```
logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  MTKETSVNTLPSRQDITVEDTWRLEDIFASDEAWEAAYKEVKEELKKANQFQGKLGESADQLYNALQFQDNVLEKLGKVYAYSHM   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ........MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASM   77
consensus                                  ********  * ! **    !! !  !!!*! !!  !     *!!!!  * !*! *!! *!  !      ** *! !*! ! *!

logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  RYDQDTTNSLYQGFDDRAKNLYAQASSAFAYIVPELLSIEESTISQFTAEKSELKLYEHAIEEINLQRPHVLSATEEALLAQASE  170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  KNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGD  162
consensus                                  * !!!!!  !!! *  *! !!! ! ! !!!!  !! * ***  *  !    * ! !!*!  ! *  ***!!!!   ! !!! ! *

logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  VFDASSNTFGMLNNADLKFPTIKDEDGNDAEITHGRYIRFLESTDCRVRQEAFEGVYSTYGKFRNTFASTLAGQVKSQNFNASVR  255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  IFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVR  247
consensus                                  *! *** !! *! !!!* !! * !  !   !*!!! *!  *!! !* *!  !*!**! !!  ! *!*! !! ! !! *!**! !!

logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  KYDNARQAALSNNNIPEAVYDNLVETVNEHLPLLHRYLDLRKKVLKLDELHMYDLFTPLVQEVKMEVTYEEAKDYVLKGLAPLGE  340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  HYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ETALTYEESLKKAEEVLAIFGE  331
consensus                                  *!  !!*!!!  ! !!! !!! !*!*!! !!!!!!!!!!!!!!!! !!!!*!!!**!!!   *   *!!!!        !!* !!

logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  DYLQVLKEGFENRWVDVHENKGKRSGAYSSGTYGTNPYILMNWQNNVNNLFTLIHEFGHSVHSYYTRKYQPYPYGNYSIFVAEVA  425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  EYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIA  416
consensus                                  *!   ** *!  !!*!!!*!!!!!!!!!! ! ! !!***!*!!!  * !!!!!*!! !!!*!! *!!  !!!*!! !*!!*!!*!

logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  STCNENLLNDYLLNTIEDEKKRIYLLNHYLEGFRGTLFRQTMFAEFEHTIHVKAQNGEALTADMLTEEYYALNKKYFGDNMVIDE  510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  STTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNY  501
consensus                                  !!*!!!*! * !!   * !*! !  *!!!!!*!!*!!*!!!! !!!!!! !!     !  !!!! *   !  !! !!*

logo
NTDB id 267063 BAOM RS05415 WP 127759395.1  EIGLEWARIPHFYYNYYVYQYATGISAATALSKQILEEGEPAVNRYIEFLKSGSSDYPIEVLKKAGVDMTQAEPVREALKVFEEK  595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  EIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDR  586
consensus                                  !!  !! !!!!!! !!!!!!!!!!  !!* !   !**  !*    !* *!! !!!!!!*!!*!!!!!!!!* ***  ! !!!!**
```

```
logo

NTDB id 267063 BAOM RS05415 WP 127759395.1    LNELESLLLK.....   605
NTDB id 480 HSISS4 RS02090 WP 002890133.1     LVELEALVEKGVHLS   601
consensus                                     ! !!! !* !*****
```

X non conserved
X similar
X ≥ 50% conserved