```
logo
NTDB id 422415 G3U99 RS24125 WP 019275431.1   MFKATLLSLAVAVSATSQAHTTQVLNGYWQYDEYLDSHPVQKQLTDALSETVRNYPTPISAKQDKPVSIAVVYPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     ! *  * *! *     !  *    ! !!!*!!!*!  *! !*****    !!!  !****  !* !! ! !!!!!!!!!!

logo
NTDB id 422415 G3U99 RS24125 WP 019275431.1   YWVRNIKAFETRLEKLGISYKINQVFTRPNLDVRQQSLSLLEAVQNKADYLIFTLDTTRHRKFIEHVLSSTDTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!!!!!!!!! !** !!! ! !!!!!!!!!!! !!!!*!!*!!* !! !!!!!!!!!!!!!!!!!!!!!*!**!!!!!!!!

logo
NTDB id 422415 G3U99 RS24125 WP 019275431.1   TTPVRAWDDQQPFMYVGFDHIKGARILEQYYKDTIPKESRYSVLYFSEGYVSDARGDTFIEEMSHHDSYKLSSSYYTTAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAPK.KPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!* !   !! !!*!!!!  !! *! !!!  * !!* *!!!!!!!!!!*!*!!!!!!! *! ******! !!!!! !!

logo
NTDB id 422415 G3U99 RS24125 WP 019275431.1   RESGFNAAVKAIEKDPSISFIYACSTDVALGAVEALKSMKREDILINGWGGGSAELEALSKGDLDVTAMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                       !!* ! *  *   ! ! !!!!! !!!!!!!  !!! * ! !!!*!!!!!!!!!!!!!* !!*!!!! !!!!!!!!*!!!

logo
NTDB id 422415 G3U99 RS24125 WP 019275431.1   EAIKWDLEGKDVPHVYSGDFEIVTKADSPSKVEKLKQRAFRYSDQ   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!!!!!!!! !!*!!!!!!!*!!! !!* **  !! !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved