```
logo

NTDB id 231391 S101267 RS09015 WP 013352252.1  .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 231391 S101267 RS09015 WP 013352252.1  KNLFNVPETSSNLDINSEYTAFPVENRDLFQAGLTTIVPIIGGGERLGTLILSRLQDQFEDDDLILAEYGATVVGMEILR  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 231391 S101267 RS09015 WP 013352252.1  EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG  236
NTDB id 82 BSU 16170 NP 389499.1               EKAEEIEEEARSKAVVQMAISSLSYSELEAIEHIFEELDGNEGLLVASKIADRVGITRSVIVNALRKLESAGVIESRSLG  236
NTDB id 605 V4T04 RS08565 WP 003129722.1       LKLEQMEENIRKDTMATMAVNTLSYSEMKAVKAIIEELDGEEGHVIASVIADKIGITRSVIVNALRKLESAGVIESRSLG  240
consensus                                      *!*!**!!**!******!!***!!!!!**!***!*!!!!!*!!***!!*!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 231391 S101267 RS09015 WP 013352252.1  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