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logo

NTDB id 126 BSU 03770 NP 388259.1          MKSGVIPSSAVGQKINEWYRYIRTFSVPDAEVLKAEIQQELKHMQHDSNLLLYYSLMEFRHQLMLDYLEPLEKLNIEDQPSLSEL   85
NTDB id 63200 U471 RS17220 WP 012118686.1  .MASVLSSSAVGEKINEWYMYIRRFSIPDAEYLRREIKEELAGLEDDQDLHLYYSLMEFRHNLMLEYLEPLESQRIEEQPRLSDL   84
NTDB id 128 BSU 37460 NP 391626.1          .MTGVISSSSIGEKINEWYMYIRRFSIPDAEYLRREIKQELDQMEEDQDLHLYYSLMEFRHNLMLEYLEPLEKMRIEEQPRLSDL   84
consensus                                   ***!**!!**!*!!!!!!*!!!*!!*!!!!*!**!!**!!   ***!**!*!!!!!!!!!!*!!!*!!!!!!***!!*!!*!!*!

logo

NTDB id 126 BSU 03770 NP 388259.1          SRNIDSNQADLKGLLDYYVNFFRGMYEFDKREFISAITYYKQAEKKLSFVADHIERAEFYFKIAEAYYYMKQTYFSLINIKNAYE   170
NTDB id 63200 U471 RS17220 WP 012118686.1  LADIDKKQALLTGRLDYYFNFFRGMYELECREYLSAIQFFKKAEYKLDFVKDCIEKAEFYFKMSESYYYMKQTYFSMDYARQAYK   169
NTDB id 128 BSU 37460 NP 391626.1          LLEIDKKQARLTGLLEYYFNFFRGMYELDQREYLSAIKFFKKAESKLIFVKDRIEKAEFFFKMSESYYYMKQTYFSMDYARQAYE   169
consensus                                  * *!!**!! !*!*!*!!*!!!!!!!!** !!**!!! **!*!! !! !!*! !!*!!!*!!**!*!!!!!!!!!!******!!*

logo

NTDB id 126 BSU 03770 NP 388259.1          IYVEQETYNVRIIQCHFVFGVNLMDERNFEQAARHFKLALNMAQAEQKAQLVGRAYYNLGLCYYNQDLLDPAIDYFEKAVSTFES   255
NTDB id 63200 U471 RS17220 WP 012118686.1  IYHKQEAYNIRVLQCHSLFATNFLDLKQYDEAIQHFKKAYAMAEAEQQPQLMGRTLYNIGLCFNSQENYKPAIDYIKRAIAVFED   254
NTDB id 128 BSU 37460 NP 391626.1          IYKEHEAYNIRLLQCHSLFATNFLDLKQYEDAISHFQKAYSMAEAEKQPQLMGRTLYNIGLCKNSQSQYEDAIPYFKRAIAVFEE   254
consensus                                  !! **!*!!*!**!!!**!**!**!*****!* !!**!* !!*!!***!!*!!**!!*!!!***!*****!!*!***!***!!*

logo

NTDB id 126 BSU 03770 NP 388259.1          SRIVNSLPQAYFLITLIYYKQGKHDKASEYHKRGYEYAKETDDADYAVKFEFLQSLYLDQPNEEGIERCFQYLKNKNMYADIEDL   340
NTDB id 63200 U471 RS17220 WP 012118686.1  GNIITSLPQAYFLITQIHYKIGNMAIARQYHDKGVSYAEEAEDSLYIAEYEFLESLYVGEPDEEAIMECFDFLRDKSMYADLEDF   339
NTDB id 128 BSU 37460 NP 391626.1          SNILPSLPQAYFLITQIHYKLGKIDKAHEYHSKGMAYSQKAGDVIYLSEFEFLKSLYLSGPDEEAIQGFFDFLESKMLYADLEDF   339
consensus                                  **!* !!!!!!!!!!*!*!!*!****! *!! *!* !* ***! *!* **!!! !!!*  !*!!*!  *!**!* ! *!!!*!!*

logo

NTDB id 126 BSU 03770 NP 388259.1          ALEVAKYYYEQKWFKLSASYFLQVEEARKQIQRSEGLYEIEI   382
NTDB id 63200 U471 RS17220 WP 012118686.1  ALDVAKYYHEREFNFEKASAYFLKVEETRQQIQGGVKLYEIEV   381
NTDB id 128 BSU 37460 NP 391626.1          AIDVAKYYHERKNFQKASAYFLKVEQVRQLIQGGVSLYEIEV   381
consensus                                  !**!!!!!*!***! ****!!!*!!* !**!!*** !!!!!*
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X non conserved

X similar

X ≥ 50% conserved