```
logo
NTDB id 407805 GPY29 RS24585 WP 029838311.1   MNKALVLSLISIAGMSPASQASQVLNGYWAYQEFLNEFPEQKHLTDALAAAVRDDPVPIDPEKRHPLKISVVYPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     ! * !* *!  !!** * *     ! !!!*! !!! !!!!!* ***  !  !!! ! ** *   *!* !!!!!!!!!!!!

logo

NTDB id 407805 GPY29 RS24585 WP 029838311.1   YWIRNIDAFEKRLDKLNIDYQINQVFTRPNADIKQQSLSLMEALKSNSDYLIFTLDTTRHRKFVEHVLDSTKTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!*!!! !!!!!*! ! ! !!!!!!!!!!! ! *!!!*!!!!!!!  !!!!!!!!!!!!!!!!!*!!!!*!* !!!!!!!!

logo

NTDB id 407805 GPY29 RS24585 WP 029838311.1   TTPVREWETRQPFMYVGFDHAEGSRELAVEFGKQFPKNTHYSVLYFSEGYISDIRGNTFIHQVNQDSQFELQSAYYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAP.KKPYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!**!  *!! !!*!!!!  !   !!  *  * !*   !!!!!!!!!!!!* !! !!!* *!  **!*! ! !!!!!!

logo

NTDB id 407805 GPY29 RS24585 WP 029838311.1   KQSGYEAAKASLKKYPDVEFIYACSTDVALGAVEALSELGREDVMINGWGGGSAELDAILKGELDITVMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                      !!!!!!    *!  !** !!!!! !!!!!!!  !! !!  ! !***!!!!!!!!!!!*!* !!!!!*!!!!!!!!!!*!!!

logo

NTDB id 407805 GPY29 RS24585 WP 029838311.1   EAIKWDLEGKPVPTVYSGDFEVVTKSDSPERIEALRKRAFRYSDN   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!!!!!!!!*!! !!!!!!!!!!! !!* !!  !* !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved