```
logo
NTDB id 409019 GO174 RS15410 WP 024375537.1   MKKTLLLIVCLCFAPLAFAYSSQVLNGYWHYQEFLNANPQQKTLTESLSNAVRQSPARLNVKQSKPVTISVVYPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     !!* !* ***!* !*         ! !!!!! !!!    ! !****!    * !!  !  ! ! !  !! !!!!!!!!!!!!

logo

NTDB id 409019 GO174 RS15410 WP 024375537.1   YWIRNIKAFEMRLEELGIEYQINQVFTRPNLDMRQQSLSLMEALKNNTDYLIFTLDTTRHRKFIEHVLSSSPTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!*!!!!!!! !** !!! !!!!!!!!!!!!! !!!!*!!!!!!!! *!!!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!

logo

NTDB id 409019 GO174 RS15410 WP 024375537.1   TTPVRDWDSRQPMMYVGFDHETGAQQLAQYYREHVPKGSKYSVLYFSEGYVSDARGDTFIQQMEGTGDYQLASSYYTKAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAPKK.PYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!*!!  *!!!!!*!!!!! !!! !!!!!  ! !! **!!!!!!!!!!*!*!!!!!!!! ! * ****!!!!!!!!!!

logo

NTDB id 409019 GO174 RS15410 WP 024375537.1   QESGYEATLNILKNDPDIKFIYACSTDVALGAAQALQEQNREDIQVNGWGGGSAELEALNEGHLDVTVMRINDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                       !!!!!!!!!*!! !*! !!!!! !!!!!!!!!!! ! !! !! !!!!!!!!!!!!!!  !*!!!!!!!*!!!!!*!!!

logo

NTDB id 409019 GO174 RS15410 WP 024375537.1   EAIKRDLEGEAVPVVYSGDFEIVTKEDSSQKIDVFKQRAFRYSDR   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!! !!!!  !!*!!!!!!!*!!! !!  *!   ! !!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved