```
logo
NTDB id 604 V4T04 RS04035 WP 003129447.1     .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYFAAITRG   84
NTDB id 428 SGO RS03795 WP 012000235.1       MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYFSTLAKG   85
NTDB id 98372 R8507 RS09495 WP 000990606.1   MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPNITNGYFSSLAKG   85
NTDB id 240 SPD RS09570 WP 000990602.1       MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTATVGVVIPNITNGYFSSLAKG   85
consensus                                    *****!*!!!!!!!*!!!!!!!!!!!!!!!!*!!!!*!!*!!!!*!**!!!!!!!!!!!!!!!!*!*!!!!**!*!!**!!*****!

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1     VDDIASMYKYNMILANSDNDVEKEEKVLETFLSKQVDGIVYMGSSLDEKIRTSLKNSRTPVVLVGTIDGDKEIPSVNIDYHLAAY   169
NTDB id 428 SGO RS03795 WP 012000235.1       IDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLPSVNIDYKQATI   170
NTDB id 98372 R8507 RS09495 WP 000990606.1   IDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAGTVDVEHQLPSVNIDYKQATI   170
NTDB id 240 SPD RS09570 WP 000990602.1       IDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAGTVDVEHQLPSVNIDYKQATI   170
consensus                                    *!!!!*!!!!!**!!!!!*!**!!**!**!**!!!!!!!**!!**!**!!!*****!!!!*!!*!!*!*****!!!!!!!**!**

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1     QSTKKLIDSGNKKIAYIMGSLK.DVENTERMVGYQEALLEANIEFDENLVFEGNYSYEQGKALAERLLERGATSAVVSHDTVAVG   253
NTDB id 428 SGO RS03795 WP 012000235.1       DAIT.FLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKYGYDDGYNLAERVIASKATAAFVTGDELAAG   254
NTDB id 98372 R8507 RS09495 WP 000990606.1   DAVS.YLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGIAYSEGLVFESKYSYDDGYALAERLISSNATAAVVTGDELAAG   254
NTDB id 240 SPD RS09570 WP 000990602.1       DAVS.YLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKYSYDDGYALAERLISSNATAAVVTGDELAAG   254
consensus                                    **** *****! *!!***!*!**!*****!**!!** !*****$***!*!!!!**!*!**!**!!!*****!!*!*!**!**!*!

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1     LLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLGAVAMRLLTKLMLKEDVEQNQLVLDHEIFSRRSTK...   332
NTDB id 428 SGO RS03795 WP 012000235.1       LLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEEREVVLSHGIYERNSTRK..   334
NTDB id 98372 R8507 RS09495 WP 000990606.1   VLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEEREVLLPHGLTERSSTRKRK   336
NTDB id 240 SPD RS09570 WP 000990602.1       VLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEEREVLLPHGLTERSSTRKRK   336
consensus                                    *!****!*!! *!!!!!!!****!*!***!*!*!****!!!!!!!!**!!*!!!*!*!!**!*****!*!****!*!!****
```

X non conserved

X similar

X $\geq$ 50% conserved