```
logo
NTDB id 406222 GO596 RS02310 WP 157339147.1  MNFENIEAAYGLILENIQLIENELKTHIYDALIEQNSFYLGAEGASEAVAANNEELRQLNLTKEEWRRAFQFIFIKAAQT   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 406222 GO596 RS02310 WP 157339147.1  EALQANHQFTPDAIGFILMFLIENLTASKELDVLEIGSGTGNLAQTLLNNSSKDLNYLGIEVDDLLIDLSASIAEVMDSK  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 406222 GO596 RS02310 WP 157339147.1  AQFVQEDAVRPQILKESDVIISDLPVGFYPNDEIAKRYKVASSEGHTYAHHLLMEQSLKYLKKDGIAVFLAPVSLLTSKQ  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 406222 GO596 RS02310 WP 157339147.1  SDLLKAWLKDYADVIAVITLPESIFGNAANAKSIFVLKKQAEHTPETFVYPLADLQSREVLTDFIDKFKKWNVENMIF  318
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 $\geq$ 50% conserved