```
logo
NTDB id 176668 SporoP17a RS08010 WP 083034191.1  ......MKKRYLLTAVILLSLLSLFVGASRITPADLLDWRSETTEIFLISRVPRLVAILLAGAGMSIAGLIMQQLSRNKF   74
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1     MFFKHILSLKVLIALLFFGMISLFIGVISINVKDILNLNSTQLEIITLTRIPRLIAILLTGMSLSICGLIMQQLTQNKF   80
consensus                                        *******  * !*  **   **!!!*!   ! * !*!   !   !!  **!*!!!*!!!! !  *!!*!!!!!!!* !!!

logo
NTDB id 176668 SporoP17a RS08010 WP 083034191.1  VSPTTAGTLDATKLGILVSMLIFTNATLLEKMAVSFTFALLGTFLFMQILDRIKFKDAIFIPLVGLMFGSILSSITTFFA  154
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1     VSPTTAGTMDCAKFGILISLIFFAGASFFTQAIIASVFALLGSFIFIQILRKIKLKDVIFVPLIGLMFGGIISAITTFFA  160
consensus                                        !!!!!!!!*!* ! !!!*!** !  !*      *   !!!!!*!*!*!!! *!! !! !!*!!*!!!!! !*! !!!!!!

logo
NTDB id 176668 SporoP17a RS08010 WP 083034191.1  FKANVIQNMSAWLQGDFSMIMKGRYELLYISIPVLIITYLYANRFTVAGMGEDFSKNLGLAYKSIVNIGLILVALITTTV  234
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1     YALNYIQNIQGWLQGSMANVMQGNYELLYISLPLFILAYFLAHKITIVGMGEDIALNLGISYNGILFLGLMIVSIITSLV  240
consensus                                        *  ! !!!* *!!!!    *! ! !!!!!!!*!* !* !  !** !* !!!!!   !!!* !  !* *!!**! *!!* !

logo
NTDB id 176668 SporoP17a RS08010 WP 083034191.1  VLTVGLIPFLGLIIPNIVSIFKGDHLQKTLPHTALLGAIFLLICDILGRVIIFPYEISISLMVGVIGSAIFLFLLFRGKA  314
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1     IVSVGIIPFLGLIIPNLVALYLGDNLRKNLIYIALCGALFLLVCDIISRLVIFPFEMPLSITTGVLGSLIFIFLLLKRKA  320
consensus                                        ***!!*!!!!!!!!!!!*! ** !!*! ! !** !!*!!*!!!*!!!* !**!!!*!***!*  !!*!! !!*!!! * !!

logo
NTDB id 176668 SporoP17a RS08010 WP 083034191.1  YA   316
NTDB id 1235 CJJ81176 RS06500 WP 002869322.1     YA   322
consensus                                        !!
```

X non conserved
X similar
X ≥ 50% conserved