```
logo

NTDB id 412022 GKS41 RS14340 WP 053284924.1  MKRIKRTWPLKDQAAFLKRLGEMTEKGYSLIEGLRLLKLQLHKRQLAELTDGIRRLREGDAFYQVLEALSFHKEAVSICY   80
NTDB id 97 BSU 24720 NP 390352.1              .....................MTAGGYTLLDGLRLMELQMNKRQAADLTDSVTCLREGAPFYQVLKSLSFHKEAVGICY   58
consensus                                     **********************!!  !!*!**!!!!* !!**!!! !*!!! * *!!!! *!!!!!  !!!!!!!! !!!

logo

NTDB id 412022 GKS41 RS14340 WP 053284924.1  FAEKHGELPGAMKQSGDLLQRKLMQTNQIKKMLRYPMFLISSVCVMFYILQSLIIPQFSGIYQSMNMNTSGATALIFAFF  160
NTDB id 97 BSU 24720 NP 390352.1              FAETHGELPASMIQSGELLERKIAQADQLKRVLRYPLFLIFTVAVMFYMLQSIIIPQFSGIYQSMNMETSRSTDMLFAFF  138
consensus                                     !!! !!!!!* ! !!!*!! !!* !  !*!**!!!!*!!! *!*!!!!*!!!*!!!!!!!!!!!!!! !!  ! **!!!!

logo

NTDB id 412022 GKS41 RS14340 WP 053284924.1  RHFHEACALALSAAFCLFLYVWFLCKKKSPQDKMLIVVKIPLLGKAAVLFNSYFFSLQLSSLLKSGLSIYDSLTAFKEQS  240
NTDB id 97 BSU 24720 NP 390352.1              QHIDLVIILLVLFTAGIGIYYWLVFKKKSPARQMLICIRIPLVGKLVKLFNSYFFSLQLSSLLKSGLSIYDSLNAFKHQT  218
consensus                                      ! *  * ! *    ** *! ! **!!!!!   !!!***!!!*!!   !!!!!!!!!!!!!!!!!!!!!!!!! !!!*!*

logo

NTDB id 412022 GKS41 RS14340 WP 053284924.1  FLPFYREEAEMLITRLKAGETIESALSGHPCYEKDLAAAVSHGQANGRLHRELYTYSQFMMERLEQNAAKYTGILQPVIY  320
NTDB id 97 BSU 24720 NP 390352.1              FLPFYRCEAEQLIERLKAGESIESAICGSLFYETDLSKVISHGQLSGRLDRELFTYSQFILQRLEHKAQKWTGILQPMIY  298
consensus                                     !!!!!!*!!! !! !!!!!!*!!!!**!***!! !!    *!!!!  !!!*!!!*!!!!!** !!!* ! !*!!!!!!*!!

logo

NTDB id 412022 GKS41 RS14340 WP 053284924.1  GVVAGMILIVYMSMLMPMYQMMNQM   345
NTDB id 97 BSU 24720 NP 390352.1              GFVAAMILLVYLSMLVPMYQMMNQM   323
consensus                                     ! !!*!!!*!!*!!!*!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved