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logo

NTDB id 604 V4T04 RS04035 WP 003129447.1      ..MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTITSTYF   78
NTDB id 195394 A7J08 RS03230 WP 004298830.1   MLNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPNIANAYF   80
NTDB id 428 SGO RS03795 WP 012000235.1        .MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSITNSYF   79
NTDB id 240 SPD RS09570 WP 000990602.1        .MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTATVGVVIPNITNGYF   79
consensus                                      *****!*!!!!!!!!*!!!!!!!!!!!!!!!!*!!!!*!!*!!!!*!**!!!!!!!!!!!!!!!!*!*!!!!**!*!** !!

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1      AAITRGVDDIASMYKYNMILANSDNDVEKEEKVLETFLSKQVDGIVYMGSSLDEKIRTSLKNSRTPVVLVGTIDGDKEIP   158
NTDB id 195394 A7J08 RS03230 WP 004298830.1   ATLAKGIDDIADMYKYNIVLANSDENDEKEINVVNTLFSKQVDGIIFMGYHLTDKIRAEFSRSRTPIVLAGTVDLEHQLP   160
NTDB id 428 SGO RS03795 WP 012000235.1        STLAKGIDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAGTIDVEHQLP   159
NTDB id 240 SPD RS09570 WP 000990602.1        SSLAKGIDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAGTVDVEHQLP   159
consensus                                      ****!*!!!!*!!!!!**!!!!!****!!**!**!**!!!!!!!**!!**!**!!!*****!!!!*!!*!!*!*!*****!

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1      SVNIDYHLAAYQSTKKLIDSGNKKIAYIMGSLK.DVENTERMVGYQEALLEANIEFDENLVFEGNYSYEQGKALAERLLE   237
NTDB id 195394 A7J08 RS03230 WP 004298830.1   SVNIDYAAASVDAV.NLLAKNNKKIAFVSGPLVDDINGKVRFAGYKQGLKDNGIEFNEGLVFESKYKYEEGYALAERILN   239
NTDB id 428 SGO RS03795 WP 012000235.1        SVNIDYKQATIDAI.TFLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKYGYDDGYNLAERVIA   238
NTDB id 240 SPD RS09570 WP 000990602.1        SVNIDYKQATIDAV.SYLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKYSYDDGYALAERLIS   238
consensus                                      !!!!!!**!***** ***** !**!!***!*!**!*****!**!!***!*******!*!!!!**!*!**!**!!!!**

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1      RGATSAVVSHDTVAVGLLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLGAVAMRLLTKLMLKEDVEQN   317
NTDB id 195394 A7J08 RS03230 WP 004298830.1   AGATAAYVAEDEIAAGLLNGVSDMGIKVPEDFEIITSDDSLVTKFTRPNLTSINQPLYDIGAIAMRMLTKIMHKEELENR   319
NTDB id 428 SGO RS03795 WP 012000235.1        SKATAAFVTGDELAAGLLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLGAISMRMLTKIMHKEELEER   318
NTDB id 240 SPD RS09570 WP 000990602.1        SNATAAVVTGDELAAGVLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLGAISMRMLTKIMHKEELEER   318
consensus                                      **!!*!*!**!**!*!*!****!*!***!!!!!!!****!*****!*!*!****!!!!!*!!* !!*!!!*!*!!**!**

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1      QLVLDHEIFSRRSTK...   332
NTDB id 195394 A7J08 RS03230 WP 004298830.1   EVVLNHGIKVRKSTK...   334
NTDB id 428 SGO RS03795 WP 012000235.1        EVVLSHGIYERNSTRK..   334
NTDB id 240 SPD RS09570 WP 000990602.1        EVLLPHGLTERSSTRKRK   336
consensus                                      ***!  !*****!*!!**
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X non conserved

X similar

X $\geq$ 50% conserved