```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQNNNY.....SLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..   57
NTDB id 346453 EXW41 RS25265 WP 215558973.1 ................MLTGKQLLLEELSSDLRDTLQDLK.KKREVVCVQGVKKKASKYMCQRCGNIEQRLFASFLCKR   62
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSF..SDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..   76
consensus                                                 * ** *****  *!*    * * *   *   *   *** * * ***!*!!****** *  * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      LPDGRHYCAQCLLFGRLVEGDWLYIVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEML  137
NTDB id 346453 EXW41 RS25265 WP 215558973.1 CSKVCTYCRKCITMGRVSECAVLVRGIAERKGEKGINSLQWNGTLSTGQDLAAQGVIEAIKKKDSFFIWAVCGAGKTEML  142
NTDB id 108 BSU 35470 NP 391427.1           SGKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEML  156
consensus                                     * * !!* !***!!**!   !**  **   *  * *!*!*! !***!**!!****!** ***  ***!!*!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      FQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVD  217
NTDB id 346453 EXW41 RS25265 WP 215558973.1 FYGMEEALRKGERVCIATPRTDVVLELAPRLQKVFPNVNVASLYGGSEDRDKDAALVVATTHQLLRYYRAFHVMIVDEID  222
NTDB id 108 BSU 35470 NP 391427.1           FPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVD  236
consensus                                    ! !** !!**! !!!*!*!!**!*!!!*!!!***!    *  **!***** * * !** !!!!!!*** !****!*!!*!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      AFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPK  297
NTDB id 346453 EXW41 RS25265 WP 215558973.1 AFPYHADQMLQYAVQQAMKEKAARIYLTATPDEKWKRNFRSGKQKGIIVSGRYYRHPLPVPLFCWCGNWKKSLHQKKIPR  302
NTDB id 108 BSU 35470 NP 391427.1           AFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPP  316
consensus                                    !!!* ****!**!!**! ! * ***!!*!!!   *!!    ***  * ***!*****!!*! * ***!!** ! * **!*

logo
NTDB id 615 LCA RS02545 WP 011374200.1      RLERDCQTYLK.TQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFK  376
NTDB id 346453 EXW41 RS25265 WP 215558973.1 FLLQWLEMYVSKKYPIFLFVPHVRYIEELSLILKTLD..PRIDGVHAEDAMRKEKVAAFRKGEIPLLVTTTILERGVTVK  380
NTDB id 108 BSU 35470 NP 391427.1           AVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGVH..CRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVP  394
consensus                                     * **** ***   ***!!!! !**** **  ****    !***!!*!  ***!* *!! *** !**!!!!!!!!!!**

logo
NTDB id 615 LCA RS02545 WP 011374200.1      NVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 346453 EXW41 RS25265 WP 215558973.1 NLQVAVLGAEEEIFSESALVQIAGRAGRSFEEPYGEVVYFHCGKTEAMVRAKRHIQSMNKKAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           KVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   *****!!!!!  *!*!**!!!!!!!*!!***** **!**** **!**** !***!***! *****  **
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X non conserved

X similar

X ≥ 50% conserved