```
NTDB id 605 V4T04 RS08565 WP 003129722.1     MATLLEKTRKITAILQDGVTDLQQELPYNSMTERLANVIDCNACVINTKGELLGYSLPYNTNNDRVDQFFYDRKLPDEYV   80
NTDB id 94515 FORC24 RS19205 WP 000421290.1  .MELLAKTRKLNALLQSAA...GKPVNFREMSDTMCEVIEANVFVVSRRGKLLGYAIHQQIENERMKQMLAERQFPEEYT   76
NTDB id 82 BSU 16170 NP 389499.1             .MALLQKTRIINSMLQAAA...GKPVNFKEMAETLRDVIDSNIFVVSRRGKLLGYSINQQIENDRMKKMLEDRQFPEEYT   76
consensus                                     * !! !!!****!! **   ********!**** *!!* !**!****!*!!!!** ****!*!***** *!**!*!!*
```

```
NTDB id 605 V4T04 RS08565 WP 003129722.1     RAAVRIYDTMANVPVDRPLAIFPEESLGDFPKGVTTLAPIYGSGMRLGTFIMWREDGEFTDDDLVLVELATTVIGVQLSN  160
NTDB id 94515 FORC24 RS19205 WP 000421290.1  QSLFNITETSSNLDVNSAYTAFPVENRELFGQGLTTIVPIVGGGERLGTLVLARLGQEFLDDDLILAEYSSTVVGMEILR  156
NTDB id 82 BSU 16170 NP 389499.1             KNLFNVPETSSNLDINSEYTAFPVENRDLFQAGLTTIVPIIGGGERLGTLILSRLQDQFNDDDLILAEYGATVVGMEILR  156
consensus                                    * **** *!**!***** ***!!*!***!  !*!!**!!*!*!*!!!*** !*  *! !!!!*!*!***!!*!*****
```

```
NTDB id 605 V4T04 RS08565 WP 003129722.1     LKLEQMEENIRKDTMATMAVNTLSYSEMKAVKAIIEELDGEEGHVIASVIADKIGITRSVIVNALRKLESAGVIESRSLG  240
NTDB id 94515 FORC24 RS19205 WP 000421290.1  EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELNGTEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG  236
NTDB id 82 BSU 16170 NP 389499.1             EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG  236
consensus                                    *!*!**!!**!******!!***!!!!!**!***!*!!!*! !!***!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
NTDB id 605 V4T04 RS08565 WP 003129722.1     MKGTYLKVLNTGLFDKLAGRNF.   262
NTDB id 94515 FORC24 RS19205 WP 000421290.1  MKGTYIKVLNDKFLQELAKLKTN   259
NTDB id 82 BSU 16170 NP 389499.1             MKGTYIKVLNNKFLIELENLKSH   259
consensus                                    !!!!!*!!!! *** *!* ***
```

X non conserved

X similar

X ≥ 50% conserved