```
logo

NTDB id 1131168 H0513 RS07930 WP 179972173.1  MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALPTSSSKQSSQSLSEASSQSKTEGSEKVK   80
NTDB id 300 STER RS07485 WP 011681496.1       MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKVK   80
NTDB id 153 SP RS04730 WP 000387344.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQT.PVKETNLQAEVAAVSKD.......SSTEKEVKKEEKEEPLEQ   71
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHT.PVKETNLQAEVVAISKD.......SSTEKDVKKEEKEEPVEQ   71
consensus                                     * !*!*  *!* ** ! * ** *** *!!!  **** ***       *!*!**  *******! *! *        **

logo

NTDB id 1131168 H0513 RS07930 WP 179972173.1  SKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVSDKG  160
NTDB id 300 STER RS07485 WP 011681496.1       SKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVSDKG  160
NTDB id 153 SP RS04730 WP 000387344.1         DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAV.SQQTGSGTA....  146
NTDB id 521 SMSK321 RS04960 WP 000443804.1    DLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESA.SQHTGSGAP....  146
consensus                                       *!!!!!!!!  !!*! !* ! !! ! *! !!!*!! !! !!*!!!  *!!! **!!* ! ! ***  *!!*!******

logo

NTDB id 1131168 H0513 RS07930 WP 179972173.1  GQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA  231
NTDB id 300 STER RS07485 WP 011681496.1       GQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA  231
NTDB id 153 SP RS04730 WP 000387344.1         .SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD  216
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .SSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD  216
consensus                                     *   !!* !*!!! !* ! !  * !*!*!!! !*! *!! *! ! !!!*!! !!!!!*!!**!*** * !
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X non conserved

X similar

X $\geq$ 50% conserved