```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQ....NNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..L   58
NTDB id 178095 BTI247 RS27030 WP 069356508.1 ................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 178095 BTI247 RS27030 WP 069356508.1 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 178095 BTI247 RS27030 WP 069356508.1 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 178095 BTI247 RS27030 WP 069356508.1 FPYCADQMLQYAVKQAMKERAARIYLTATPDETWKRKFRRGEQKGVIVSGRYHRHPLPVPLFYWCGNWKKSLIHKRIPRV   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 178095 BTI247 RS27030 WP 069356508.1 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 178095 BTI247 RS27030 WP 069356508.1 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