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logo
NTDB id 21815 LIN RS11785 WP 010991115.1   MSKTNALPLREEVPENLTWDLTTIYPNDEAWEKAFTELQKITEESDQFKGRLAESSQTLYEALQFRDKAYDLISNLYVYAHLKMD   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                  *****  * ! ***!  !!!!!!!** !  !!  *           * !*! *!   !  !          *  *!!!!**! !

logo
NTDB id 21815 LIN RS11785 WP 010991115.1   QDTANAKYQGLHSRAGSLVTKLMSALSYYDPEILAMDESVLKQFLNENKDLQLYAHLLEELNLSRPYILSEKEEALLANAGEVLG   170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFN   165
consensus                                  !!!  * !!  * *!  ! * !  !  !**!! *!*!*  !  !   * ! !! !  ! !  ****!!   ! !!! !!**

logo
NTDB id 21815 LIN RS11785 WP 010991115.1   SSSNTFNTLNNADMKFPTIKDENGEEIEITHGRYGKLLESNDPRVRKDAFLGVYSVYEGLKNTLASTLNGQVKKSNFYASTRGYK   255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYN   250
consensus                                   ** !!! ! !!!* !! * ! *!* *!*!!! *  !*!! !* *!! !* **!  !!   *! ! !!*! !! *!* !  !*!

logo
NTDB id 21815 LIN RS11785 WP 010991115.1   SAREAALSGNHIPETVYDSLLKSVNNNASLLHRYVKLRKELLGLEELHMYDLYTPLSDDVNLEFTYEEAKEIVLEALKPLGDEYQ   340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  SARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALTYEESLKKAEEVLAIFGEEYS   334
consensus                                  !!!*!!! *!*!!!*!!!!!! !!! * *!!!!!* !!! *!!!*!!*!!!*!!!!!*  *   !!!!       ! ! * !*!!

logo
NTDB id 21815 LIN RS11785 WP 010991115.1   SILKEAFDSRWIDVMENKGKRSGAYSSGSYSTNPYILLNWQDNINNVYTLAHELGHSVHSYYTRKNQPFVYGDYSIFLAEVASTT   425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  KGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTT   419
consensus                                    ** !!  !!!!!**!!!!!!!!!! ! ! !!***!!!!!! * !**!! !! !!!*!! *!!  !!*!!!!!*!!!!!*!!!!

logo
NTDB id 21815 LIN RS11785 WP 010991115.1   NENLLTDYLLKKYKDDPKVRAYLLNHYLDGFKGTVFRQTQFAEFEHAIHQADQEGVALTADYLTETYFDINKKYYGDAIVYDAEIG   510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  NENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQ   504
consensus                                  !!!*!!* !!!    !*! !  *!!!!!!!!!!!!!!!!!!!!!!!!!!! !!  !  !!!!**   ! !*! !!!        !!

logo
NTDB id 21815 LIN RS11785 WP 010991115.1   YEWSRIPHFYMNYYVFQYATGFSAASALSAKILTEGQEAVTAYIDFLKAGSSDYPIDVLKKAGVDMATPNPVDDALKVFEQRLDE   595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVE   589
consensus                                  *!! !!!!!!!!!!!*!!!!!! !!! !  !!**   !   !!* *!!!!!!!!!!**!*!!!!!!!  * **! ! !!!! !! !
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logo

NTDB id 21815 LIN RS11785 WP 010991115.1      LEKLVK......   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1     LEALVEKGVHLS   601
consensus                                     !! !! ******
```

X non conserved

X similar

X $\geq$50% conserved