```
logo

NTDB id 165143 MGAS27061 RS08375 WP 002994930.1  MTKELLIDLPIEDIITNPYQPRIQFNQRELQDLATSIKSNGLIQPIIVRKSDIFGYELVAGERRLKASKMAGLKKVPAII   80
NTDB id 382 SMU RS09895 WP 011074697.1           MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVII   80
consensus                                        !  ! !  !*  !! *!!!!!*!!  *!! *!! !!! !!!!!!!!!!!!!!!!!*!!!!!!!!!! !*!!! !*! !!

logo

NTDB id 165143 MGAS27061 RS08375 WP 002994930.1  KKISTLESMQQAIVENLQRSNLNAIEEAKAYQLLVEKKHMTHDEIAKYMGKSRPYISNTLRLLQLPAPIIKAIEEGKISA   160
NTDB id 382 SMU RS09895 WP 011074697.1           KKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQ   160
consensus                                        !!!!  *!! !!!*!!!!!! !!*!!!!!!!! !* * !!!!!*!!! *!!!!!!!*!**!!!*!!  !  !*! ! !!

logo

NTDB id 165143 MGAS27061 RS08375 WP 002994930.1  GHARALLTLSDDKQQLYLTHKIQNEGLSVRQIEQLVTSTPSSKLSKKTKNIFATSLEKQLAKSLGLSVNMKLTANHSGYL   240
NTDB id 382 SMU RS09895 WP 011074697.1           GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQT.KKEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQL   239
consensus                                        !!!! !!**     !    *!!  ! !!!*!!!  * ! ** !  ! *! !!    !! !  !!!!*! **    ! ! !

logo

NTDB id 165143 MGAS27061 RS08375 WP 002994930.1  QISFSNDDELNRIINKLK   258
NTDB id 382 SMU RS09895 WP 011074697.1           KISFSSEEDFNRLMNKLN   257
consensus                                         !!!! *** !!**!!!
```

X non conserved

X similar

X ≥ 50% conserved