```
logo
NTDB id 321853 D0856 RS22435 WP 122071669.1   MNKALLFSLISMVSFSPVTHATQVLNGYWAYQEFLDEFPEQRKLTNALAEAVRERPAPLSKAKKRPLKISVVYPGQQVSD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     ! * !* *!  *    * !*    ! !!!*! !!! !!!!!!***   !  !!**! *!* !   !* !!!!!!!!!*!!

logo
NTDB id 321853 D0856 RS22435 WP 122071669.1   YWVRNIAAFEKRLDKLNINYQINQVFTRPNADIKQQSLSLMEALKSKSDYLIFTLDTTRHRKFVEHVLDSTNTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!!!!! !!!!!*! ! ! !!!!!!!!!!! ! *!!!*!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!*!* !!!!!!!!

logo
NTDB id 321853 D0856 RS22435 WP 122071669.1   TTPVREWDKHQPFLYVGFDHAEGSRELATEFGKYFPKHTYYSVLYFSEGYISDVRGDTFIHQVNRDNNFELQSAYYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAPK.KPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!**!  *!! *!*!!!!  !   !!  *  * !!* *!!!!!!!!!!!!* !!!!!!* *!  **!*! ! !!!!!!

logo
NTDB id 321853 D0856 RS22435 WP 122071669.1   KQSGYEAAKASLAKHPDVDFIYACSTDVALGAVDALAELGREDIMVNGWGGGSAELDAIQKGDLDITVMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                      !!!!!!    *  *!** !!!!! !!!!!!!  !! !! ! !!*!!!!!!!!!!!!*!* !!*!!*!!!!!!!!!!*!!!

logo
NTDB id 321853 D0856 RS22435 WP 122071669.1   EAIKWDLEGKPVPTVYSGDFEIVTKADSPERIEALKKRAFRYSDN   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!!!!!!!!*!! !!!!!!!*!!! !!* !!  !! !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved