```
logo
NTDB id 100593 QUD44 RS08650 WP 286210738.1  MDIEKIEKAFGLVLENIMTIQAELMTDFYDAFVEQNAAYLGALELASLTKENNDKVRSMNLTKSEWQKLFQFVLLQGSRI   80
NTDB id 401 FSA28 RS09370 WP 002291646.1     MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS   80
NTDB id 392 SMU RS09000 WP 002263442.1       MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS   80
consensus                                    !!*!!!!*!**!*!*!*******!*!**!!!**!!!!*!!!!*******!!!!*!*!**!!*!*!!***!!!********

logo
NTDB id 100593 QUD44 RS08650 WP 286210738.1  APMQGNHNLTPDSIGFIFNFIIEELHKDRSIRVLEFGSGTGNLAETLLVHLQKEVDYVGFEVDDLLLDLSASMSEVMGTE  160
NTDB id 401 FSA28 RS09370 WP 002291646.1     QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYIGIEVDDLLIDLSASIADVLDSS  160
NTDB id 392 SMU RS09000 WP 002263442.1       QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYMGIEVDDLLIDLSASIADVLDSS  160
consensus                                    ***!*!!**!!!!!!!!*****!*!*********!*!!!!!!!!!!******!**!!*!*!!!!!!*!!!!!***!****

logo
NTDB id 100593 QUD44 RS08650 WP 286210738.1  ASFLQMDAVKPQPLEAVDVALSDLPVGYYPDDEAASHFQVHDKSEHSYVHHLMIEQSFKYLKESGFALFLAPDNLLTSAQ  240
NTDB id 401 FSA28 RS09370 WP 002291646.1     VHFVQEDAVRPQILKESDVIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ  240
NTDB id 392 SMU RS09000 WP 002263442.1       VHFVQEDAVRPQILKESDIIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ  240
consensus                                    **!*!*!!!!*!!*!***!***!!!!!!*!!*!**!***!!**!**!*!*!!!**!!!!*!!!!**!*!*!!!!**!!!!*!

logo
NTDB id 100593 QUD44 RS08650 WP 286210738.1  SEFLKAWIKEHAHIAAVITLPSSLFKGAGK..SIYLLS.KNQTNTPTFVYPLSDLADRSILQEFMSEFVKNVKI...   311
NTDB id 401 FSA28 RS09370 WP 002291646.1     SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF   317
NTDB id 392 SMU RS09000 WP 002263442.1       SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF   317
consensus                                    !**!!*!******!*!!!*!!***!!******!!**!****!*****!!!!!*!!*!***!**!!**!*!*******
```

X non conserved

X similar

X ≥ 50% conserved