```
NTDB id 604 V4T04 RS04035 WP 003129447.1          .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYFA   79
NTDB id 28740 SGGBAA2069 RS08305 WP 009854678.1  MNTDDTITIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPNIANSYFS   80
NTDB id 428 SGO RS03795 WP 012000235.1           MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYFS   80
NTDB id 240 SPD RS09570 WP 000990602.1           MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTATVGVVIPNITNGYFS   80
consensus                                        *****!*!!!!!!!*!!!!!!!!!!!!!!!*!!!!*!!*!!!!*!**!!!!!!!!!!!!!!!!*!*!!!!**!*!***!!*
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NTDB id 604 V4T04 RS04035 WP 003129447.1          AITRGVDDIASMYKYNMILANSDNDVEKEEKVLETFLSKQVDGIVYMGSSLDEKIRTSLKNSRTPVVLVGTIDGDKEIPS  159
NTDB id 28740 SGGBAA2069 RS08305 WP 009854678.1  ILAKGIDDIAAMYKYNIVLASSDEDDDKEVNVVNTLFAKQVDGIIFMGHHLTEKIRAEFSRSRTPVVLAGTVDLEHQLPS  160
NTDB id 428 SGO RS03795 WP 012000235.1           TLAKGIDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLPS  160
NTDB id 240 SPD RS09570 WP 000990602.1           SLAKGIDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAGTVDVEHQLPS  160
consensus                                        ****!*!!!!*!!!!!!**!!*!!*!**!!**!**!***!!!!!!**!!**!**!!!*****!!!!*!!*!!*!*!*****!!
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NTDB id 604 V4T04 RS04035 WP 003129447.1          VNIDYHLAAYQSTKKLIDSGNKKIAYIMGSLK.DVENTERMVGYQEALLEANIEFDENLVFEGNYSYEQGKALAERLLER  238
NTDB id 28740 SGGBAA2069 RS08305 WP 009854678.1  VNIDYKAAVADVV.DILAKNNKEIAFVSGPLIDDINGKVRLAGYKEGLEKNGLSFKEGLVFEANYNYKDGFELAQRVINS  239
NTDB id 428 SGO RS03795 WP 012000235.1           VNIDYKQATIDAI.TFLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKYGYDDGYNLAERVIAS  239
NTDB id 240 SPD RS09570 WP 000990602.1           VNIDYKQATIDAV.SYLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKYSYDDGYALAERLISS  239
consensus                                        !!!!!**!***** * *** !**!!***!*!**!*****!**!!***!********!*!!!!* !*!**!**!!*!** *
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NTDB id 604 V4T04 RS04035 WP 003129447.1          GATSAVVSHDTVAVGLLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLGAVAMRLLTKLMLKEDVEQNQ  318
NTDB id 28740 SGGBAA2069 RS08305 WP 009854678.1  GATAAFVAEDELAAGLLNGLFEAGKKVPEDFEIITSNDSPITSYTRPNLSSISQPVYDLGAVSMRMLTKIMNKEELEEKE  319
NTDB id 428 SGO RS03795 WP 012000235.1           KATAAFVTGDELAAGLLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELERE  319
NTDB id 240 SPD RS09570 WP 000990602.1           NATAAVVTGDELAAGVLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELERE  319
consensus                                        *!!*!  !**!**!*!*!******!***!!!!!!!****!*!***!*!*!****!!*!!!!!**!!*!!!*!*!!**!***
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NTDB id 604 V4T04 RS04035 WP 003129447.1          LVLDHETFSRRSTK...   332
NTDB id 28740 SGGBAA2069 RS08305 WP 009854678.1  ILLNHGLTTRGTTR...   333
NTDB id 428 SGO RS03795 WP 012000235.1           VVLSHGIYERNSTRK..   334
NTDB id 240 SPD RS09570 WP 000990602.1           VLLPHGLTERSSTRKRK   336
consensus                                        **!  !****!  *!**
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X non conserved
X similar
X ≥ 50% conserved