```
logo
NTDB id 254537 CTT30 RS19640 WP 252036733.1   MLKTTFLSLAVIASAASHAHTTQVLNGYWQYDEYLESNPVQKQLTDALSETVRNYPIPISLKQDKPVSIAVVYPGQQISD   80
NTDB id 1163 A1552VC RS18030 WP 000823678.1   MKRKLISPLFLIAALFSSTGQADSLKGYWHYDEFLAEFPEQRPISELFAQTVRDKPSALTVAQEQPVIISVVYPGQQISD   80
consensus                                     ! *    *! *!!   !* *    ! !!!*!!!*!   ! !*****    !!!  ! **** !* !! ! !!!!!!!!!!

logo
NTDB id 254537 CTT30 RS19640 WP 252036733.1   YWVRNIRAFETRLEKLGISYKINQVFTRPNLDVRQQSLSLLEAVQNKADYLIFTLDTTRHRKFIEHVLSSTNTKLILQNI   160
NTDB id 1163 A1552VC RS18030 WP 000823678.1   YWVRNIKAFEKRMDALGIRYQINQVFTRPNLDTRQQSVSLMEALKNKSDYLIFTLDTTRHRKFIEHVLHSSETKLILQNI   160
consensus                                     !!!!!!*!!! !** !!! ! !!!!!!!!!!! !!!!*!!*!!* !! !!!!!!!!!!!!!!!!!!!!!*!* !!!!!!!!

logo
NTDB id 254537 CTT30 RS19640 WP 252036733.1   TTPVRAWDDQQPFMYVGFDHIKGARIIEQYYKETVPKQSRYSVLYFSEGYVSDARGDTFIEEMSHHDSYQLSSSYYTTAT   240
NTDB id 1163 A1552VC RS18030 WP 000823678.1   TTPVKDWQGKQPMMYIGFDHEYGAQLLAQYYQAHAPKK.PYSVLYFSEGYISEARGDTFIQDMNAVHHFPLASSYYTKAT   239
consensus                                     !!!!* !   !! !!*!!!!  !! ** !!!  * !! **!!!!!!!!!!*!*!!!!!!! *! ******! !!!!! !!

logo
NTDB id 254537 CTT30 RS19640 WP 252036733.1   RESGFKAAVKAIEKDPNLSFIYACSTDVALGAADALKSMKREDILINGWGGGSAELEAIANGQLDVTAMRMNDDTGIAMA   320
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EQSGYEATLNIVKNNPEIGFIYACATDVALGAAQALKELNRQDILVNGWGGGSAELEALAKGELDVTVMRMNDDTGVAMA   319
consensus                                       !!* ! *  *   ! * !!!!! !!!!!!!! !!! * ! !!!*!!!!!!!!!!!!!*! ! !!!! !!!!!!!!*!!!

logo
NTDB id 254537 CTT30 RS19640 WP 252036733.1   EAIKWDLEGKAVPHVYSGDFEVVAKTDSPAKVEKLKQRAFRYSDQ   365
NTDB id 1163 A1552VC RS18030 WP 000823678.1   EAIKWDLEGKSVPLVYSGDFEVVTKQDSAARIAELKARAFRYSDR   364
consensus                                     !!!!!!!!!!! !!*!!!!!!!!!! ! !!*!**  !! !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved