```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQNNNYS....LPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..L    58
NTDB id 346002 EXW49 RS25465 WP 215588612.1 ................MLAGRQLLLEELSSDLQNKLDHLKRNRDVVCVQGVIKKSSKYMCQRCGNIEQRLFVSLLCKRC    63
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDE.MIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..S    77
consensus                                                 * ** *!***  *!* * ** **   **  *   ***** * ***!*!!****** *    *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      PDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLF   138
NTDB id 346002 EXW49 RS25465 WP 215588612.1 NEVCTYCRKCITMGRVSECTVLVRGIAEISGESYLNPLQWEGVLSDGQELAAQSVVDAVKQKESFFIWAVCGAGKTEMLF   143
NTDB id 108 BSU 35470 NP 391427.1           GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLF   157
consensus                                    * * !!* !***!!**!   !**  **   *  * *!*!*! !* *!**!!* *****  **  ***!!*!!!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      QGILVALQKGQRVCIATPRTDVVLELAPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDA   218
NTDB id 346002 EXW49 RS25465 WP 215588612.1 RGIAEALQKGERVCIATPRTDVVLELAPRLQEVFPNINVAALYGGSLDREKDAALIVATTHQLLRYYRAFHVMIVDEIDA   223
NTDB id 108 BSU 35470 NP 391427.1           PGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDA   237
consensus                                    !!  !!**! !!!*!*!!**!*!!!*!!!***!    * ***!** ** * * !** !!!!!!*** !****!*!!*!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      FPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKR   298
NTDB id 346002 EXW49 RS25465 WP 215588612.1 FPYHADKMLQYAVNEAMKEKAARIYLTATPDEKWKRKLRSGKQKGVIISGRYHRHPLPVPIFRWCGNWKKGLIRKKIPRA   303
NTDB id 108 BSU 35470 NP 391427.1           FPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPA   317
consensus                                   !!* ** *!**!!* ! ! * ***!!*!!!   *!!**  ***  * ***!*!***!!*! * ***!!** ! * **!**

logo
NTDB id 615 LCA RS02545 WP 011374200.1      LERDCQTYLK.TQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKN   377
NTDB id 346002 EXW49 RS25465 WP 215588612.1 LLQWLNLYLSKRCPIFLFVPHVRYVEEISGLLKSL..NNQIDGVHAEDPARKEKVAAFRKGEIPLLVTTTILERGVTVKN   381
NTDB id 108 BSU 35470 NP 391427.1           VKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPK   395
consensus                                   * **** ***   ***!!!! !**** *** ****    *****!!*!* ***!* *!! *** !**!!!!!!!!!!***

logo
NTDB id 615 LCA RS02545 WP 011374200.1      VAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 346002 EXW49 RS25465 WP 215588612.1 LQVAVLGAEEEIFSESALVQIAGRAGRSSDEPHGDVIYFHYGKTEAMVRAKKHIQSMNKNAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           VQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   ****!!!!!  *!*!**!!!!!!!*!!***** **!*******!**** !***!***!  ****  **
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X non conserved

X similar

X ≥ 50% conserved