```
logo

NTDB id 163517 AT706 RS06365 WP 015483430.1  MKKIRKVWSLKDQARLLKRLGEMTAGGYTLLDGLRLMELQMNKRQAADLTDTVTCLREGAPFYQVLKSLSFHKEAVGICY   80
NTDB id 97 BSU 24720 NP 390352.1             ......................MTAGGYTLLDGLRLMELQMNKRQAADLTDSVTCLREGAPFYQVLKSLSFHKEAVGICY   58
consensus                                    **********************!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 163517 AT706 RS06365 WP 015483430.1  FAETHGELPASMIQSGELLERKIAQSDQLKRVLRYPLFLIFTVAVMFYMLQSIIIPQFSGIYQSMNMETSRSTDMLFAFF  160
NTDB id 97 BSU 24720 NP 390352.1             FAETHGELPASMIQSGELLERKIAQADQLKRVLRYPLFLIFTVAVMFYMLQSIIIPQFSGIYQSMNMETSRSTDMLFAFF  138
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 163517 AT706 RS06365 WP 015483430.1  QHIDLVLILLALFTAGIGIYYWLVFKKKSPARQMLICVRIPLIGKLVKLFNSYFFSLQLSSLLKSGLSIYDSLNAFKHQT  240
NTDB id 97 BSU 24720 NP 390352.1             QHIDLVIILLVLFTAGIGIYYWLVFKKKSPARQMLICIRIPLVGKLVKLFNSYFFSLQLSSLLKSGLSIYDSLNAFKHQT  218
consensus                                    !!!!!!*!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 163517 AT706 RS06365 WP 015483430.1  FLPFYRCEAEQLIERLKAGESIEAAICGSPFYEVDFSKVISHGQLSGRLDRELFTYSQFILQRLEHKAQKWTGILQPMIY  320
NTDB id 97 BSU 24720 NP 390352.1             FLPFYRCEAEQLIERLKAGESIESAICGSLFYETDLSKVISHGQLSGRLDRELFTYSQFILQRLEHKAQKWTGILQPMIY  298
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!! !!!!!*!!! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 163517 AT706 RS06365 WP 015483430.1  GFVAAMILLVYLSMLVPMYQMMNQM  345
NTDB id 97 BSU 24720 NP 390352.1             GFVAAMILLVYLSMLVPMYQMMNQM  323
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved