```
logo
NTDB id 615 LCA RS02545 WP 011374200.1        ............MGQQVIACGRQFTAAQLADTQNN....NYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..L   58
NTDB id 345337 EXW30 RS24790 WP 215570662.1   ................MLAGRQLLLEELSSELQDKLDHLKENRDVVCVQGVSKKSSKYMCQRCGNIEQRLFASFLCKRC   63
NTDB id 108 BSU 35470 NP 391427.1             MNVPVEKNSSFSKELQQTLRSRHLLRTELSFS.DEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..S   77
consensus                                                  * ** *!***  *!* * ** **    *  *   ***** * ***!*!!****** *  * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1        PDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLF   138
NTDB id 345337 EXW30 RS24790 WP 215570662.1   SKVCTYCRKCITMGRVSECAVLVRGIAEISGENYLNPLQWEGVLSAGQELAAQSVVDAVKQKESFFIWAVCGAGKTEMLF   143
NTDB id 108 BSU 35470 NP 391427.1             GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLF   157
consensus                                      * * !!* !***!!**!   !**  **   ** * *!*!*! !* *!**!!* *****  **  ***!!*!!!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        QGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDA   218
NTDB id 345337 EXW30 RS24790 WP 215570662.1   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 345337 EXW30 RS24790 WP 215570662.1   FPYHADKMLHYAVNEAMKEEAARIYLTATPDEKWKRKLRNGKQKGVIISGRYHRHPLPVPIFRWCGNWKKGLMRKKIPRA   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 345337 EXW30 RS24790 WP 215570662.1   LLQWLNMYLSKRYPIFLFVPHVRYVEEISGLLKSL..NNQIDGVHAEDPARKEKVVAFRKGEIPLLVTTTILERGVTVKN   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 345337 EXW30 RS24790 WP 215570662.1   LQVAVLGAEEEIFSESALVQIAGRAGRSSDEPHGDVIYFHYGKTEAMVRAKKHIQSMNKNAQEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1             VQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                     ****!!!!!  *!*!**!!!!!!!*!!***** **!*******!**** !***!***!  * **  **
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X non conserved

X similar

X ≥ 50% conserved