```
logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  MANNELKRREQIPVERTWDLTAIFETDEKWEESYKQLQADLPKIQEFKGQIGSSAQSLYDLFKLQDNLSERLGKLYTYSH   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYAS   76
consensus                                      ****    ! ***   !!!!! !! !!  !!  !      !!*!   * !**  !!  !     !  !  !! !*! ! *

logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  MKYDQDTTNASYQAMNGRADHLLTMFSSSMSFIVPEILEIDEKQLAAFLEEKEELRLYKKVLDEINRQRPHTLSESEETL  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEEL  156
consensus                                      !! !!!!! * !!  ***! *! *  !    *  !! * *!*! !! ! !  * ! !! *  * *  ***! !!   ! !

logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  LAEASDSLQTASQAFSMLNNADLVFPKIKNEAGEEIELTHGRYVGFLESKDRRVRKEAFQAMFETYGKYKNTFAATLSGN  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      LAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGV  236
consensus                                      !! ! !  * **  ! *! !!!**!! *    !* *!!!!! **  *!!!!! *!! !* !!* !!  * *!*! !! !

logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  VKKDNFYAKVRNYESARQSALDSNNIPESVYDNLVEAVNEKLPLLHRYIELRKKVLKIDELHMYDLYTPLVDTDMKVTYE  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      VKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYE  316
consensus                                      !! *!* !!!!*! !!!* !!  ! !!!!!!! !*! !! *!!!!!!!**!!!!!! *!!!*!!!*!!!! *!*  *!!!

logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  EAQEYVLKSLAPMGEEYINIVEEGYNNRWIDVEENKGKRSGAYSSGAYGTNPYILLNWQDNVHDMYTLTHELGHSVHSYY  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTF  396
consensus                                      !         !!* !!!!   !* **  !!!!!**!!!!!!!!!! !!! !!***!!!!!! ** **!! !! !!!*!! *

logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  TRKEQPFRYGNYSIFVAEVASTCNEALLTDYLTKHLPDEKQKLYILNHFLEGFRGTVFRQTMFAEFEHQIHLEQQKGNAL  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      TRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQIL  476
consensus                                      !!   !!* !!  !*!!*!!*!!!*!! *!!* !  !***!*!  *   !!!!*!*!!*!!!!!!! !!!!!! !!      !* !

logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  TADQLTEMYYELNKKYFGEEMHIDEEIGLEWSRIPHFYYNYYVYQYATGYSAATALAKQILEGKDDEVARYISFLKAGSS  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      TADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSS  556
consensus                                      !!! *  *! *!! !!*    *   !!  !! !!!!!! !!!!!!!!!!* !!* !!  !**! ***   !***!!!!!!
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logo
NTDB id 1027370 AB4Y30 RS05915 WP 368654567.1  DFPIEVLKKAGVDMTTKQPIIDALNVFEEKLAEMEALLS......  599
NTDB id 480 HSISS4 RS02090 WP 002890133.1      DYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS  601
consensus                                      !*!*!!*!!!!!!!!   **  !  !!!**! !*!!!* ******
```

X non conserved

X similar

X $\geq$ 50% conserved