```
logo

NTDB id 153451 AKO65 RS15635 WP 041108981.1  .MALLQKTRIINSMLQDAA...GKPVNFKEMAETLRDVIDSNIFVLSRRGKLLGYSINQQIENARMKKMLEDRQFPEEYT   76
NTDB id 82 BSU 16170 NP 389499.1             .MALLQKTRIINSMLQAAA...GKPVNFKEMAETLRDVIDSNIFVWSRRGKLLGYSINQQIENDRMKKMLEDRQFPEEYT   76
NTDB id 605 V4T04 RS08565 WP 003129722.1     MATLLEKTRKITAILQDGVTDLQQELPYNSMTERLANVIDCNACVINTKGELLGYSLPYNTNNDRVDQFFYDRKLPDEYV   80
consensus                                     **!!*!!!*!***!!***   ********!*!*!**!!!*!**!*****!*!!!!!******!*!******!!**!*!!*

logo

NTDB id 153451 AKO65 RS15635 WP 041108981.1  KSLFNVPETSSNLDINSEYTAFPIENRDLFQSGLTTIVPIIGGGDRLGTLILSRLQDTFKDDDLILAEYGATVVGMEILR  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 153451 AKO65 RS15635 WP 041108981.1  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 153451 AKO65 RS15635 WP 041108981.1  MKGTYIKVLNNKFLIELENLKSH   259
NTDB id 82 BSU 16170 NP 389499.1             MKGTYIKVLNNKFLIELENLKSH   259
NTDB id 605 V4T04 RS08565 WP 003129722.1     MKGTYLKVLNTGLFDKLAGRNF.   262
consensus                                    !!!!!*!!!!******!******
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X non conserved

X similar

X $\geq$ 50% conserved