```
logo
NTDB id 615 LCA RS02545 WP 011374200.1        ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC   57
NTDB id 252272 CG474 RS20305 WP 048723495.1   ..................MIQKGRQMLLHELSWSKEQLHDFISRG....EIVLEKGIVRKNSNYICQRCGNQEKRLFASFLC   60
NTDB id 108 BSU 35470 NP 391427.1             MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKNG....YITAENSISINKRRYRCNRCGQTDQRYFSFYHS   76
consensus                                                      ******  ***** *** * * **     !  * **** * ***!*!!** * * *  * *

logo
NTDB id 615 LCA RS02545 WP 011374200.1        L..PDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE  135
NTDB id 252272 CG474 RS20305 WP 048723495.1   KRCNQVCAYCRKCIMMGRVSECTMLVRSVCEGKQECFPHALQWKGVLSPGQNRAAKGVVEAIKQKESFFIWAVCGAGKTE  140
NTDB id 108 BSU 35470 NP 391427.1             S..GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTE  154
consensus                                          * !!* !***!!**!    !**  **   *    *!*!*! !***!**!!*****!**  **  ***!!*!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        MLFQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDE  215
NTDB id 252272 CG474 RS20305 WP 048723495.1   MLFSGIDEALKNGKRVCIATPRKDVVLELAPRLQEVFPDIPFATLYGGSKEYEKEAMLIVTTTHQLLRYYRAFDVMIIDE  220
NTDB id 108 BSU 35470 NP 391427.1             MLFPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDE  234
consensus                                      !!! !!* !!**! !!!*!*!! *!*!!!*!!!***!    *  **!** *  * * !***!!!!!!*** !*!**!*!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        VDAFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRL  295
NTDB id 252272 CG474 RS20305 WP 048723495.1   IDAFPYVMDHMLHEAVRKAAKEDASYIYLTATPEEKWKQSVQNGKQKGVIISGRYHRHPLPVPKLKWCGNWRKLLRRKQI  300
NTDB id 108 BSU 35470 NP 391427.1             VDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKI  314
consensus                                     *!!!!** * *!  !! *! ! * ***!!*!!!   *!* * ****  * ***!*!***!!*!*  ***!!** !** **

logo
NTDB id 615 LCA RS02545 WP 011374200.1        PKRLERDCQTYLKT.QQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT  374
NTDB id 252272 CG474 RS20305 WP 048723495.1   PQVLLDWLLIYLQKHYPIFLFVPHICYVEEVTAVLQRL..HHKITGVHAEDPMRKEKVEAFRKGDIPLLITTTILERGVT  378
NTDB id 108 BSU 35470 NP 391427.1             PPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVT  392
consensus                                     !  * ***  ***   ***!!!! * *** *** *  *  * ** **!!*!* ***!* *!! *** !**!!!!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1        FKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 252272 CG474 RS20305 WP 048723495.1   VANLQVAVLGAEEDIFSESALVQIAGRVGRSSHNPKGEVIYFHYGKTKAMTAAKKHIQFMNKRAKREGLID   449
NTDB id 108 BSU 35470 NP 391427.1             VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                     * ****!!!!!  *!*!**!!!!!!! !!****** **!*******!*** *!***!* *! *****  **
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X non conserved

X similar

X ≥ 50% conserved