```
logo
NTDB id 1082359 ACK2VN RS01600 WP 000900493.1  ................MLGGKQLLLEELSSDLRRELSDLKKRGEVVCVQGITKNTSKYICQRCGNIEQRLFASFLCKRC   63
NTDB id 108 BSU 35470 NP 391427.1              MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSD.EMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYH..SS   77
NTDB id 615 LCA RS02545 WP 011374200.1         ............MGQQVIACGRQFTAAQLADTQNNN....YSLPQIKRRPAFLRVKHRLVCQRCQQVVPP....QTCL..   58
consensus                                                 * ** *****  *!* *    *    * * *   ******* ***!*!!****** *  * *

logo
NTDB id 1082359 ACK2VN RS01600 WP 000900493.1  GKACAYCRKCITMGRVSECAVLVRGIHERNGDRELNPLQWNGALSIGQELAAQGVIEAIKQKESFFIWAVCGAGKTEMLF  143
NTDB id 108 BSU 35470 NP 391427.1              GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLF  157
NTDB id 615 LCA RS02545 WP 011374200.1         PDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLF  138
consensus                                      **** !!* !***!!**!   !**  **   *  * *!*!*! !* *!**!!****!**  **  ***!!*!!!!!!!!!

logo
NTDB id 1082359 ACK2VN RS01600 WP 000900493.1  YGIEEALQKGERVCIATPRTDVVLELAPRLQEVFPSITVAALYGGSVDHKKDAALVVATTHQLLRYYRAFHVMIVDEIDA  223
NTDB id 108 BSU 35470 NP 391427.1              PGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDA  237
NTDB id 615 LCA RS02545 WP 011374200.1         QGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDA  218
consensus                                       !!* !!**! !!!*!*!!**!*!!!*!!!***! * ** ***!** *  * * !** !!!!!!*** !****!*!!*!!

logo
NTDB id 1082359 ACK2VN RS01600 WP 000900493.1  FPYHADQMLQYAVRQAMKEKAARIYLTATPDEKWKRNFRKGKQKGVIVSCRYHRHPLPVPLFSWCGNWKKSLHHKKIPRV  303
NTDB id 108 BSU 35470 NP 391427.1              FPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPA  317
NTDB id 615 LCA RS02545 WP 011374200.1         FPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKR  298
consensus                                      !!* ****!**!! *! ! * ***!!*!!!   *!!    ***  * ***!*!***!!*! * ***!!** ! * **!*

logo
NTDB id 1082359 ACK2VN RS01600 WP 000900493.1  LLQWLKMNLNKKYPIFLFVPHVRYIEEISQLLKGL..DNRIDGVHAEDSMRKEKVASFRKGDIPLLVTTTILERGVTVKN  381
NTDB id 108 BSU 35470 NP 391427.1              VKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPK  395
NTDB id 615 LCA RS02545 WP 011374200.1         LERDCQTYL.KTQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKN  377
consensus                                      * ***   * *  ***!!!! !**** *** ****    !****!!*!  ***!*  !! *** !**!!!!!!!!!!***

logo
NTDB id 1082359 ACK2VN RS01600 WP 000900493.1  LQVAVLGAEEEIFSESALVQIAGRAGRSFEEPYGEVMYFHYGKTEAMVRAKKHIQSMNKNAKEQGLID  449
NTDB id 108 BSU 35470 NP 391427.1              VQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD  463
NTDB id 615 LCA RS02545 WP 011374200.1         VAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV  445
consensus                                      ****!!!!!  *!*!**!!!!!!!*!!***** **!*******!**** !***!***!  ****  **
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X non conserved

X similar

X ≥ 50% conserved