```
logo
NTDB id 1089180 ACLNGX RS16965 WP 317461593.1  ....MSEGASEFSEVRDFFYGRHLLRAEIPFSDQRINRFI....EKEYITAEPSIIRRKNRYVCQRCGQSDQACFAAFWA   72
NTDB id 108 BSU 35470 NP 391427.1              MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHI....KNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS   76
NTDB id 615 LCA RS02545 WP 011374200.1         ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
consensus                                          *    *   **      ****** ** !**  *   *        *!*******  ! !**!*!!*!***  *  *

logo
NTDB id 1089180 ACLNGX RS16965 WP 317461593.1  PSAKRQITYCRACVMMGRADELTSLYSWNQAPENSWEPVKLSWEGTLTDGQKQAAAALTDAIKERQELLVWAVCGSGKTE  152
NTDB id 108 BSU 35470 NP 391427.1              ..SGKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTE  154
NTDB id 615 LCA RS02545 WP 011374200.1         .CLPDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE  135
consensus                                          *** !!* !***!!* !   !!** *  *  *  *!!*!*! !* *! *!!*******  * *****!!*!*!!!!

logo
NTDB id 1089180 ACLNGX RS16965 WP 317461593.1  MLFPGIEFALNQGLRVCVATPRTDVVLELLPRLKKAFEKVDVSALYGGSEDKGRLTPLMISTAHQLMRYRDIFDVMIIDE  232
NTDB id 108 BSU 35470 NP 391427.1              MLFPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDE  234
NTDB id 615 LCA RS02545 WP 011374200.1         MLFQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDE  215
consensus                                      !!!*!!* !!**!*!!!*!*!!**!*!!! !!!**!!   ******!*****!***!*!*!*!!!*****!**!*!!

logo
NTDB id 1089180 ACLNGX RS16965 WP 317461593.1  VDAFPFSADETLRFAVDKARKKNSALVYVTATPSDTLKKNAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLQKGKL  312
NTDB id 108 BSU 35470 NP 391427.1              VDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKI  314
NTDB id 615 LCA RS02545 WP 011374200.1         VDAFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRL  295
consensus                                      !!!!!**** *! *!!**!*!****!*!**!!!*  *!* * **** ****!*!*!***!!!!******!!***!*****

logo
NTDB id 1089180 ACLNGX RS16965 WP 317461593.1  PRSVTDWVRQKLQSQLPVFLFVPSVHVLKKTTDYFQKL..NIRAEGVHAEDTFRKDKVKRFRDGLLDLLVTTTILERGVT  390
NTDB id 108 BSU 35470 NP 391427.1              PPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVT  392
NTDB id 615 LCA RS02545 WP 011374200.1         PKRLERDCQTYLK.TQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT  374
consensus                                      !* * ***   **   ***!!!!*! *! * *  *  *   *! ***!!*!  ***!*  !!*****!**!!!!!!!!!!

logo
NTDB id 1089180 ACLNGX RS16965 WP 317461593.1  VPKVQTCVLGAEAPIFTESALVQIAGRTGRHYKHFSGDVVMFHFGMTNGMKKAKKHIEHMNKLAQKSKLLD  461
NTDB id 108 BSU 35470 NP 391427.1              VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD  463
NTDB id 615 LCA RS02545 WP 011374200.1         FKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV  445
consensus                                      ***!** !!!!!  *!*!**!!!!!!!*!!!**** **!****** !**** !***!* *! ** **  **
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X non conserved

X similar

X ≥ 50% conserved