```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQNN...NY..SLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..LPDGR   62
NTDB id 128812 AS86 RS27265 WP 002083580.1  ................MLAGKQLLLDELSSDLQRELND.LKRKGEVICVQGVKKKNSKYMCQRCGNVDQRLFASFLCRRCSKVC   67
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSF..SDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..SGKNK   81
consensus                                                 * ** *****  *!*   * ** **  * * *   *** * * ***!*!!****** *  * *    * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      HYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVALQK  147
NTDB id 128812 AS86 RS27265 WP 002083580.1  TYCRKCITMGRVSECAVLVRGIAERKREKKLNLLQWNGKLSTGQNLAAQGVVEAIKQKESFFIWAVCGAGKTEMLFYGINEALQK  152
NTDB id 108 BSU 35470 NP 391427.1           LYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESALNQ  166
consensus                                    !!* !***!!**!   !**  **   * ** *!*!*!*!***!**!!****!**  **  ***!!*!!!!!!!!! !!  !!**

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATAVE  232
NTDB id 128812 AS86 RS27265 WP 002083580.1  GERVCIATPRTDVVLELAPRLQEVFPYIKVAALYGGSVDKEKDAVLVVATTHQLLRYYRAFHVMVVDEIDAFPYCADQMLQYAVK  237
NTDB id 108 BSU 35470 NP 391427.1           GLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQ  251
consensus                                   ! !!!*!*!!**!*!!!*!!!***!    * ***!** ** * * !** !!!!!!*** !******!!*!!!!* ****!**!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      QACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLKT.QQILLFV  316
NTDB id 128812 AS86 RS27265 WP 002083580.1  QAMKERAARIYLTATPDETWKRKFRKGEQKGVIVSGRYHRHPLPVPLFCWCGNWKKSLIHKRIPRVLLQWLQTYLNKKHPIFLFV  322
NTDB id 108 BSU 35470 NP 391427.1           KARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVFLFV  336
consensus                                   *! ! * ***!!*!!!    *!!*   ***  * ***!*!***!!*! * ***!!** ! * **!* * ********   ***!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      PQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQIAGR  401
NTDB id 128812 AS86 RS27265 WP 002083580.1  PHVRYIEEISLLLKSL..NKRIEGVHAEDPGRKEKVAAFRKGEIPLLVTTTILERGVTVKNLQVAVLGAEEEIFSESALVQIAGR  405
NTDB id 108 BSU 35470 NP 391427.1           PSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGR  419
consensus                                   ! !**** **  ****    !****!!*!* ***!* *!! *** !**!!!!!!!!!!!!!!******!!!!!  *!*!**!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      AGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 128812 AS86 RS27265 WP 002083580.1  AGRSFEAPYGEVIYFHYGKTEAMVRAKKHIQGMNKNAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           TGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   *!!***** **!*******!**** !***!* *!  ****  **
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X non conserved

X similar

X ≥50% conserved