```
logo

NTDB id 605 V4T04 RS08565 WP 003129722.1      MATLLEKTRKITAILQDGVTDLQQELPYNSMTERLANVIDCNACVINTKGELLGYSLPYNTNNDRVDQFFYDRKLPDEYV    80
NTDB id 251922 CG482 RS14135 WP 012094920.1  .MELLAKTRKLNALLQSAA...GKPVNFREMSDTMCEVIEANVFVVSRRGKLLGYAIHQQIENERMKQMLAERQFPEEYT    76
NTDB id 82 BSU 16170 NP 389499.1              .MALLQKTRIINSMLQAAA...GKPVNFKEMAETLRDVIDSNIFVVSRRGKLLGYSINQQIENDRMKKMLEDRQFPEEYT    76
consensus                                      * !! !!!****!! **   *******!**** *!!* !**!****!*!!!!** ****!*!***** *!**!*!!*

logo

NTDB id 605 V4T04 RS08565 WP 003129722.1      RAAVRIYDTMANVPVDRPLAIFPEESLGDFPKGVTTLAPIYGSGMRLGTFIMWREDGEFTDDDLVLVELATTVIGVQLSN   160
NTDB id 251922 CG482 RS14135 WP 012094920.1  QNLFNVTETSSNLDVNSEYTAFPVENKDLFGQGLTTIVPIVGGGERLGTLVLARLGREFLDDDLILAEYSATVVGMEILR   156
NTDB id 82 BSU 16170 NP 389499.1              KNLFNVPETSSNLDINSEYTAFPVENRDLFQAGLTTIVPIIGGGERLGTLILSRLQDQFNDDDLILAEYGATVVGMEILR   156
consensus                                     ****** *!**!*********!!*!****!  !*!!**!!*!*!*!!!*** !*  *! !!!!*!*!**!!*!*****

logo

NTDB id 605 V4T04 RS08565 WP 003129722.1      LKLEQMEENIRKDTMATMAVNTLSYSEMKAVKAIIEELDGEEGHVIASVIADKIGITRSVIVNALRKLESAGVIESRSLG   240
NTDB id 251922 CG482 RS14135 WP 012094920.1  EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELNGTEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG   236
NTDB id 82 BSU 16170 NP 389499.1              EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG   236
consensus                                     *!*!**!!**!******!!***!!!!!**!***!*!!!*! !!***!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 605 V4T04 RS08565 WP 003129722.1      MKGTYLKVLNTGLFDKLAGRNF.   262
NTDB id 251922 CG482 RS14135 WP 012094920.1  MKGTYIKVLNDKFLHELAKLKTN   259
NTDB id 82 BSU 16170 NP 389499.1              MKGTYIKVLNNKFLIELENLKSH   259
consensus                                     !!!!!*!!!! *** *!* ***
```

X non conserved

X similar

X ≥ 50% conserved