.1            FDKLKSYFTI.   228
NTDB id 263 KZH43 RS04195 WP 000387330.1        IEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1          IEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1          IEKLKDYVTVD   216
NTDB id 993355 AAHT66 RS11495 WP 087990780.1    LEKIKSSITVK   204
NTDB id 105 BSU 25590 NP 390437.1               FEKIKSSITVK   205
consensus                                       **********
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X non conserved

X similar

X ≥ 50% conserved