```
logo

NTDB id 22900 BC RS00020 WP 000470745.1  MFISEIQLKNYRNYEKLELSFEDKVNVIIGENAQGKTNLMEAIYVLAMAKSHRTSNDRELIRWDEDFGQIKGKLQKRNSSLSLEL   85
NTDB id 353 BSU 00040 NP 387885.1        MYIQNLELTSYRNYDHAELQFENKVNVIIGENAQGKTNLMEAIYVLSMAKSHRTSNDKELIRWDKDYAKIEGRVMKQNGAIPMQL   85
consensus                                !*!  * !  !!!!** !! !! !!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!! !** ! !** ! !  *** !

logo

NTDB id 22900 BC RS00020 WP 000470745.1  NISKKGKKAKLNQLEQQKLSQYIGVMNVVMFAPEDLNLVKGSPQVRRRFLDMELGQIAPVYLYELSQYQKVLTQRNHLLKKMQGN  170
NTDB id 353 BSU 00040 NP 387885.1        VISKKGKKGKVNHIEQQKLSQYVGALNTIMFAPEDLNLVKGSPQVRRRFLDMEIGQVSPVYLHDLSLYQKILSQRNHFLKQLQTR  170
consensus                                !!!!!!!*!*!**!!!!!!!!*! *! *!!!!!!!!!!!!!!!!!!!!!!!!!!*!!* !!!!**!! !!!*!*!!!! !! *!

logo

NTDB id 22900 BC RS00020 WP 000470745.1  SKNEETMLDVFTLQLIEHGAKILQKRFEFLHLLQEWAAPIHRGISRGLEELEIVYKPSVDVSESMDLSKIKEVYYESFQSVKQRE  255
NTDB id 353 BSU 00040 NP 387885.1        KQTDRTMLDVLTDQLVEVAAKVVVKRLQFTAQLEKWAQPIHAGISRGLEELTLKYHTALDVSDPLDLSKIGDSYQEAFSKLREKE  255
consensus                                  * !!!!! ! !!*!**!!** !!  ! * !  !! !!! !!!!!!!!! * !** *!!!***!!!!! * ! ! !  ** *!

logo

NTDB id 22900 BC RS00020 WP 000470745.1  IFRGTTLIGPHRDDLQFFVNSKNVQVFGSQGQQRTTALSLKLAEIELIYSEVKEYPILLLDDVLSELDDYRQSHLLNTIQGKVQT  340
NTDB id 353 BSU 00040 NP 387885.1        IERGVTLSGPHRDDVLFYVNGRDVQTYGSQGQQRTTALSLKLAEIDLIHEEIGEYPILLLDDVLSELDDYRQSHLLHTIQGRVQT  340
consensus                                ! !! !! !!!!!!* !*!! * !! *!!!!!!!!!!!!!!!!!!!*!!* !* !!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!!

logo

NTDB id 22900 BC RS00020 WP 000470745.1  FVTTTSVDGIEHETLKEAKTIHVTNGTVDCEIDRE   375
NTDB id 353 BSU 00040 NP 387885.1        FVTTTSVDGIDHETLRQAGMFRVQNGALVK.....   370
consensus                                !!!!!!!!!!*!!!!* !   *! !! * ******
```

X non conserved

X similar

X $\geq$ 50% conserved