```
logo
NTDB id 167 SP RS11275 WP 000867616.1      MKVNLDYLGRLFTENELTEEE.....RQLAEKLPAMRKEKGKLFCQRCNSTI.LEEWYLPIGAYYCRECLLMKRVRSDQT   74
NTDB id 365432 LROSRS0 RS10260 WP 017262147.1  MN..EELFGRQLTVTQLPPTF..EPTDPRIVSRPAMTISGRWVRCERCHQQLEKAHVALPAGGYYCPDCLALGRITSRQS   76
NTDB id 615 LCA RS02545 WP 011374200.1     MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLEVKHRLVCQRCQQVV.PPQTCLPDGRHYCAQCLLFGRLVEGDW   79
consensus                                  !  ***  !!**!  *! **     * * * **!!* * * ** !*!!** *      !! !**!! *!!***!* * **

logo
NTDB id 167 SP RS11275 WP 000867616.1      LYYFPQEDF..PKQDVLKWRGQLTPFQEKVSEGLLQVVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLASPRID  152
NTDB id 365432 LROSRS0 RS10260 WP 017262147.1  LLTIPEPNAFPPQRNTLTWAGSLTRLQQICAQDVQSVFVKRKRHLLWAVTGAGKTEMLFLGLADALKRGDRVAVASPRVD  156
NTDB id 615 LCA RS02545 WP 011374200.1     LYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVALQKGQRVCLAAPRVA  159
consensus                                  !***!*   * **   !*! !*!!* !** ***** !* **!**** !!!!!!!!!!****** ****! *!**!*!!**

logo
NTDB id 167 SP RS11275 WP 000867616.1      VCLELYKRLQQDFSC.GIALLHGE.SEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNSVKENG  230
NTDB id 365432 LROSRS0 RS10260 WP 017262147.1  VCIELFPRFQQAFTNTSMVLLHGQQTEPYRYCQFTVCTTHQLLRFYHAFDILVVDEVDAFPFAQNKQLMFAVDQAIKPNG  236
NTDB id 615 LCA RS02545 WP 011374200.1     VCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATAVEQACKPQC  239
consensus                                  !!*!!**!*!**!* ***!*!!***!!!********!!!!!!*!!*!!!!***!!!!!!!!***!**!   !!****!***

logo
NTDB id 167 SP RS11275 WP 000867616.1      LRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLKSYIEKQRKTAYPLLIFASE  310
NTDB id 365432 LROSRS0 RS10260 WP 017262147.1  ACLYLTATPGTELMHAVTRRQLTMSYLPLRFHGHLLPEIQCRGAWHWREKLRRGRLPTALQVAITARLRQHKRFLLFVPH  316
NTDB id 615 LCA RS02545 WP 011374200.1     ALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQILLFVPQ  318
consensus                                  * **!!!!** ** ***  ****** !!*!!!!**!****   ** **  !***!!* *!   *   **    *!*!**

logo
NTDB id 167 SP RS11275 WP 000867616.1      IKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTTLISTTILERGVTFPCVDVFVVEANHRLFTKSSLIQI  390
NTDB id 365432 LROSRS0 RS10260 WP 017262147.1  VAQLPDVAAAIRRFAPKASFVTVHAADGERVEKVAAMRQKKVDFLVTTTILERGVTFPDIDVLVLGADDAVFSTAALVQI  396
NTDB id 615 LCA RS02545 WP 011374200.1     VRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQI  398
consensus                                  ** *  *!  *    !  ** **** * ****** !*!   * ****!!!!!!!!!!* **!*!**!** *!* * !*!!

logo
NTDB id 167 SP RS11275 WP 000867616.1      GGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL.......   432
NTDB id 365432 LROSRS0 RS10260 WP 017262147.1  AGRAGRNAAAPDGKVIYWIEQTTLTLRRAIRQIQVVNQKGRRLPEWRHA   445
NTDB id 615 LCA RS02545 WP 011374200.1     AGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV..   445
consensus                                  *!!*!!  * * * **** *  * ****!***!***!******
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X non conserved

X similar

X ≥ 50% conserved