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logo

NTDB id 613 LCA RS05340 WP 231952379.1        MM..WQDYWQRYRRFWWVPCLVLLGIIAGGFYWHQSQQKQKVTQNE...QL..LATSASK.......TKPATKKTHQAAT   66
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .MESIIEKIKEYK..IIVICTGLGLLVGGFFLLKPAPHTP.VKETNLQAEVVAISKDSST.......EKDVKKEEKEEPV   69
NTDB id 153 SP RS04730 WP 000387344.1         .MEAIIEKIKEYK..IIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVAAVSKDSST.......EKEVKKEEKEEPL   69
NTDB id 966183 NYE32 RS07680 WP 073689618.1   MKEKILAYVKDNR..LFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTTLSTSSSKEGSKSLTEVSSQSKTEESEK   78
NTDB id 300 STER RS07485 WP 011681496.1       MKEKILAYVKDNR..LFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEK   78
consensus                                     *** ********  **! ***********!**      * *       ** ******!*        **   *** *

logo

NTDB id 613 LCA RS05340 WP 231952379.1        KKKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQI   146
NTDB id 521 SMSK321 RS04960 WP 000443804.1    EQDLITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQ.HTGS....   143
NTDB id 153 SP RS04730 WP 000387344.1         EQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGS....   143
NTDB id 966183 NYE32 RS07680 WP 073689618.1   DKSKVTVDVKGAVVKPGVYTLKAG.TRVTDAIKAAGGMTEDADAKSVNLAASLSDEEVIYVATKDENLSVLGQSGT....   153
NTDB id 300 STER RS07485 WP 011681496.1       VKSKVTVDVKGAVVNPGVYTLKAG.ARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGT....   153
consensus                                     **  **!!*!!!!* !!*! * ** *!* **** !!!*!* !!*!**!!!****!* **!***!*! ** * ****

logo

NTDB id 613 LCA RS05340 WP 231952379.1        ATTSERTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFE   226
NTDB id 521 SMSK321 RS04960 WP 000443804.1    ................GAPSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIE   207
NTDB id 153 SP RS04730 WP 000387344.1         ................GTASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIE   207
NTDB id 966183 NYE32 RS07680 WP 073689618.1   ...........SQDSDKGGQTNAKDGKINLNTATAEELQTISGIGAKRAEDIIAYRESHGGFQSVDDLKNVSGIGDKTLD   222
NTDB id 300 STER RS07485 WP 011681496.1       ...........GQVSDKGGQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLD   222
consensus                                                * **********!**!! !* **!*** !*!*!*!***!**!* *!*!*****!**!*!!! !!**

logo

NTDB id 613 LCA RS05340 WP 231952379.1        QLQSQICVN   235
NTDB id 521 SMSK321 RS04960 WP 000443804.1    KLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1         KLKDYVTVD   216
NTDB id 966183 NYE32 RS07680 WP 073689618.1   KIRESLYVA   231
NTDB id 300 STER RS07485 WP 011681496.1       KIRESLYVA   231
consensus                                     **** * !
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X non conserved

X similar

X $\geq$ 50% conserved