```
NTDB id 605 V4T04 RS08565 WP 003129722.1      MATLLEKTRKITAILQDGVTDLQQELPYNSMTERLANVIDCNACVINTKGELLGYSLPYNTNNDRVDQFFYDRKLPDEYV   80
NTDB id 346085 EXW62 RS17590 WP 215553959.1   .MELLAKTRKLNALLQSAA...GKPVNFREMSDTMCEVIEANVFVVSRRGKLLGYAIHQQIENERMQHMLAERQFPEEYT   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 346085 EXW62 RS17590 WP 215553959.1   QSLFHVTETSSNLGVDSDYTAFPVENRELFGQGLTTIVPIVGGGERLGTLVLARLGQEFLDDDLILAEYSSTVVGMEILR  156
NTDB id 82 BSU 16170 NP 389499.1              KNLFNVPETSSNLDINSEYTAFPVENRDLFQAGLTTIVPIIGGGERLGTLILSRLQDQFNDDDLILAEYGATVVGMEILR  156
consensus                                     * ** * *!**!* ***++**!!*!***!  !*!!**!!*!*!*!!!*** !*  *! !!!!*!*!**!!*!*****
```

```
NTDB id 605 V4T04 RS08565 WP 003129722.1      LKLEQMEENIRKDTMATMAVNTLSYSEMKAVKAIIEELDGEEGHVIASVIADKIGITRSVIVNALRKLESAGVIESRSLG  240
NTDB id 346085 EXW62 RS17590 WP 215553959.1   EKAEAIEEEARSKAVVQMAISSLSYSELEAIEHIFEELNGTEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG  236
NTDB id 82 BSU 16170 NP 389499.1              EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG  236
consensus                                     *!*!  *!!**!******!!***!!!!!**!***!*!!!*! !!***!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
NTDB id 605 V4T04 RS08565 WP 003129722.1      MKGTYLKVLNTGLFDKLAGRNF.   262
NTDB id 346085 EXW62 RS17590 WP 215553959.1   MKGTYIKVLNDKFLQELAKLKTN   259
NTDB id 82 BSU 16170 NP 389499.1              MKGTYIKVLNNKFLIELENLKSH   259
consensus                                     !!!!!*!!!! *** *!* ***
```

X non conserved
X similar
X ≥ 50% conserved