```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADT....QNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..LPDGRH   63
NTDB id 181845 DA68 RS21875 WP 025966390.1  ................MLAGKQLLLEELSSDLQRELNDLKKKGEIVCVQGVKKKNSKYMCQRCGNVDRRLFASFLCKRCSKVCA   68
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFS.DEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..SGKNKL   82
consensus                                                 * ** *****  *!* *    **   * * !   *** * * ***!*!!**** * *  * *    * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      YCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVALQKG  148
NTDB id 181845 DA68 RS21875 WP 025966390.1  YCRKCITMGRVSECAVLVRGIAERKREKNSNLLQWNGTLSTGQNLAAQGVIEAIKQKESFFIWAVCGAGKTEMLFYGINEALQKG  153
NTDB id 108 BSU 35470 NP 391427.1           YCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESALNQG  167
consensus                                   !!* !***!!**!   !**  **   * ** *!*!*! !***!**!!*****!**  **  ***!!*!!!!!!!!! !!  !!**!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      QRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATAVEQ  233
NTDB id 181845 DA68 RS21875 WP 025966390.1  ERVCIATPRTDVVLELAPRLQEVFPYIKVAALYGGSVDKEKDAVLVVATTHQLLRYYRAFHVMVVDEIDAFPYCADQMLQYAVKQ  238
NTDB id 108 BSU 35470 NP 391427.1           LRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQK  252
consensus                                    !!!*!*!!**!*!!!*!!!***!    * ***!** ** * * !** !!!!!!*** !******!!*!!!!* ***!**!! *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      ACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLKT.QQILLFVP  317
NTDB id 181845 DA68 RS21875 WP 025966390.1  AMKEKAARIYLTATPDETWKRKLKQGKQKGVIVSGRYHRHPLPVPLFCWCGNWKKNLIHKRIPRVLLQWLQTYLNKKSPIFLFVP  323
NTDB id 108 BSU 35470 NP 391427.1           ARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVFLFVP  337
consensus                                   ! ! * ***!!*!!!   *!!** ****  * ***!*!***!!*! * ***!!***! * **!* * ********   ***!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      QVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQIAGRA  402
NTDB id 181845 DA68 RS21875 WP 025966390.1  HVRYIEEISLLLKPL..NNRIEGVHAEDPGRKEKVAAFRKGEIPLLVTTTILERGVTVKNLQVAVLGAEEEIFSESALVQIAGRA  406
NTDB id 108 BSU 35470 NP 391427.1           SVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGRT  420
consensus                                    !**** **  ** *    !****!!*!* ***!* *!! *** !**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  *!*!**!!!!!!!*

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 181845 DA68 RS21875 WP 025966390.1  GRSFEAPYGEVIYFHYGKTEAMVRAKKHIQGMNKNAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           GRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   !!***** **!*******!**** !***!* *!  ****  **
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X non conserved

X similar

X ≥ 50% conserved