```
logo
NTDB id 92431 OCU50 RS16735 WP 060469481.1   MKRLL...MLFGITVFSTSSLSHALNGYWEYQDYLSKFPKQKILTDKMVEAVQNHPVPLRLVQDRPITISVVYPGRQISD   77
NTDB id 1163 A1552VC RS18030 WP 000823678.1  MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                    !!! !****     *!!**   * ! !!!*! **!  !! !*****     !  *! *! * !* !* !!!!!!! !!!!

logo
NTDB id 92431 OCU50 RS16735 WP 060469481.1   YWVRNIQAFEKRLDKLRINYQINQVFTRVNADINQQSISLQEAVENKTDYLIFTLDTTRHRKFIEHVLSYTDTKLILQNI   157
NTDB id 1163 A1552VC RS18030 WP 000823678.1  YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                    !!!!!! !!!!!*! ! ! !!!!!!!!!*! !  !!!*!! !!* !!*!!!!!!!!!!!!!!!!!!!!!* **!!!!!!!!

logo
NTDB id 92431 OCU50 RS16735 WP 060469481.1   TTPVRAWSDRQPFMYVGFDHATGSLKLADYFKEVSQPDSQYSVLYRSEGYISDARGDTFIREVNSDTNFALKSSFYTKSD   237
NTDB id 1163 A1552VC RS18030 WP 000823678.1  TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQA.HAPKKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                    !!!!* !  *!! !!*!!!!  !   !! !*  ** !  *!!!!! !!!!!!*!!!!!!! **!  **!*! !!*!!!

logo
NTDB id 92431 OCU50 RS16735 WP 060469481.1   KESSYQAAKISIENDKNLDFIYACSTDVALGAAEAIRESG.RDILVNGWGGGSAELEAIESGDLDVTVMRMNDDTGIAMA   316
NTDB id 1163 A1552VC RS18030 WP 000823678.1  EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                      ! ! !    * ! * * !!!!! !!!!!!!! !**!  * !!!!!!!!!!!!!!!!*  !*!!!!!!!!!!!!!*!!!

logo
NTDB id 92431 OCU50 RS16735 WP 060469481.1   EAIKWDLSGLKVPTVYSGEFEVVTSEDSPERISELKKRAFRYSGQ   361
NTDB id 1163 A1552VC RS18030 WP 000823678.1  EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                    !!!!!!! !  !! !!!!*!!!!!  !!* !! !!! !!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved