```
logo
NTDB id 613 LCA RS05340 WP 231952379.1        ..MMWQDYWQRYRRFWWVPCLVLLGIIAGG..FYWHQSQQKQKVTQNEQLLATS......ASKTKPATKKTHQAATKKKGGFVDI   75
NTDB id 153 SP RS04730 WP 000387344.1         ..MEAIIEKI.KEYKIIVICTGL.GLLVGG..FFLLKPAPQTPVKETN.LQAEVAAVSKDSSTEKEVKKEEKEEPLEQDLITVDV   78
NTDB id 521 SMSK321 RS04960 WP 000443804.1    ..MESIIEKI.KEYKIIVICTGL.GLLVGG..FFLLKPAPHTPVKETN.LQAEVVAISKDSSTEKDVKKEEKEEPVEQDLITVDV   78
NTDB id 369686 D069 RS12425 WP 105937505.1   MTKAMMTERLRRNLKILGACLVA.GAVFICILLF..RSEKEEPVKQQS.VLGQT...........ASASVADKKDTADDKIMIDV   70
NTDB id 105 BSU 25590 NP 390437.1             ......MNWLNQHKKAI.ILAAS.AAVFTAIMIFLATGKNKEPVKQAV.PTETE..........NTVVKQEANNDESNETIVIDI   66
consensus                                       *  ***** *  ****** ** *** **  *** *      *!**   * *         *  * * * *      ** * *!*

logo
NTDB id 613 LCA RS05340 WP 231952379.1        KGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSERTQEQASTG  160
NTDB id 153 SP RS04730 WP 000387344.1         KGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....................TG  142
NTDB id 521 SMSK321 RS04960 WP 000443804.1    KGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQH.....................TG  142
NTDB id 369686 D069 RS12425 WP 105937505.1   KGAVRNPGVYEMKAG.DRVTQAIEKAGGLKKKADELNVNLAEQLQDGTIVYIPSEGEEENRPK.....................TA  134
NTDB id 105 BSU 25590 NP 390437.1             KGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQ.....................GG  130
consensus                                     !!!!* !!*!** ** *!* *** *!!!****!!** *!!!****!  **!*!**!!*    *                        **

logo
NTDB id 613 LCA RS05340 WP 231952379.1        ISANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQICVN   235
NTDB id 153 SP RS04730 WP 000387344.1         SGTASST.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 521 SMSK321 RS04960 WP 000443804.1    SGAPSST.SKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 369686 D069 RS12425 WP 105937505.1   AG.....EKENAAVNINTASLDELQAISGVGQKKAEAIIAYREEKGRFQTVEDLMNVSGFGEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1             GGSVQSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
consensus                                     **   ** ** *****! !****!* * !*! **!* !!**!***!*!****** *!*!*! !**!**** **!
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X non conserved

X similar

X $\geq$ 50% conserved