```
logo

NTDB id 32381 BCG9842 RS00020 WP 000470754.1  MFISEIQLKNYRNYEKLELSFEDKVNVIIGENAQGKTNLMEAIYVLAMAKSHRTSNDRELIRWDEEFGQIKGKLQKRNSS   80
NTDB id 353 BSU 00040 NP 387885.1             MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGA   80
consensus                                     !*!  * !  !!!!** !! !! !!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!! *** ! !** ! !

logo

NTDB id 32381 BCG9842 RS00020 WP 000470754.1  LSLELNISKKGKKAKLNQLEQQKLSQYIGVMNVVMFAPEDLNLVKGSPQVRRRFLDMELGQIAPIYLYELSQYQKVLTQR  160
NTDB id 353 BSU 00040 NP 387885.1             IPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
consensus                                     *** ! !!!!!!!*!*!**!!!!!!!!*! *! *!!!!!!!!!!!!!!!!!!!!!!!!!*!!* !*!!**!! !!!*!*!!

logo

NTDB id 32381 BCG9842 RS00020 WP 000470754.1  NHLLKKMQGNSKNEETMLDVFTLQLIEHGAKILQKRFEFLHLLQEWAAPIHRGISRGLEELEIVYKPSVDVSESMDLSKI  240
NTDB id 353 BSU 00040 NP 387885.1             NHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKI  240
consensus                                     !! !! *!     * !!!!! ! !!*!**!!** !!  ! * !  !! !!! !!!!!!!!! * !** *!!!***!!!!!

logo

NTDB id 32381 BCG9842 RS00020 WP 000470754.1  KEVYYESFQSVKQREIFRGTTLIGPHRDDLQFFVNSKNVQVFGSQGQQRTTALSLKLAEIELIYSEVKEYPILLLDDVLS  320
NTDB id 353 BSU 00040 NP 387885.1             GDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
consensus                                      * ! ! !  ** *!! !! !! !!!!!!* !*!! * !! *!!!!!!!!!!!!!!!!!!!!*!!* !* !!!!!!!!!!!!

logo

NTDB id 32381 BCG9842 RS00020 WP 000470754.1  ELDDYRQSHLLNTIQGKVQTFVTTTSVDGIEHETLKDAKTIHVTNGTVDCEIDRA   375
NTDB id 353 BSU 00040 NP 387885.1             ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK.....   370
consensus                                     !!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!*!!!!* !   *! !! * ******
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X non conserved

X similar

X ≥ 50% conserved