```
logo
NTDB id 604 V4T04 RS04035 WP 003129447.1      .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYFA   79
NTDB id 257434 CWQ20 RS04025 WP 001090621.1   MNTDDTITIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPNIANSYFS   80
NTDB id 428 SGO RS03795 WP 012000235.1        MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYFS   80
NTDB id 240 SPD RS09570 WP 000990602.1        MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTATVGVVIPNITNGYFS   80
consensus                                     *****!*!!!!!!!!*!!!!!!!!!!!!!!!!*!!!!*!!*!!!!*!**!!!!!!!!!!!!!!!!!*!*!!!!**!*!***!!*

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1      AITRGVDDIASMYKYNMILANSDNDVEKEEKVLETFLSKQVDGIVYMGSSLDEKIRTSLKNSRTPVVLVGTIDGDKEIPS   159
NTDB id 257434 CWQ20 RS04025 WP 001090621.1  ILARGIDDIAAMYKYNIVLASSDEDDDKEVNVVNTLFAKQVDGIIFMGHHLTEKIRAEFSRSRTPIVLAGTVDLEHQLPS   160
NTDB id 428 SGO RS03795 WP 012000235.1        TLAKGIDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLPS   160
NTDB id 240 SPD RS09570 WP 000990602.1        SLAKGIDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAGTVDVEHQLPS   160
consensus                                     ****!*!!!!*!!!!!**!!*!!*!**!!**!**!***!!!!!!**!!**!**!!!*****!!!!*!!*!!*!*****!!

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1      VNIDYHLAAYQSTKKLIDSGNKKIAYIMGSLK.DVENTERMVGYQEALLEANIEFDENLVFEGNYSYEQGKALAERLLER   238
NTDB id 257434 CWQ20 RS04025 WP 001090621.1  VNIDYKAAAVDVID.ILAGNHKDIAFVSGPLIDDINGKVRLAGYKEGLKKNGLNFKEGLVFEANYRYAEGFALAQRVINA   239
NTDB id 428 SGO RS03795 WP 012000235.1        VNIDYKQATIDAIT.FLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKYGYDDGYNLAERVIAS   239
NTDB id 240 SPD RS09570 WP 000990602.1        VNIDYKQATIDAVS.YLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKYSYDDGYALAERLISS   239
consensus                                     !!!!!**!  *****  ***  ***!!***!*!**!*****!**!!***!********!*!!!!* !*!**!**!!*!** *

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1      GATSAVVSHDTVAVGLLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLGAVAMRLLTKLMLKEDVEQNQ   318
NTDB id 257434 CWQ20 RS04025 WP 001090621.1  GATAAYVAEDELAAGLLNGLFEAGKRVPEDFEIITSNDSPIAQYTRPNLTSISQPVYDLGAVSMRMLTKIMHKEELEEKE   319
NTDB id 428 SGO RS03795 WP 012000235.1        KATAAFVTGDELAAGLLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEERE   319
NTDB id 240 SPD RS09570 WP 000990602.1        NATAAVVTGDELAAGVLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEERE   319
consensus                                     *!!*!*!**!**!*!*!******!***!!!!!!!****!*!* *!*!*!****!!*!!!!!**!!*!!!*!*!!**!***

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1      LVLDHEIFSRRSTK...   332
NTDB id 257434 CWQ20 RS04025 WP 001090621.1  IVLNHGIVKRGTTNN..   334
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