```
logo

NTDB id 20169 Spy49 1822 ACI62064.1     MFLILSRNSLMTKELLIDLPIEDIVTNPYQPRIQFNQRELQDLATSIKSNGLIQPIIVRKSDIFGYELVAGERRLKASKMAGLKK   85
NTDB id 382 SMU RS09895 WP 011074697.1  ..........MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNK   75
consensus                               **********!  ! !  !*  !! *!!!!!*!!  *!! *!! !!! !!!!!!!!!!!!!!!!!*!!!!!!!!!! !*!!! !

logo

NTDB id 20169 Spy49 1822 ACI62064.1     VPAIIKKISTLESMQQAIVENLQRSNLNAIEEAKAYQLLVEKKHMTHDEIAKYMGKSRPYISNTLRLLQLPAPIIKTIEECKISA  170
NTDB id 382 SMU RS09895 WP 011074697.1  IPVIIKKISDDDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKCLISQ  160
consensus                               *! !!!!!!  *!! !!!*!!!!!! !!*!!!!!!!! !* * !!!!!*!!!! *!!!!!!!*!**!!!*!!  !   *! ! !!

logo

NTDB id 20169 Spy49 1822 ACI62064.1     GHARALLTLSDDKQQLYLTYKIQNEGLSVRQIEQLVTSTPSSKLSKKTKNIFATSLEKQLAKSLGLSVNMKLTANHSGYLQISFS  255
NTDB id 382 SMU RS09895 WP 011074697.1  GHARLLLSIEKQDLQDKWFQKILTEQLSVHQIERALKSQT.KKEKKTSKDIFLAEKEKELSQSLGLPVVIHYNKKHQGQLKISFS  244
consensus                               !!!! !!**     !     !!  ! !!!*!!!  * ! ** !  ! *! !!    !! !  !!!!*! **    ! ! ! !!!!

logo

NTDB id 20169 Spy49 1822 ACI62064.1     NDDELNRIINKLK   268
NTDB id 382 SMU RS09895 WP 011074697.1  SEEDFNRLMNKLN   257
consensus                                *** !!**!!!
```

X non conserved

X similar

X $\geq$50% conserved