```
logo

NTDB id 126 BSU 03770 NP 388259.1                MKSGVIPSSAVGQKINEWYRYIRTFSVPDAEVLKAEIQQELKHMQHDSNLLLYYSLMEFRHQLMLDYLEPLEKLNIEDQP   80
NTDB id 1104409 ACNM63 RS18145 WP 099721980.1   .MASVLSSSAVGEKINEWYMYIRRFSIPDAEYLRREIKEELAGLEDDQDLHLYYSLMEFRHNLMLEYLEPLESQRIEEQP   79
NTDB id 128 BSU 37460 NP 391626.1                .MTGVISSSSIGEKINEWYMYIRRFSIPDAEYLRREIKQELDQMEEDQDLHLYYSLMEFRHNLMLEYLEPLEKMRIEEQP   79
consensus                                         ***!**!!**!*!!!!!!*!!!*!!*!!!!*!**!!**!!   **!**!*!!!!!!!!!!*!!!*!!!!!!*!**!!*!!

logo

NTDB id 126 BSU 03770 NP 388259.1                SLSELSRNIDSNQADLKGLLDYYVNFFRGMYEFDKREFISAITYYKQAEKKLSFVADHIERAEFYFKIAEAYYYMKQTYF  160
NTDB id 1104409 ACNM63 RS18145 WP 099721980.1   RLSDLLADIDKKQARLTGRLDYYFNFFRGMYELECREYLSAIQFFKKAEYKLDFVKDCIEKAEFYFKMSESYYYMKQTYF  159
NTDB id 128 BSU 37460 NP 391626.1                RLSDLLLEIDKKQARLTGLLEYYFNFFRGMYELDQREYLSAIKFFKKAESKLIFVKDRIEKAEFFFKMSESYYYMKQTYF  159
consensus                                        *!!*!* *!!**!!*!*!*!*!!*!!!!!!!!** !!**!!! **!*!! !! !!*! !!*!!!*!!**!*!!!!!!!!

logo

NTDB id 126 BSU 03770 NP 388259.1                SLINIKNAYEIYVEQETYNVRIIQCHFVFGVNLMDERNFEQAARHFKLALNMAQAEQKAQLVGRAYYNLGLCYYNQDLLD  240
NTDB id 1104409 ACNM63 RS18145 WP 099721980.1   SMDYARQAYKIYHKQEAYNIRVLQCHSLFATNFLDLKQYDEAIQHFKKAYAMAEAEQQPQLMGRTLYNIGLCFNSQENYK  239
NTDB id 128 BSU 37460 NP 391626.1                SMDYARQAYEIYKEHEAYNIRLLQCHSLFATNFLDLKQYEDAISHFQKAYSMAEAEKQPQLMGRTLYNIGLCKNSQSQYE  239
consensus                                        !******!!*!! **!*!!*!**!!!**!**!**!*****!* !!**!* !!*!!***!!*!!**!!*!!!***!****

logo

NTDB id 126 BSU 03770 NP 388259.1                PAIDYFEKAVSTFESSRIVNSLPQAYFLITLIYYKQGKHDKASEYHKRGYEYAKETDDADYAVKFEFLQSLYLDQPNEEG  320
NTDB id 1104409 ACNM63 RS18145 WP 099721980.1   PAIDYIKRAIAVFEDGNIITSLPQAYFLITQIHYKIGNTAIARQYHDKGVSYAEEAEDSLYIVEYEFLESLYVGEPDEEA  319
NTDB id 128 BSU 37460 NP 391626.1                DAIPYFKRAIAVFEESNILPSLPQAYFLITQIHYKLGKIDKAHEYHSKGMAYSQKAGDVIYLSEFEFLKSLYLSGPDEEA  319
consensus                                        *!!*!***!***!!***!* !!!!!!!!!!*!*!!*!* **! *!! *!* !* ***! *!****!!! !!!*  !*!!*

logo

NTDB id 126 BSU 03770 NP 388259.1                IERCFQYLKNKNMYADIEDLALEVAKYYYEQKWFKLSASYFLQVEEARKQIQRSEGLYEIEI   382
NTDB id 1104409 ACNM63 RS18145 WP 099721980.1   IMECFDFLRDKLMYADLEDFALDVAKYYHERENFEKASAYFLKVEETRQQIQGGVKLYEIEV   381
NTDB id 128 BSU 37460 NP 391626.1                IQGFFDFLESKMLYADLEDFAIDVAKYYHERKNFQKASAYFLKVEQVRQLIQGGVSLYEIEV   381
consensus                                        !  *!**!* !*!!!*!!*!**!!!!!*!***! ****!!!*!!* !**!!*** !!!!!*
```

X non conserved

X similar

X $\geq$50% conserved