```
logo

NTDB id 1082400 ACK2VN RS28000 WP 000470750.1  MFISEIQLKNYRNYEKLELSFEDKVNVIIGENAQGKTNLMEAIYVLAMAKSHRTSNDRELIRWDEDFGQIKGKLQKRNSS   80
NTDB id 353 BSU 00040 NP 387885.1              MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGA   80
consensus                                      !*!  * !  !!!!** !! !! !!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!! !** ! !** ! !

logo

NTDB id 1082400 ACK2VN RS28000 WP 000470750.1  LSLELNISKKGKKAKLNQLEQQKLSQYIGVMNVVMFAPEDLNLVKGSPQVRRRFLDMELGQIAPVYLYELSQYQKVLTQR  160
NTDB id 353 BSU 00040 NP 387885.1              IPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
consensus                                      *** ! !!!!!!!*!*!**!!!!!!!!*! *! *!!!!!!!!!!!!!!!!!!!!!!!!!!*!!* !!!!**!! !!!*!*!!

logo

NTDB id 1082400 ACK2VN RS28000 WP 000470750.1  NHLLKKMQGNSKNEETMLDVFTLQLIEHGTKILQKRFEFLHLLQEWAAPIHRGISRGLEELEIVYKPSVDVSESMDLSKI  240
NTDB id 353 BSU 00040 NP 387885.1              NHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKI  240
consensus                                      !! !! *!     * !!!!! ! !!*!** !** !!  ! * !  !! !!! !!!!!!!!! * !** *!!!***!!!!!

logo

NTDB id 1082400 ACK2VN RS28000 WP 000470750.1  KEVYYESFQSVKQREIFRGTTLIGPHRDDLQFFVNSKNVQVFGSQGQQRTTALSLKLAEIELIYSEVKEYPILLLDDVLS  320
NTDB id 353 BSU 00040 NP 387885.1              GDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
consensus                                       * ! ! !  ** *!! !! !! !!!!!!* !*!! * !! *!!!!!!!!!!!!!!!!!!!*!!* !* !!!!!!!!!!!!

logo

NTDB id 1082400 ACK2VN RS28000 WP 000470750.1  ELDDYRQSHLLNTIQGKVQTFVTTTSVDGIEHETLKEAKTIHVTNGTVDCEIDRA   375
NTDB id 353 BSU 00040 NP 387885.1              ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK.....   370
consensus                                      !!!!!!!!!!!*!!!!!*!!!!!!!!!!!!!!*!!!!!* !    *! !! * ******
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X non conserved

X similar

X $\geq$ 50% conserved