```
logo
NTDB id 161580 ATE47 RS16535 WP 062162994.1  .MYSEEHLYSIALRECNLIGDINFHKLVRIFGSAKSVWENAPKEYKKLDGIGKKMVSDMGNPEHLKFAEKELIFCEKNNI   79
NTDB id 1342 RA0C RS05130 WP 004918085.1     MVNAEEILYSIALRRSPLVGDVIFASLVSEVGSAKEAWGLSKLELRKISGVGKQIASNIGDKNLLKFAEKEIEFCIKNEI   80
consensus                                    **  !!*!!!!!!! **!*!!* !* !!   !!!!  !   * ! *!* !*!! * ! *! * *!!!!!!!* !! !! !

logo
NTDB id 161580 ATE47 RS16535 WP 062162994.1  KINLRHFHELPQFLNECDDAPAILYQKGNFDDSMQKLSIVGTRNMTSYGKQFIHDFFEETQSFDYISVSGLALGVDKEVH  159
NTDB id 1342 RA0C RS05130 WP 004918085.1     KIHLRHLNQLPRLLGECYDAPAILFQKGDYEDTANNISIVGTRNATAYGKSFLEDLIVQFKNKNIQVISGLALGTDGIAH  160
consensus                                    !!*!!! * !!  ! !! !!!!!!*!!! **!* * *!!!!!!! ! !!! !**!            *!!!!!! !   !

logo
NTDB id 161580 ATE47 RS16535 WP 062162994.1  EQSIHFQIPTVAVLAHGLHLLYPAKNRNLSEKILEEGGALLTEFNSSRKPDRENFIQRNRIVAGISPSIIVVETAFGGGS  239
NTDB id 1342 RA0C RS05130 WP 004918085.1     QEALKNNIKTSAVLAHGLHIIYPSKHKILAEEILNNGGALFSEFCSDEKPDREHFLQRNRIVAGLSANTIVVESAYAGGS  240
consensus                                       ** *!*! !!!!!!!!**!! !** ! ! !!  !!!! *!!*!  !!!!!*!*!!!!!!!!*!*  !!!!*!**!!!

logo
NTDB id 161580 ATE47 RS16535 WP 062162994.1  ISTTTFANGYNREVFALPGKITDKQSQGCNHLIFQHKATAISTIKNLIDYLGFNKPKQKIEELFPADEVTIQMTENQELI  319
NTDB id 1342 RA0C RS05130 WP 004918085.1     ISTASFANQYNREVYALAGRLTDKYSQGCNHLIFQNKAKIISSIKGLLKDLDLDNTS.KVLELFPSVEVS..LTPVQEPV  317
consensus                                    !!! *!!! !!!!!*!!*!**!!! !!!!!!!!!!*!!  !!*!! !*  !    * *!* !!!!  !!*****!* !!**

logo
NTDB id 161580 ATE47 RS16535 WP 062162994.1  FRLIFNNPQISLDSLVEKSDLSSHKILPVILELELLGKLKSFSGRQFIAI   369
NTDB id 1342 RA0C RS05130 WP 004918085.1     YDIIKEVNDISLDDLSEKLNQPISKVFPVLLELELLGLIRANSGRRYSII   367
consensus                                    * *!   * !!!! ! !!   * *!* !!*!!!!!!! **  !!! *  !
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X non conserved

X similar

X $\geq$ 50% conserved