```
logo
NTDB id 321201 EAE30 RS00470 WP 241967623.1   ..............MSLPTDASQSLKGYWHYQEYLELNPEQQTLTQSLSDMVHQPAVPLNRPQQKPVTISVIYPGSQVSD   66
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     ***************  *!    !!!!!!!! !*!   !!! ***      !* ** *!  *!  !! !!!*!!! !*!!

logo

NTDB id 321201 EAE30 RS00470 WP 241967623.1   YWVRNIKAFELRMEELGIRYTINQVFTRPNVDARQQSLSLMEALKDKSQYLIFTLNTVRHRKFIEHVLQSSATKIMLQNI   146
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!!!!!!!!! !!* !!!!! !!!!!!!!!*! !!!!*!!!!!!! !! !!!!!! ! !!!!!!!!!*!! !!**!!!!

logo

NTDB id 321201 EAE30 RS00470 WP 241967623.1   TTPVKAWKDHQPMMYVGFDHEMGTKRLADYFSQVEPTDSRYAMLYYSEGYISAARGDTFIEQMHQRGNYQLMDSYYTDAT   226
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAP.KKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!! !  *!!!!!*!!!!! !   !! !*  * !*  *! *!!*!!!!!! !!!!!!!  !*  ****!  !!!! !!

logo

NTDB id 321201 EAE30 RS00470 WP 241967623.1   EQGGYDATMHILDTDSNIQFIYACSTDIALGAMKALEKRGKQHIKLNGWGGGTAELNAILAGKLDATVMRMNDDTGVAMA   306
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                     !! !!*!!**!*   * ! !!!!! !!*!!!!  !!    *!*! *!!!!!!*!!! !*  ! !! !!!!!!!!!!!!!!

logo

NTDB id 321201 EAE30 RS00470 WP 241967623.1   EAIKLDLEGKPVPTVYSGQFQLVTKEDSPERIRQLEKQAFRYSDR   351
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!! !!!!!*!! !!!! ! *!!! !!* !!  !   !!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved