```
logo
NTDB id 377969 FR729 RS23615 WP 104976231.1   MKKALVFSLISMAAFAPNVQATQVLNGYWAYQEFLDQFPQQKQLTSALAEVVRETPVPVAKDKKRPLKISVVYPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     !!* !* *!  *!!  *       ! !!!*! !!!  !! !****   !  !!* ! **      !* !!!!!!!!!!!!

logo

NTDB id 377969 FR729 RS23615 WP 104976231.1   YWIRNIDAFEKRLDKLDIDYQLNQVFTRPNADIKQQSLSLMEALKSNSDYLIFTLDTTRHRKFVEHVLDSKKTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!*!!! !!!!!*! ! ! !!*!!!!!!!! ! *!!!*!!!!!!!  !!!!!!!!!!!!!!!!!*!!!!*!  !!!!!!!!

logo

NTDB id 377969 FR729 RS23615 WP 104976231.1   TTPVRDWEHHQPFLYVGFDHAEGSRELAVEFGKRFPKHSHYSVLYFSEGYISDIRGNTFINQVNRDNQFKLQSAYYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAP.KKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!*!! **!! *!*!!!!  !   !!  *  * !**  !!!!!!!!!!!!* !! !!!* *!  **!*! ! !!!!!!

logo

NTDB id 377969 FR729 RS23615 WP 104976231.1   KQSGYEAAKASLEKYPDVDFIYACSTDVALGAVDALKELGRDDVMINGWGGGSAELEALSKGELDVTVMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                      !!!!!!    *   !** !!!!! !!!!!!!  !!!!! ! !***!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!*!!!

logo

NTDB id 377969 FR729 RS23615 WP 104976231.1   EAIKWDLEGKPVPTVYSGDFEVVTKSDSPERIEALRKRAFRYSDN   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!!!!!!!!*!! !!!!!!!!!!! !!* !!  !* !!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved