```
logo
NTDB id 604 V4T04 RS04035 WP 003129447.1        .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYFA   79
NTDB id 240 SPD RS09570 WP 000990602.1          MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTATVGVVIPNITNGYFS   80
NTDB id 1139113 DQM54 RS03795 WP 111723476.1   MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYFS   80
NTDB id 428 SGO RS03795 WP 012000235.1          MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYFS   80
consensus                                       *****!*!!!!!!!*!!!!!!!!!!!!!!!*!!!!*!!*!!!!*!**!!!!!!!!!!!!!!!*!*!!!!**!*!!**!!*

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1        AITRGVDDIASMYKYNMILANSDNDVEKEEKVLETFLSKQVDGIVYMGSSLDEKIRTSLKNSRTPVVLVGTIDGDKEIPS  159
NTDB id 240 SPD RS09570 WP 000990602.1          SLAKGIDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAGTVDVEHQLPS  160
NTDB id 1139113 DQM54 RS03795 WP 111723476.1   TLAKGIDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLPS  160
NTDB id 428 SGO RS03795 WP 012000235.1          TLAKGIDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLPS  160
consensus                                       ****!*!!!!*!!!!!**!!!!!*!**!!**!**!**!!!!!!!**!!**!**!!!*****!!!!*!!*!!*!*****!!

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1        VNIDYHLAAYQSTKKLIDSGNKKIAYIMGSLK.DVENTERMVGYQEALLEANIEFDENLVFEGNYSYEQGKALAERLLER  238
NTDB id 240 SPD RS09570 WP 000990602.1          VNIDYKQATIDAVS.YLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKYSYDDGYALAERLISS  239
NTDB id 1139113 DQM54 RS03795 WP 111723476.1   VNIDYKQATIDAIT.FLAKRNKKIAFVCGPLVDDINGKVRLSGYKSTLKSKKLSYSEGLVFESKYSYDDGYNLAERVIAS  239
NTDB id 428 SGO RS03795 WP 012000235.1          VNIDYKQATIDAIT.FLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKYGYDDGYNLAERVIAS  239
consensus                                       !!!!!**!****** *****!**!!***!*!**!*****!* !!** !** *****!*!!!!**!*!**!* !!!!****

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1        GATSAVVSHDTVAVGLLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLGAVAMRLLTKLMLKEDVEQNQ  318
NTDB id 240 SPD RS09570 WP 000990602.1          NATAAVVTGDELAAGVLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEERE  319
NTDB id 1139113 DQM54 RS03795 WP 111723476.1   KATSAFVTGDELAAGLLNGLADRGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEERE  319
NTDB id 428 SGO RS03795 WP 012000235.1          KATAAFVTGDELAAGLLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEERE  319
consensus                                       *!! ! !**!**!*!*!****!*!!**!!!!!!!****!*!***!*!*!****!!!!!!!!**!!*!!!*!*!!**!***

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1        LVLDHEIFSRRSTK...   332
NTDB id 240 SPD RS09570 WP 000990602.1          VLLPHGLTERSSTRKRK   336
NTDB id 1139113 DQM54 RS03795 WP 111723476.1   VVLSHGIYERNSTRK..   334
NTDB id 428 SGO RS03795 WP 012000235.1          VVLSHGIYERNSTRK..   334
consensus                                       **!*!****!*!!**
```

X non conserved

X similar

X ≥ 50% conserved