```
logo

NTDB id 108245 AACH71 RS04155 WP 003220850.1  .MALLQKTRIINSMLQAA...AGKPVNFKEMAETLRDVIDSNIFVVSRRGKLLGYSINQQIENDRMKKMLEDRQFPEEYT   76
NTDB id 82 BSU 16170 NP 389499.1              .MALLQKTRIINSMLQAA...AGKPVNFKEMAETLRDVIDSNIFVVSRRGKLLGYSINQQIENDRMKKMLEDRQFPEEYT   76
NTDB id 605 V4T04 RS08565 WP 003129722.1      MATLLEKTRKITAILQDGVTDLQQELPYNSMTERLANVIDCNACVINTKGELLGYSLPYNTNNDRVDQFFYDRKLPDEYV   80
consensus                                      **!!*!!!*!***!!**   *********!*!*!**!!!*!**!****!*!!!!!******!!!******!!**!*!!*

logo

NTDB id 108245 AACH71 RS04155 WP 003220850.1  KNLFNVPETSSNLDINSEYTAFPVENRDLFQAGLTTIVPIIGGGERLGTLILSRLQDQFNDDDLILAEYGATVVGMEILR   156
NTDB id 82 BSU 16170 NP 389499.1              KNLFNVPETSSNLDINSEYTAFPVENRDLFQAGLTTIVPIIGGGERLGTLILSRLQDQFNDDDLILAEYGATVVGMEILR   156
NTDB id 605 V4T04 RS08565 WP 003129722.1      RAAVRIYDTMANVPVDRPLAIFPEESLGDFPKGVTTLAPIYGSGMRLGTFIMWREDGEFTDDDLVLVELATTVIGVQLSN   160
consensus                                     ********!**!*********!!*!****!**!*!!**!!*!*!*!!!!*!**!****!*!!!!*!*!***!!*!*****

logo

NTDB id 108245 AACH71 RS04155 WP 003220850.1  EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG   236
NTDB id 82 BSU 16170 NP 389499.1              EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG   236
NTDB id 605 V4T04 RS08565 WP 003129722.1      LKLEQMEENIRKDTMATMAVNILSYSEMKAVKAIIEELDGEEGHVIASVIADKIGITRSVIVNALRKLESAGVIESRSLG   240
consensus                                     *!*!**!!**!******!!***!!!!!**!***!*!!!!!*!!***!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 108245 AACH71 RS04155 WP 003220850.1  MKGTYIKVLNNKFLIELENLKSH   259
NTDB id 82 BSU 16170 NP 389499.1              MKGTYIKVLNNKFLIELENLKSH   259
NTDB id 605 V4T04 RS08565 WP 003129722.1      MKGTYLKVLNTGLFDKLAGRNF.   262
consensus                                     !!!!!*!!!!******!******
```

X non conserved

X similar

X ≥ 50% conserved