```
logo
NTDB id 282329 C7M16 RS09070 WP 046663334.1  .MEQLIPSSTVGVKINEWYKYIRMFAVPDAEILKAEVEEEIKHMKEDQDLLLYYSLMCFRHQLMLDYLEPKS..LNEERP   77
NTDB id 126 BSU 03770 NP 388259.1            MKSGVIPSSAVGQKINEWYRYIRTFSVPDAEVLKAEIQQELKHMQHDSNLLLYYSLMEFRHQLMLDYLEPLEKLNIEDQP   80
NTDB id 128 BSU 37460 NP 391626.1            .MTGVISSSSIGEKINEWYMYIRRFSIPDAEYLRREIKQELDQMEEDQDLHLYYSLMEFRHNLMLEYLEPLEKMRIEEQP   79
consensus                                     *****!*!!**! !!!!!!*!!! !**!!!!*!**!* *!***! *!**!*!!!!!!*!!!*!!!*!!!!**** *!**!

logo
NTDB id 282329 C7M16 RS09070 WP 046663334.1  KISDLLEKIESSQTKLKGVLEYYCNFFRGMYEFDKKDYIKAIRSYKIAEKKLALVTDEIERAEFYFKMAEVYYHMKQTHV  157
NTDB id 126 BSU 03770 NP 388259.1            SLSELSRNIDSNQADLKGLLDYYVNFFRGMYEFDKREFISAITYYKQAEKKLSFVADHIERAEFYFKIAEAYYYMKQTYF  160
NTDB id 128 BSU 37460 NP 391626.1            RLSDLLLEIDKKQARLTGLLEYYFNFFRGMYELDQREYLSAIKFFKKAESKLIFVKDRIEKAEFFFKMSESYYYMKQTYF  159
consensus                                    **!*!*  !** !**!*!*!*!! !!!!!!!!*!******!!***! !!*!! *! ! !!*!!!*!!**! !!*!!!!**

logo
NTDB id 282329 C7M16 RS09070 WP 046663334.1  SMHYAEAALNIYKDQKTYTVRRIQCAFVVAGNFDDLESHEKAVPHLQRALKDSKAINKHKLIGASLYNLGNCYYKMKKYD  237
NTDB id 126 BSU 03770 NP 388259.1            SLINIKNAYEIYVEQETYNVRIIQCHFVFGVNLMDERNFEQAARHFKLALNMAQAEQKAQLVGRAYYNLGLCYYNQDLLD  240
NTDB id 128 BSU 37460 NP 391626.1            SMDYARQAYEIYKEHEAYNIRLLQCHSLFATNFLDLKQYEDAISHFQKAYSMAEAEKQPQLMGRTLYNIGLCKNSQSQYE  239
consensus                                    !* ****!**!!*****!**!**!!***** !**!****! !* !***!* ** !*** *!*!***!!*!*!** *  **

logo
NTDB id 282329 C7M16 RS09070 WP 046663334.1  KAAEYIEQAVSLYENDK.SDLLPHTLFTLTQIYFKMKDIEKAFILYKKGIKKAQAINDDVLVAEFNYLKALYIDSIDKRT  316
NTDB id 126 BSU 03770 NP 388259.1            PAIDYFEKAVSTFESSRIVNSLPQAYFLITLIYYKQGKHDKASEYHKRGYEYAKETDDADYAVKFEFLQSLYLDQPNEEG  320
NTDB id 128 BSU 37460 NP 391626.1            DAIPYFKRAIAVFEESNILPSLPQAYFLITQIHYKLGKIDKAHEYHSKGMAYSQKAGDVIYLSEFEFLKSLYLSGPDEEA  319
consensus                                     !**!***!****! **** *!!***!**!*!**!*****!! *****!* ***    ! *** *!**!**!!** *****

logo
NTDB id 282329 C7M16 RS09070 WP 046663334.1  VFRTFSVLKDNVMYPDLEELALDTANYCKEIGQFENSTTFFDVMVDARIQIQRGECLYEI..  376
NTDB id 126 BSU 03770 NP 388259.1            IERCFQYLKNKNMYADIEDLALEVAKYYYEQKWFKLSASYFLQVEEARKQIQRSEGLYEIEI  382
NTDB id 128 BSU 37460 NP 391626.1            IQGFFDFLESKMLYADLEDFAIDVAKYYHERKNFQKASAYFLKVEQVRQLIQGGVSLYEIEV  381
consensus                                    * * ! *!* ***!*!*!**!***!*!* ! **!  ****!* ****! *!!*** !!!!**
```

X non conserved

X similar

X $\geq$ 50% conserved