```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQ....NNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..L   58
NTDB id 363292 EUC39 RS06475 WP 000879410.1 ................MLAGKQLLLDELSSDLQRELNDLKKKGEVVCVQGVKKKASKYVCQRCGNIEQRLFASFLCKRC   63
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSD.EMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..S   77
consensus                                                 * ** *****  *!* *    **   * * *   *** * * ***!*!!***** *  * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      PDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLF  138
NTDB id 363292 EUC39 RS06475 WP 000879410.1 SKVCTYCRKCITMGRVSECALLVRGIAERKREKNLNLLRWSGTLSTGQNLAAQGVIEAIKRKESFFIWAVCGAGKTEMLF  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 363292 EUC39 RS06475 WP 000879410.1 YGINEALQKGERVCIATPRTDVVLELAPRLQEVFPYIKVAALYGGSVDKEKDAVLVVATTHQLLRYYRAFHVMVVDEIDA  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 363292 EUC39 RS06475 WP 000879410.1 FPYCADQMLQYAVKQAMKERAARIYLTATPDETWKRKFRRGEQKGVIVSGRYHRHPLPVPLFCWCGNWKKSLIHKRIPRV  303
NTDB id 108 BSU 35470 NP 391427.1           FPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPA  317
consensus                                   !!* ****!**!! *! ! * ***!!*!!!   *!!*   ***  * ***!*!***!!*! * ***!!** ! * **!*

logo
NTDB id 615 LCA RS02545 WP 011374200.1      LERDCQTYLKT.QQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKN  377
NTDB id 363292 EUC39 RS06475 WP 000879410.1 LLQWLQTYLNKKYPIFLFVPHVRYIEEISLLLKSL..NKRIEGVHAEDPGRKEKVAAFRKGEIPLLVTTTILERGVTVKN  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 363292 EUC39 RS06475 WP 000879410.1 LQVAVLGAEEEIFSESALVQIAGRAGRSFEAPYGEVVYFHYGKTEAMVRAKKHIQGMNKNAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           VQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   ****!!!!!  *!*!**!!!!!!!*!!***** **!*******!**** !***!* *!  ****  **
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X non conserved

X similar

X ≥ 50% conserved