```
logo
NTDB id 604 V4T04 RS04035 WP 003129447.1  .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYFAAITRG   84
NTDB id 20100 SSU05 1372 ABP90338.1       ..................................................MLLHVDWPASKTTTVGVVIPNIANAYFATLAKG   33
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 20100 SSU05 1372 ABP90338.1       IDDIADMYKYNIVLANSDENDEKEINVVNTLFSKQVDGIIFMGYHLTDKIRAEFSRSRTPIVLAGTVDLEHQLPSVNIDYAAASV   118
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 20100 SSU05 1372 ABP90338.1       DAV.NLLAKNNKKIAFVSGPLVDDINGKVRFAGYKQGLKDNGIEFNEGLVFESKYKYEEGYALAERILNAGATAAYVAEDEIAAG   202
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 20100 SSU05 1372 ABP90338.1       LLNGVSDMGIKVPEDFEIITSDDSLVTKFTRPNLTSINQPLYDIGAIAMRMLTKIMHKEELENREVVLNHGIKVRKSTK...   281
NTDB id 428 SGO RS03795 WP 012000235.1    LLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEEREVVLSHGIYERNSTRK..   334
NTDB id 240 SPD RS09570 WP 000990602.1    VLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEEREVLLPHGLTERSSTRKRK   336
consensus                                 *!****!*!***!!!!!!!****!*****!*!*!****!!!!!*!!* !!*!!!*!*!!**!*****! !****!*!!**
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X non conserved

X similar

X ≥ 50% conserved