```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQNNNYS.....LPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..   57
NTDB id 212083 BEI48 RS02165 WP 000879417.1 ................MLAGKQLLLEELPSDLRRELSD.LKKEGEVICVQGVIKKASKYICQRCGNIEQRLFASFLCKR   62
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELS..FSDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..   76
consensus                                                 * ** *****  *!      ****   * * *   ***** * ***!*!!****** *  * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      LPDGRHYCAQCLLFGRLVEGDWLYIVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEML  137
NTDB id 212083 BEI48 RS02165 WP 000879417.1 CSKVCTYCRKCITMGRVSECAVLVRGIHERKGERELHSLQWKGSLSLGQELAAQGVIEAIKQKESFFIWAVCGAGKTEML  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 212083 BEI48 RS02165 WP 000879417.1 FYGIEEALQKGERVCIATPRTDVVLELVPRLQEVFPSINVAALYGGSVDREKDAALVVATTHQLLRYYRAFHVMIVDEID  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 212083 BEI48 RS02165 WP 000879417.1 AFPYHADQMLQYAVQQAMKEKAARIYLTATPDEKWKRNFRTGKQKGIIVSCRYHRHPLPVPLFSWCGNWKKSLHHKKIPR  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 212083 BEI48 RS02165 WP 000879417.1 VLLQWLKMYVNKKYPIFLFVPHVRYIEEIGLLLKGL..DHRIDGVHAEDPMRKEKVEAFRKGDIPLLVTTTILERGVTVK  380
NTDB id 108 BSU 35470 NP 391427.1           AVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVP  394
consensus                                    * ***  ***   ***!!!! !**** **  ****    !****!!*!* ***!* *!! *** !**!!!!!!!!!!**

logo
NTDB id 615 LCA RS02545 WP 011374200.1      NVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 212083 BEI48 RS02165 WP 000879417.1 NLQVAVLGAEEEIFSESALVQIAGRAGRSFEEPYGEVVYFHYGKTESMVRAKRHIQSMNKSAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           KVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   ****!!!!!   *!*!**!!!!!!!*!!***** **!*******!**** !***!***!   ****  **
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X non conserved

X similar

X ≥ 50% conserved