```
logo
NTDB id 1158809 QOR55 RS01140 WP 001008568.1  MNFEKIETAYELILENIQTIENQLKTHIYDALIEQNSYYLGSSCDLDIVVVNNQKLRQLDLSQEEWRRTFQFIFIKSAQT   80
NTDB id 392 SMU RS09000 WP 002263442.1        MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS   80
NTDB id 401 FSA28 RS09370 WP 002291646.1      MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS   80
consensus                                     !*!!!!!*!!*!*!*!*!**!*!!*!!*!!!!!!!!**!!!*****!****!!*!!!!!*!!*!!!!!*!!!!!!!**!*

logo
NTDB id 1158809 QOR55 RS01140 WP 001008568.1  EQLQANHQFTPDSIGFILLFLLEELTSQETVDVLEIGSGTGNLAQTLLNNSSKELNYMGIEVDDLLIDLSASIAEIIGCS  160
NTDB id 392 SMU RS09000 WP 002263442.1        QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYMGIEVDDLLIDLSASIADVLDSS  160
NTDB id 401 FSA28 RS09370 WP 002291646.1      QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYIGIEVDDLLIDLSASIADVLDSS  160
consensus                                     *!!!*!!!!!!!!!!!!!*!*!!!*!!*****!**!!!!!!!!!!*!**!!!!!***!*!!!!!!!!!!!!!!!!!*****!

logo
NTDB id 1158809 QOR55 RS01140 WP 001008568.1  VQFIQEDAVRPQILKESDVIISDLPVGYYPNDDIAKRYAVSSSKEHTYAHHLLMEQSLKYLKKDGIAIFLAPENLLTSPQ  240
NTDB id 392 SMU RS09000 WP 002263442.1        VHFVQEDAVRPQILKESDIIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ  240
NTDB id 401 FSA28 RS09370 WP 002291646.1      VHFVQEDAVRPQILKESDVIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ  240
consensus                                     !*!*!!!!!!!!!!!!!!!*!!!!!!!!*!!!!*!!*!!*!*****!!!!!!!!!!!!!!!!!!!*!*!!!!!!**!!!!*!

logo
NTDB id 1158809 QOR55 RS01140 WP 001008568.1  SDLLKEWLKGYADVIAVLTLPETIFGSRQNAKSIFVLKKQAEQKPETFVYPLTDLQNRENMANFIENFQKWRRENSHYSK  320
NTDB id 392 SMU RS09000 WP 002263442.1        SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF...  317
NTDB id 401 FSA28 RS09370 WP 002291646.1      SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF...  317
consensus                                     !*!!!*!!*******!!**!!!*!!****!*!!!!!!!!!**!**!*!!!!!!!!!**!****!**!!*!!***!**

logo
NTDB id 1158809 QOR55 RS01140 WP 001008568.1  NMIE   324
NTDB id 392 SMU RS09000 WP 002263442.1        ....   317
NTDB id 401 FSA28 RS09370 WP 002291646.1      ....   317
consensus
```

X non conserved
X similar
X $\geq$ 50% conserved