```
logo

NTDB id 118236 AJ82 RS11640 WP 015240211.1  MKRIKRTWPLKDQAAFLKRLGEMTEKGYSLIEGLRLLQLQLHKRQLAELTDGIRRLREGDAFYQVLEALSFHKEAVSICYFAEKH   85
NTDB id 97 BSU 24720 NP 390352.1            .......................MTAGGYTLLDGLRLMELQMNKRQAADLTDSVTCLREGAPFYQVLKSLSFHKEAVGICYFAETH   63
consensus                                   **********************!!  !!*!**!!!!* !!**!!! !*!!! * *!!!! *!!!!!  !!!!!!!! !!!!!! !

logo

NTDB id 118236 AJ82 RS11640 WP 015240211.1  GELPGAMKQSGDLLQRKLMQTNQIKKMLRYPMFLISSVCVMFYILQSLIIPQFAGIYQSMNMNTSGATAFIFAFFRHFHEACALA  170
NTDB id 97 BSU 24720 NP 390352.1            GELPASMIQSGELLERKIAQADQLKRVLRYPLFLIFTVAVMFYMLQSIIPQFSGIYQSMNMETSRSTDMLFAFFQHIDLVIILL  148
consensus                                   !!!!* ! !!!*!! !!* !  !*!**!!!!*!!! *!*!!!!*!!!*!!!!! !!!!!!!! !!  !  *!!!! ! *  * !

logo

NTDB id 118236 AJ82 RS11640 WP 015240211.1  LSAAFCLFLYVWFLCKKKSPQDKMLIVVKIPLLGKAAVLFNSYFFSLQLSSLLKSGLSIYDSLTAFKEQSFLPFYREEAEMLITR  255
NTDB id 97 BSU 24720 NP 390352.1            VLFTAGIGIYYWLVFKKKSPARQMLICIRIPLVGKLVKLFNSYFFSLQLSSLLKSGLSIYDSLNAFKHQTFLPFYRCEAEQLIER  233
consensus                                   *    ** *! ! **!!!!!   !!!***!!!*!!   !!!!!!!!!!!!!!!!!!!!!!!!! !!!*!*!!!!!!*!!! !! !

logo

NTDB id 118236 AJ82 RS11640 WP 015240211.1  LKAGETIESALSGHPCYEKDLAAAVSHGQANGLLHRELYTYSQFMMERLEQNAAKYTGILQPVIYGVVAGMILIVYMSMLMPMYQ  340
NTDB id 97 BSU 24720 NP 390352.1            LKAGESIESAICGSLFYETDLSKVISHGQLSGRLDRELFTYSQFILQRLEHKAQKWTGILQPMIYGFVAAMILLVYLSMLVPMYQ  318
consensus                                   !!!!!*!!!!**!***!! !!   *!!!!  ! !*!!!*!!!!** !!!* ! !*!!!!!!*!!! !!*!!!*!!*!!!*!!!!

logo

NTDB id 118236 AJ82 RS11640 WP 015240211.1  MMNQM   345
NTDB id 97 BSU 24720 NP 390352.1            MMNQM   323
consensus                                   !!!!!
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X non conserved
X similar
X ≥ 50% conserved