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logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  MSEKQLLRNQVPENLTWDLSSIFPTDEAWETAFNETRKSAQALSKYAGHVGDSADVLKEALEADLAVERQFEKVYVYAHQ   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ...MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASM   77
consensus                                    ***     ! ***!  !!!!**!!*!!  !!! *  !        ! !!!!* !!!  !  !  !  * * !  !!*!!!!*

logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  IYDQDTTNQKYSAYNARVQGLYAELSANTAFFQPEVLALSNEKLDAYL.ATAGLKKYAHFFDVLKARKPHTLPAEQEALL  159
NTDB id 480 HSISS4 RS02090 WP 002890133.1    KNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELL  157
consensus                                      !!!!!   !  !*!*   !!  !!   !*! !! *!!   !!  * *  *!!  ! !*!* ! ! !*! !* ! ! !!

logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  AGASDIFNASEQTFGALDNSDIVFGDVHTETGEIVPLTNGLYSLLLESKDRSLREEAFTTLYDSYIALQNTFASTLSSHV  239
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVV  237
consensus                                    !*! !!!!**  !!  !!! !!*!* !*   !**!*!!*! *  !*!!!!! *!  !*  *! *!   !*!*! !!  *!

logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  KGHNFLAKTRHYDSARQAAVTANDIPESVFETLTKTVDANLPLLHRFVSLRKKILNVDDVHSYDLYVPLVDEINFEVTYE  319
NTDB id 480 HSISS4 RS02090 WP 002890133.1    KVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ETALTYE  316
consensus                                    ! !!* !! !!! !!!*!!* !! !!!!!***!  *!  *!!!!!!** !!!!*! *!*** !!*! !! * *   *!!!

logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  KAKDIVLAALAPLGEDYIAIVQKAFDERWIDVVENKGKRTGAYSSGSYDTKPFILLNWQNNLNNVYTLAHEMGHSVHSYF  399
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTF  396
consensus                                              !!* !!*!   !* !! !!!!!!**!!!!!*!!!! ! !!! *!*!!!!!  ! !**!! !! !!!*!! !

logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  TRHNQEYHYGDYPIFLAEIASTTNEGLLTDYLLKTNDDPKFQAYVLNQYLDGFKGTVFRQTQFAEFEQWIHEQSAAGVAL  479
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TRGTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQIL  476
consensus                                    !!* !*!*!!!!!!!!!!!!!!!!!! *!!* !!!    !*!    *!!*!!!!!!!!!!!!!!!!!!!* !!!   ! !   !

logo
NTDB id 235291 CD198 RS02180 WP 025267786.1  TADEMSTFYGSLNQKFYGSDLFPDEAIAYEWARIPHFYYNFYVYQYSTGEAAATTLAERILTQ..NGAEDYKNYLKAGNS  557
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TADFMNKLYADLNEKYYNLKAELNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSS  556
consensus                                    !!! !   !* !! !*!     *   ! *!! !!!!!! !*!!!!! !! !!!* !!!*!** **   ! !  !!!!! !
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logo                                                  DYALNVIKKAGVNMSQPDYLNEAFKVFEERLNEFEKIMLK.....   597
NTDB id 235291 CD198 RS02180 WP 025267786.1           DYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1             !!*! !!!!!!! !***!!!  !!!!!!*!! ! ! ** !*****
consensus
```

X non conserved

X similar

X $\geq$ 50% conserved