```
logo

NTDB id 61925 SIR RS19485 WP 021003376.1  ..MEKYQYITLNDIQTNPYQPRKEFSEDKITELANSIKEHGIIQPIIVRKSPIIGYELLAGERRFRAAKLAGLTNIPAIIKELTD   83
NTDB id 382 SMU RS09895 WP 011074697.1    MMTEQLKYLNTKDINPNPYQPRLQFKTKELEELAQSIKENGLIQPIIVRKSDIFGYDLVAGERRLKAAKLAGLNKIPVIIKKISD   85
consensus                                 ** !    !*    !!**!!!!!!  !     * !!!*!!!!*!*!!!!!!!!!*! !!*!*!!!!! *!!!!!!!  !! !!! **!

logo

NTDB id 61925 SIR RS19485 WP 021003376.1  DEMITQAIIENLQREDLNPIEEAQSYQYLIDK.GLTHKEIALTIGKSRPYITNSVRLLNLPSNIIEAVKEGNISQGHARLLINLS   167
NTDB id 382 SMU RS09895 WP 011074697.1    DDSMKQAIIENLQRSDLNPIEEAKAYQNLINRNHMTHDDIAKVIGKSRPYITNSIRLLNLPLHISQALEKGLISQGHARLLLSIE   170
consensus                                 !* * !!!!!!!!! !!!!!!!!  !! !! ****!! *!!  !!!!!!!!!!!!*!!!!!! *!  !*  ! !!!!!!!!!* *

logo

NTDB id 61925 SIR RS19485 WP 021003376.1  EK.EQNHWFEKILSQELSVRKLEKQLHPKRTKTVTKNKNQLFIKEEEERLKRIFGTDISLRFSKQSQSGKICIHFSNQEEYQRII   251
NTDB id 382 SMU RS09895 WP 011074697.1    KQDLQDKWFQKILTEQLSVHQIERALKSQTKK.EKKTSKDIFLAEKEKELSQSLGLPVVIHYNKK.HQGQLKISFSSEEDFNRLM   253
consensus                                   * ! *!! !!!*  !!!* *!* !**   !*  !    *!* ! !  !    ! ** *** ! ** ! **!*!!  !***!**

logo

NTDB id 61925 SIR RS19485 WP 021003376.1  DSFT   255
NTDB id 382 SMU RS09895 WP 011074697.1    NKLN   257
consensus
```

X non conserved

X similar

X $\geq$ 50% conserved