```
logo
NTDB id 187279 BA894 RS16465 WP 065297791.1   MKKELIFSLVLVAGIAPAAHPSQVLNGYWEYQEFLKEFPEQKQLTNALAEAVREKPIPVTSDKKRELKISVVYPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     !!* !! *! !*!** *  **   ! !!!*! !!! !!!!!****   !  !!*!! **!     ** !!!!!!!!!!!!

logo
NTDB id 187279 BA894 RS16465 WP 065297791.1   YWIRNIDAFEKRLDKLNINYQLNQVFTRPNADIKQQSLSLMEALKSNSDYLIFTLDTTRHRKFIEHVLDSKKTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!*!!! !!!!!*! ! ! !!*!!!!!!!! ! *!!!*!!!!!!!  !!!!!!!!!!!!!!!!!!!!!!*!  !!!!!!!!

logo
NTDB id 187279 BA894 RS16465 WP 065297791.1   TTPVRDWDKHQPFLYVGFDHAEGSRKLAKEFSQRFPQNTHYSVLYFSEGYISDVRGNTFINQVNRDSNFELQSAYYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAH.APKKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!*!!  *!! *!*!!!!  !   !!  *  ****   !!!!!!!!!!!!!* !! !!!* *!  **!*! ! !!!!!!

logo
NTDB id 187279 BA894 RS16465 WP 065297791.1   KQSGYEAAKASLDKYPDVDFIYACSTDVALGAVEALAELGRDDIMINGWGGGSAELDAILNGELDITVMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                      !!!!!!    *   !** !!!!! !!!!!!!  !! !! ! !!**!!!!!!!!!!!*!*  !!!!*!!!!!!!!!!*!!!

logo
NTDB id 187279 BA894 RS16465 WP 065297791.1   EAIKWDLEGKSVPTVYSGDYEVVTTSDSPERIEALRKRAFRYSDN   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!!!!!!!!!!! !!!!!*!!!!  !!* !!  !* !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved