```
logo
NTDB id 45991 K5706 RS19145 WP 221072073.1   MRKSLLLSLISIAGFSPVAQATQVLNGYWAYQDFLEQFPEQKQLTEQLSEAVRERPAPLSVSQNRPLRISVVYPGQQVSD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1  MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                    !** !* *!  !!*  *       ! !!!*! *!!  !!!!****!     !!**! *!*! !  !* !!!!!!!!!*!!

logo
NTDB id 45991 K5706 RS19145 WP 221072073.1   YWVRNIDAFEQRLDKLNINYQINQVFTRPNSDVKQQSLSLMEALKNKTDYLVFTLDTTRHRKFIEHVLDSSKTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1  YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                    !!!!!! !!! !*! ! ! !!!!!!!!!!! ! *!!!*!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!*!! !!!!!!!!

logo
NTDB id 45991 K5706 RS19145 WP 221072073.1   TTPVRDWDEHQPFLYVGFDHAEGSRKLAEEFGKRFPRHSNYSVLYFSEGYISDIRGDTFIEQVTRNNQFELQSAYYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1  TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAP.KKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                    !!!!*!!  *!! *!*!!!!  !   !!  *  * !** *!!!!!!!!!!!!* !!!!!!  *   **!*! ! !!!!!!

logo
NTDB id 45991 K5706 RS19145 WP 221072073.1   KASGYDATKASLSKYPDVEFIYACSTDVALGAVDALKELGRDDVMINGWGGGSAELKAIENGELDITVMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1  EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                      !!!*!!   *   !** !!!!! !!!!!!! !!!!! ! !***!!!!!!!!!!! !*  !!!!*!!!!!!!!!!*!!!

logo
NTDB id 45991 K5706 RS19145 WP 221072073.1   EAIKWDLEGKSVPTVYSGDFEVVTQSDSAERINALKKRAFRYSDN   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1  EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                    !!!!!!!!!!!!! !!!!!!!!!!  !!! !!  !! !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved