```
logo

NTDB id 604 V4T04 RS04035 WP 003129447.1          .MVESTTTIYDVARVAGVSMATVSRVVNGNANVKEKTRQKVLEAIAELDYRPNAVARGLASKRTTTVGVILPTIT   74
NTDB id 1113401 HMPREF9318 RS10670 WP 006739678.1 MNTDDTITIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIERLDYRPNAVARGLASKKTTTVGVVIPNIA   75
NTDB id 428 SGO RS03795 WP 012000235.1            MNTDDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTTTVGVVIPSIT   75
NTDB id 240 SPD RS09570 WP 000990602.1            MNADDTVTIYDVAREAGVSMATVSRVVNGNKNVKENTRKKVLEVIDRLDYRPNAVARGLASKKTATVGVVIPNIT   75
consensus                                         *****!*!!!!!!!*!!!!!!!!!!!!!!!*!!!!*!!*!!!!*!**!!!!!!!!!!!!!!!*!*!!!!**!*!*

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1          STYFAAITRGVDDIASMYKYNMILANSDNDVEKEEKVLETFLSKQVDGIVYMGSSLDEKIRTSLKNSRTPVVLVG  149
NTDB id 1113401 HMPREF9318 RS10670 WP 006739678.1 NNYFSILAKGIDDIAAMYKYNIVLASSDEDDDKEVNVVNTLFAKQVDGIIFMGHHLTEKIRAEFSRSRTPIVLAG  150
NTDB id 428 SGO RS03795 WP 012000235.1            NSYFSTLAKGIDDIAEMYKYNIVLANSDEDDDKEVSVVNTLFSKQVDGIIFMGYHLTEKIRSEFSRSRTPVVLAG  150
NTDB id 240 SPD RS09570 WP 000990602.1            NGYFSSLAKGIDDIAEMYKYNIVLANSDEDNEKEVSVVNTLFSKQVDGIIYMGYHLTDKIRSEFSRSRTPIVLAG  150
consensus                                         **!!*****!*!!!!*!!!!!**!!*!!*!**!!**!**!***!!!!!!**!!**!**!!!*****!!!!*!!*!

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1          TIDGDKEIPSVNIDYHLAAYQSTKKLIDSGNKKIAYIMGSLK.DVENTERMVGYQEALLEANIERDENLVFEGNY  223
NTDB id 1113401 HMPREF9318 RS10670 WP 006739678.1 TVDLEHQLPSVNIDYKAAVIDVV.NILAENHKQIAYISGPLIDDINGKVRLVGYKEGLKQNKLDFKEGLVFEANY  224
NTDB id 428 SGO RS03795 WP 012000235.1            TIDVEHQLPSVNIDYKQATIDAI.TFLAKRNKKIAFVCGPLVDDINGKVRLSGYKTALKSKKLSYSEGLVFESKY  224
NTDB id 240 SPD RS09570 WP 000990602.1            TVDVEHQLPSVNIDYKQATIDAV.SYLAKENERIAFVSGPLVDDINGKVRLVGYKETLKKAGITYSEGLVFESKY  224
consensus                                         !*!*****!!!!!!!**!***** * *** ***!!***!*!**!*****!**!!***!* *** **!*!!!!* !

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1          SYEQGKALAERLLERGATSAVVSHDTVAVGLLSAMMDKGVKVPEDFEIISGANSPITQYTYPTLTSVNQPLYDLG  298
NTDB id 1113401 HMPREF9318 RS10670 WP 006739678.1 SYKEGFDLAQRVINSGATAAYVAEDELAAGLLNGLFELGKKVPEDFEIITSNDSPVVQYTRPNLSSISQPVYDLG  299
NTDB id 428 SGO RS03795 WP 012000235.1            GYDDGYNLAERVIASKATAAFVTGDELAAGLLNGLADCGVKIPEDFEIITSDDSQISRYTRPNLSTISQPLYDLG  299
NTDB id 240 SPD RS09570 WP 000990602.1            SYDDGYALAERLISSNATAAVVTGDELAAGVLNGLADKGVSVPEDFEIITSDDSQISRFTRPNLTTIAQPLYDLG  299
consensus                                         *!**!**!!*!** **!!*!*!**!**!*!*!******!***!!!!!!!****!*** *!*!*!****!!*!!!!

logo

NTDB id 604 V4T04 RS04035 WP 003129447.1          AVAMRLLTKLMLKEDVEQNQLVLDHEIFSRRSTK...  332
NTDB id 1113401 HMPREF9318 RS10670 WP 006739678.1 AVSMRMLTKIMNKEELEEKEILLNHGIKKRGTTK...  333
NTDB id 428 SGO RS03795 WP 012000235.1            AISMRMLTKIMHKEELEEREVVLSHGIYERNSTRK..  334
NTDB id 240 SPD RS09570 WP 000990602.1            AISMRMLTKIMHKEELEEREVLLPHGLTERSSTRKRK  336
consensus                                         !**!!*!!!!*!*!!**!*****! !*****! *!**
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X non conserved

X similar

X ≥ 50% conserved