```
logo
NTDB id 615 LCA RS02545 WP 011374200.1        ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC   57
NTDB id 261306 CYJ15 RS04305 WP 014095892.1   ......MPSVFSEQLQRHLAGRILFEPEIPFSPELLD....QHFKQGWIRAEPAIQGEFPHCVCLRCGNRAPHLFAEFPC   70
NTDB id 108 BSU 35470 NP 391427.1             MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIE....WHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYH.   75
consensus                                             * **  **  * ** **  ** !* ****    *******!******   * * *!*!!**  *  *  * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1        ..LPDGRHYCAQCLLFGRLVEGDWLYTVPE.CHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLIAVTGAGKT  134
NTDB id 261306 CYJ15 RS04305 WP 014095892.1   AHCGKTSIYCRNCLMMGRVTACKPLITWAGPAPAFHSPRHPLHWDGTLSEGQQAASEAVKAAILQKNELLIWAVCGSGKT  150
NTDB id 108 BSU 35470 NP 391427.1             .SSGKNKLYCRSCVMMGRVSEEVPLYSWKEENESN.WKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKT  153
consensus                                        ** **!!**!***!!***  *!*** *    *     *!*!*! !* *!**!*********  * *****!!*!*!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        EMLFQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVD  214
NTDB id 261306 CYJ15 RS04305 WP 014095892.1   EIVFKGIEAALANGERVCIATPRTDVVLELAPRFRRVFPDIPIAALYGGSPDRHKWAQLVISTTHQLYRFASAFDVVIVD  230
NTDB id 108 BSU 35470 NP 391427.1             EMLFPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIID  233
consensus                                     !**! !!* !!**! !!!*!*!!**!*!!!*!!****!    ! ***!** ** ****!*!*!!!!!***  !*!**!*!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        EVDAFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGR  294
NTDB id 261306 CYJ15 RS04305 WP 014095892.1   EVDAFPYTFDETLQCAVQKAAKDRCARIYLTATPSETWQLECKTGKRPFVTIPARYHRKPLPVPVFKWAGNWRKKFEKGK  310
NTDB id 108 BSU 35470 NP 391427.1             EVDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNK  313
consensus                                     !!!!!!** * *!* !!**! ! *****!!*!!!*  ***    ***  * *!*!*!***!!*! * ***!!**** ***

logo
NTDB id 615 LCA RS02545 WP 011374200.1        LPKRLERDCQTYLK.TQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGV  373
NTDB id 261306 CYJ15 RS04305 WP 014095892.1   LPVPVEAWVKKRLESGKQALLFLPNIRLMKKAEPVFKQLHP..AIESVHAEDPDRKEKVERMRAGKTPLLLTTTILERGV  388
NTDB id 108 BSU 35470 NP 391427.1             IPPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGVHC..RTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGV  391
consensus                                     *!  *****   ** *****!!*!***** ***  ** ***  *****!!*!*****!*  *!**** !**!!!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        TFKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV.   445
NTDB id 261306 CYJ15 RS04305 WP 014095892.1   TFPNIDVCVVGAEDAIFTEAALVQIAGRAGRSADFPSGDVTFFHYGKSNAMVKAQRHILSMNEEAGKRGLLDA   461
NTDB id 108 BSU 35470 NP 391427.1             TVPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD.   463
consensus                                     !**** * !*!!!  *!*!**!!!!!!!*!!***** **! ********** ! **!***!* ****  **
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X non conserved

X similar

X ≥ 50% conserved