```
logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..LPD    60
NTDB id 42464 BCOA RS19820 WP 014095892.1   ......MPSVFSEQLQRHLAGRILFEPEIPFSPELLD....QHFKQGWIRAEPAIQGEFPHCVCLRCGNRAPHLFAEFPCAHCGK    75
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIE....WHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYH..SSGK    79
consensus                                          * **  **  * ** **  ** !* ****    *******!******   * * *!*!!**  *  *  * *   **

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GRHYCAQCLLFGRLVEGDWLYTVPE.CHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVA   144
NTDB id 42464 BCOA RS19820 WP 014095892.1   TSIYCRNCLMMGRVTACKPLITWAGPAPAFHSPRHPLHWDGTLSEGQQAASEAVKAAILQKNELLIWAVCGSGKTEIVFKGIEAA   160
NTDB id 108 BSU 35470 NP 391427.1           NKLYCRSCVMMGRVSEEVPLYSWKEENESN.WKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESA   163
consensus                                    **!!**!***!!***  *!*** *    *     *!*!*! !* *!**!********  * *****!!*!*!!!!**! !!* !

logo
NTDB id 615 LCA RS02545 WP 011374200.1      LGKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLAT   229
NTDB id 42464 BCOA RS19820 WP 014095892.1   LANGERVCIATPRTDVVLELAPRFRRVFPDIPIAALYGGSPDRHKWAQLVISTTHQLYRFASAFDVVIVDEVDAFPYTFDETLQC   245
NTDB id 108 BSU 35470 NP 391427.1           LNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQF   248
consensus                                   !**! !!!*!*!!**!*!!!*!!****!    ! ***!** ** ****!*!*!!!!!***  !*!**!*!!!!!!!* * *!*

logo
NTDB id 615 LCA RS02545 WP 011374200.1      AVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQIL   313
NTDB id 42464 BCOA RS19820 WP 014095892.1   AVQKAAKDRCARIYLTATPSETWQLECKTGKRPFVTIPARYHRKPLPVPVFKWAGNWRKKFEKGKLPVPVEAWVKKRLESGKQAL   330
NTDB id 108 BSU 35470 NP 391427.1           AVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVF   333
consensus                                   !!**! ! *****!!*!!!*  ***    ***  * *!*!*!***!!*! * ***!!**** ****!  *****   ** *****

logo
NTDB id 615 LCA RS02545 WP 011374200.1      LFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQI   398
NTDB id 42464 BCOA RS19820 WP 014095892.1   LFLPNIRLMKKAEPVFKQLHP..AIESVHAEDPDRKEKVERMRAGKTPLLLTTTILERGVTFPNIDVCVVGAEDAIFTEAALVQI   413
NTDB id 108 BSU 35470 NP 391427.1           LFVPSVSILEKAAACFKGVHC..RTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQI   416
consensus                                   !!*!***** ***  ** ***  *****!!*!*****!*  *!**** !**!!!!!!!!!!**** * !*!!!  *!*!**!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      AGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV.   445
NTDB id 42464 BCOA RS19820 WP 014095892.1   AGRAGRSADFPSGDVTFFHYGKSNAMVKAQRHILSMNEEAGKRGLLDA   461
NTDB id 108 BSU 35470 NP 391427.1           AGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD.   463
consensus                                   !!!*!!***** **!  ********** ! **!***!* ****  **
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X non conserved

X similar

X ≥50% conserved