```
logo
NTDB id 1019876 AB0R64 RS16775 WP 032876163.1  ....MSEGASEFSEVRDFFYGRHLLRSEIPFSDQRINGFI....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 1019876 AB0R64 RS16775 WP 032876163.1  SFAKRQITYCRACVMMGRADELTSLYSWNQASENSWEPVKLSWEGTLTDGQKQAAAALTDAIKERQELLVWAVCGSGKTE  152
NTDB id 108 BSU 35470 NP 391427.1              S..GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTE  154
NTDB id 615 LCA RS02545 WP 011374200.1         .CLPDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE  135
consensus                                      *   *** !!* !***!!* !   !!** *  *  *  *!!*!*! !* *! *!!********  * *****!!*!*!!!!

logo
NTDB id 1019876 AB0R64 RS16775 WP 032876163.1  MLFPGIEFALNHGLRVCVATPRTDVVLELLPRLKKAFEKVEVSALYGGSEDKGRLTPLMISTAHQLMRYRDIFDVVIIDE  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 1019876 AB0R64 RS16775 WP 032876163.1  VDAFPFSADETLRFAVDKARKKNSALVYVTATPSDTLKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLQKGKL  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 1019876 AB0R64 RS16775 WP 032876163.1  PRSVTDWVCQKLQLQLPVFLFVPSVHVLKKTTDYFQKL..NIRAEGVHAEDTFRKDKVKRFRDGRLDLLVTTTILERGVT  390
NTDB id 108 BSU 35470 NP 391427.1              PPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVT  392
NTDB id 615 LCA RS02545 WP 011374200.1         PKRLERD.CQTYLKTQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT  374
consensus                                      !* * ***** *    ***!!!!*! *! * *  *  *   *! ***!!*!  ***!*  !!*****!**!!!!!!!!!!

logo
NTDB id 1019876 AB0R64 RS16775 WP 032876163.1  VPKVQTCVLGAEAPIFTESALVQIAGRTGRHYKHFSGDVIMFHFGITNGMKKAKKHIEHMNKLAQKSKLLD  461
NTDB id 108 BSU 35470 NP 391427.1              VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD  463
NTDB id 615 LCA RS02545 WP 011374200.1         FKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV  445
consensus                                      ***!** !!!!!  *!*!**!!!!!!!*!!!**** **!****** !**** !***!* *! ** **  **
```

X non conserved

X similar

X ≥ 50% conserved