```
logo
NTDB id 134190 BT4G5 RS29155 WP 000470745.1  MFISEIQLKNYRNYEKLELSFEDKVNVIIGENAQGKTNLMEAIYVLAMAKSHRTSNDRELIRWDEDFGQIKGKLQKRNSS   80
NTDB id 353 BSU 00040 NP 387885.1            MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGA   80
consensus                                    !*!  * !  !!!!** !! !! !!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!! !** ! !** ! !

logo
NTDB id 134190 BT4G5 RS29155 WP 000470745.1  LSLELNISKKGKKAKLNQLEQQKLSQYIGVMNVVMFAPEDLNLVKGSPQVRRRFLDMELGQIAPVYLYELSQYQKVLTQR  160
NTDB id 353 BSU 00040 NP 387885.1            IPMQLVISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQR  160
consensus                                    *** ! !!!!!!!*!*!**!!!!!!!!*! *! *!!!!!!!!!!!!!!!!!!!!!!!!!*!!* !!!!**!! !!!*!*!!

logo
NTDB id 134190 BT4G5 RS29155 WP 000470745.1  NHLLKKMQGNSKNEETMLDVFTLQLIEHGAKILQKRFEFLHLLQEWAAPIHRGISRGLEELEIVYKPSVDVSESMDLSKI  240
NTDB id 353 BSU 00040 NP 387885.1            NHFLKQLQTRKQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKI  240
consensus                                    !! !! *!     * !!!!! ! !!*!**!!** !!   ! * !  !! !!! !!!!!!!!! * !** *!!!***!!!!!

logo
NTDB id 134190 BT4G5 RS29155 WP 000470745.1  KEVYYESFQSVKQREIFRGTTLIGPHRDDLQFFVNSKNVQVFGSQGQQRTTALSLKLAEIELIYSEVKEYPILLLDDVLS  320
NTDB id 353 BSU 00040 NP 387885.1            GDSYQEAFSKLREKEIERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLS  320
consensus                                     * ! ! !  ** *!! !! !! !!!!!!* !*!! * !! *!!!!!!!!!!!!!!!!!!!!*!!* !* !!!!!!!!!!!!

logo
NTDB id 134190 BT4G5 RS29155 WP 000470745.1  ELDDYRQSHLLNTIQGKVQTFVTTTSVDGIEHETLKEAKTIHVTNGTVDCEIDRE   375
NTDB id 353 BSU 00040 NP 387885.1            ELDDYRQSHLLHTIQGRVQTFVTTTSVDGIDHETLRQAGMFRVQNGALVK.....   370
consensus                                    !!!!!!!!!!!*!!!!!*!!!!!!!!!!!!!!*!!!!* !   *! !! * ******
```

X non conserved

X similar

X $\geq$ 50% conserved