```
logo

NTDB id 89389 OCU60 RS21020 WP 370738654.1   MNEKMIMRLFGVILTTCFLVYHSAAYALSGYWHYNEFLDLNPKQKQLTLSLANAVRLEPKPLQATQKHPVKISVIYPGQQ   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1  MKRKLISPLF...LIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQ   77
consensus                                    !  !*! *!!***!  *    *  !  ! !!!!! !!!   ! !****   !* !!  ! *!   ! *!! !!!*!!!!!

logo

NTDB id 89389 OCU60 RS21020 WP 370738654.1   VSDYWSRNIRAFELRLNELDIKYEIHQVFTRPNLDIRQQSLSLMEALKNKSDYLIFTLDTTRHRKFIEHVLRGRETKMIL   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1  ISDYWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLIL   157
consensus                                    *!!!! !!!*!!! !*  ! !*! !*!!!!!!!!! !!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*  !!!*!!

logo

NTDB id 89389 OCU60 RS21020 WP 370738654.1   QNVTTPVKDWAHQQPWMYIGFDHEIGTGMLVDYFKKKLKPHSPYSVLYFSQGYVSEARGDTFIQAM...TEYPLVSSFYT   237
NTDB id 1163 A1552VC RS18030 WP 000823678.1  QNITTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQA.HAPKKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYT   236
consensus                                    !!*!!!!!!! * !! !!!!!!!! !  *!  !*  ** !* !!!!!!!! !!*!!!!!!!!!! !******!! !!*!!

logo

NTDB id 89389 OCU60 RS21020 WP 370738654.1   QANQESAYKITLENMTEHPEIKLLYACSTDVALGAVKALKELGREDVLINGWGGGSAELEAIQHHDLDVTVMRMNDDTGV   317
NTDB id 1163 A1552VC RS18030 WP 000823678.1  KATEQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGV   316
consensus                                     !   !*!  !!  *  *!!!  *!!! !!!!!!!  !!!!! ! !*!*!!!!!!!!!!!!* ***!!!!!!!!!!!!!!!

logo

NTDB id 89389 OCU60 RS21020 WP 370738654.1   AMAEAIKWDLEGKKVPTVYSGDFEVVSSADQPERVEALKQRAFRYSDRH   366
NTDB id 1163 A1552VC RS18030 WP 000823678.1  AMAEAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR.   364
consensus                                    !!!!!!!!!!!!! !! !!!!!!!!!*  ! * !*  !! !!!!!!!!*
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X non conserved

X similar

X $\geq$ 50% conserved