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logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  MSETQKLPLRKDVPADLTWDLTTIYQSDDQFEKDFVSVEKTLPSLKKLSGTLTQSAAALLTATETMLTAARKLEKVYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****  * ! ***   !!!!!!!* *!  *! ** !    !*      !*!  !!  !! !!!  **  !*!!!*!!!!

logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  QLKNDQDTSEDSYQAMYAKAQALAAQFGAATAWFDPELLKLNDKQMTSYYEAQPKLRDYKRLYDQTFAKRTHILSNEVEE  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                     *!!!!!!*   !!   !!!  !  !   ! !*!*!! * ! !! *  * !  ! !  ! * **   ! * !*!!*! !!

logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  VLAGADDIFSSGEKTFGVLDNTDLSFPTVTDENGHQVQLSQGVYGILLESTNRDVRRQAFQKLYEVYSQFQHTLAATLTT  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    *!!*! !!!   *  !! !!!! !* !! !*! *!* ! !**! *  !*!!  !!*!* !*  *!  ! !!!!! ! !!

logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  NVKNHNFKANVRQYHSALEAALSSTEIPVKVYDNLISEVNKHLDLLHRYVALRKRILGVDELHMYDLYTPLIGGKSPKYT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                     !! !!* ! !!*!*!! *!!!    !!  !!! !*  !!!!!*!!!!!* !!!**!!*!!!*!!!*!!!!    **  !

logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  FDESKKVALDALQVMGPQYVNHVKEEFNNRWIDVVENRYKRSGGYSSGTYDTNPFILLNWKDNLDNLYTLIHETGHSMHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    **!! ! ! * ! * !* !  *!*  !  !!!!!**!* !!!!*!! ! !!!!*!*!!!! ! !!!!*!!*!!!!!!*!!

logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  YYASHNQPYQYGDYSIFVAEIASTTNENILTDYLLDKFKDDDKMKRYILNYYLDGFKGTVFRQTQFAEFEQYIHEQDAKG  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDD.KTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASG  473
consensus                                     *  * !!! !!!!*!!*!!!!!!!!!!!!!* !!   !!!*! *  !!!*!!!!!!!!!!!!!!!!!!!* !!! !! !

logo
NTDB id 388007 LH500 RS04400 WP 040472834.1  QPLTANFLDNYYRQLNQKYYGESVISDKEIGLEWSRIPHFYYNEYVYQYATGFAAASTLADNIVNGDAEHVEKYLNYLKS  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    QILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKA  553
consensus                                    !*!!! !*   !  !! !!!         !!  !! !!!!!! !*!!!!!!!!!!!!!! !!* !!*!  !* ! !! !!!
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logo

NTDB id 388007 LH500 RS04400 WP 040472834.1   GSSDTPINVMKKAGVDMTQPEYLEKAFRIFEERLDEFEKLF.......   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1     GSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!! !* !*!!!!!!!!***!!* !!**!!*!! ! ! ! *******
```

X non conserved

X similar

X $\geq$ 50% conserved