```
logo
NTDB id 373011 VV7356 RS09300 WP 017791112.1   MKKILLTCLLASASFQVSSHTSEVLSGYWAYQEFLEKFPQQGVLTRELSEVVRNAPVPLKSHQSKPIRISVVFPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1    MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                      !!* !** !   !    !**  * ! !!!*! !!!  !! ! ***      !!  ! *!  *!  !* !!!!*!!!!!!!

logo
NTDB id 373011 VV7356 RS09300 WP 017791112.1   YWVRNLSAFEKRMDKLQISYQINQVFTRPNADVKQQSVSLMEALKSKSDYLIFTLDTTRHRKFIEHVLDSSETKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1    YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                      !!!!!* !!!!!!! ! ! !!!!!!!!!!! ! *!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!

logo
NTDB id 373011 VV7356 RS09300 WP 017791112.1   TTPVQAWDKRQPFLYVGFDHAEGSIALADKFKQLYPQGANYSVLYFSEGYVSDARGDTFIHQMNHSDRFALKSSFYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1    TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAH.APKKPYSVLYFSEGYISEARGDTFIGDMNAVHHFPLASSYYTKAT   239
consensus                                      !!!!  !  *!! *!*!!!!  !   !!  *  ****  *!!!!!!!!!!*!*!!!!!!!* !!* **!*! !!*!!!!!

logo
NTDB id 373011 VV7356 RS09300 WP 017791112.1   KASGYESAINSLERYPDVDFIYACSTDVALGAIDALKDLGRTNIKINGWGGGSAELDAIAAGDLDLTVMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1    EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                        !!!!  *! *   !** !!!!! !!!!!!!  !!!*! !  ! *!!!!!!!!!!*!*! !*!!*!!!!!!!!!!*!!!

logo
NTDB id 373011 VV7356 RS09300 WP 017791112.1   EAIKWDIEGRTVPTVFSGDFEVVTKEDSPEHIELLKKRAFRYSDQP   366
NTDB id 1163 A1552VC RS18030 WP 000823678.1    EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR.   364
consensus                                      !!!!!!*!!**!! !*!!!!!!!!!! !!* *!  !! !!!!!!! *
```

X non conserved

X similar

X $\geq$ 50% conserved