```
logo
NTDB id 33599 BCA RS26850 WP 000225366.1  ..................MVAGKQLLLEELSSDLRRELSDL.KKKGEIICVQGVIKKASKYICQRCGNIEQRLFASFLCKRCSKVC   67
NTDB id 108 BSU 35470 NP 391427.1         MNVPVEKNSSFSKELQQTLRSRHLLRTELS..FSDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..SGKNK   81
NTDB id 615 LCA RS02545 WP 011374200.1    ............MGQQVIACGRQFTAAQLADTQNNNY.....SLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..LPDGR   62
consensus                                                * ** *****  *!*     ** *   * * !   ***** * ***!*!!****** *  * *    * *

logo
NTDB id 33599 BCA RS26850 WP 000225366.1  TYCRKCITMGRVSECAVLVRGIHERKGERELHSLQWKGTLSTGQELAAQGVIEAIKQKESFFIWAVCGAGKTEMLFYGIEEALQK  152
NTDB id 108 BSU 35470 NP 391427.1         LYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESALNQ  166
NTDB id 615 LCA RS02545 WP 011374200.1    HYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVALQK  147
consensus                                  !!* !***!!**!   !**  **   *  * *!*!*! !***!**!!****!**  **  ***!!*!!!!!!!! !!* !!**

logo
NTDB id 33599 BCA RS26850 WP 000225366.1  EERVCIATPRTDVVLELVPRLQAAFQTTSISALYGGSVDRYRYTQLVISTTHQLLRYYRAFDVMIVDEVDAFPYYADQVLQYAVQ  237
NTDB id 108 BSU 35470 NP 391427.1         GLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQ  251
NTDB id 615 LCA RS02545 WP 011374200.1    GQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATAVE  232
consensus                                 * !!!*!*!!**!*!!! !!!***! *  * ***!** ** * * !** !!!!!!*** !****!*!!*!!!!* ****!**!!*

logo
NTDB id 33599 BCA RS26850 WP 000225366.1  QAMKERAARIYLTATPDEKWKRNFRRGKQKGIIVSGRYHRHPLPVPLFSWCGNWKKSLHHKKIPRVLLQWLKMYVNKKYPIFLFV  322
NTDB id 108 BSU 35470 NP 391427.1         KARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVFLFV  336
NTDB id 615 LCA RS02545 WP 011374200.1    QACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQILLFV  316
consensus                                 *! ! * ***!!*!!!   *!!    ***  * ***!*!***!!*! * ***!!** ! * **!* * ***  ***   ***!!!

logo
NTDB id 33599 BCA RS26850 WP 000225366.1  PHVRYIEEMSLLLKGL..DHRIDGVHAEDPMRKEKVEAFRKGDIPLLVTTTILERGVTVKNLQVAVLGAEEEIFSESALVQIAGR  405
NTDB id 108 BSU 35470 NP 391427.1         PSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGR  419
NTDB id 615 LCA RS02545 WP 011374200.1    PQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQIAGR  401
consensus                                 ! !**** **  ****    !****!!*!* ***!* *!! *** !**!!!!!!!!!!!!!!******!!!!!  *!*!**!!!!!!!

logo
NTDB id 33599 BCA RS26850 WP 000225366.1  AGRSFEEPYGEVVYFHYGKTESMVRAKRHIQSMNKSAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1         TGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
NTDB id 615 LCA RS02545 WP 011374200.1    AGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
consensus                                 *!!***** **!*******!**** !***!***!   ****  **
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X non conserved

X similar

X ≥50% conserved