```
logo
NTDB id 604 V4T04 RS04035 WP 003129447.1     .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYFAAITRG   84
NTDB id 75288 SPAP1 RS07745 WP 002985680.1  MNTDDTITIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPNIANSYFSILAKG   85
NTDB id 428 SGO RS03795 WP 012000235.1      MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYFSTLAKG   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 75288 SPAP1 RS07745 WP 002985680.1  IDDIAAMYKYNIVLASSDEDDDKEVNVVNTLFAKQVDGIIFMGHHLTEKIRAEFSRSRTPVVLAGTVDLDHQLPSVNIDYRAAVS   170
NTDB id 428 SGO RS03795 WP 012000235.1      IDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLPSVNIDYKQATI   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 75288 SPAP1 RS07745 WP 002985680.1  NVV.DILAENHKCIAFVSGPLIDDINGKVRLAGYKEGLKHNKLDFKEGLVFEANYSYKEGFELAQRVINSGATAAYVAEDELAAG   254
NTDB id 428 SGO RS03795 WP 012000235.1      DAI.TFLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKYGYDDGYNLAERVIASKATAAFVTGDELAAG   254
NTDB id 240 SPD RS09570 WP 000990602.1      DAV.SYLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKYSYDDGYALAERLISSNATAAVVTGDELAAG   254
consensus                                   *** * *** ***!!***!*!**!*****!**!!***!* *** **!*!!!!* !*!**!**!!*!** **!!*!*!**!**!*!

logo
NTDB id 604 V4T04 RS04035 WP 003129447.1    LLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLGAVAMRLLTKLMLKEDVEQNQLVLDHEIFSRRSTK...   332
NTDB id 75288 SPAP1 RS07745 WP 002985680.1  LLNGLFEAGKRVPEDFEIITSNDSPVVQYTRPNLSSISQPVYDLGAVSMRMLTKIMNKEELEEKEILLNHGIKKRGTTK...   333
NTDB id 428 SGO RS03795 WP 012000235.1      LLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEEREVVLSHGIYERNSTRK..   334
NTDB id 240 SPD RS09570 WP 000990602.1      VLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEEREVLLPHGLTERSSTRKRK   336
consensus                                   *!******!***!!!!!!!****!*** *!*!*!****!!*!!!!!**!!*!!!*!*!!**!*****! !****! *!**
```

X non conserved

X similar

X ≥ 50% conserved