```
logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  MTSQNKNNHLPDRSEVKEENKWRLEDIFASVDAWNKEFEAVKKEIPKLAQFKGKLAHSADVLYEALTFQDQLSEKLGKLY   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ........MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIY   72
consensus                                    ********* * !*** !   !  !!!*   !  !*!    ***!   * !*! *!!  !  !       !  *! !*!

logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  TYAHMKYDEDTTNSSFQALNDKASNLFTQLSSTSAYIVPEILSIQEDKLQQFILEKEELKLYSHALEEINKERPHILSEE  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VYASMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQE  152
consensus                                     !!*!! ! !!!   *!  * !!!!!**!!!   !!  !! * * * !!  !    * ! !! !  ! *   **!*!! !

logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  QEALLAEASEPLSSSSTTFSMFNNADISFPSVKDENGEEKKITHGNFITFLNSDDREVRKNAFKAVYKTYDQYKNTLAST  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AEELLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQT  232
consensus                                     ! !!! ! **   ** !! *  !!!! !! ! ! *!*   *!!!!!!! * ! !!**!! !* !*! !!*!* *! ! !

logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  LSGSIKKDNFYAKVRNYKSAREAALSRNSIPEEVYDNLIDTVHQYLPLLHRYIELRKKVLKLDEVHNYDLYTPLVKDAGM  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LQGVVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ET  311
consensus                                    ! ! *! *!* !!!!*! !!!*!!!  ! !!! !!! !***!* *!!!!!!!**!!!!!! !!!** !!*!!!!   *

logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  KLTYDEAKDYMLKGLAPLGEEYVSVLKEGLENRWVDVYENKGKRSGAYSSGSYGTNPYILMNWQNNIDNLFTLAHEFGHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ALTYEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHS  391
consensus                                     !!!*!         !!* !!!!   ** *   !!*!!**!!!!!!!!!! ! ! !!***!*!!!  *!!!!!! !! !!!

logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  VHSYYTRKHQPYPYGNYSIFVAEVASTTNEALLGEYLLNHLDDKKQRLYVLNHLLEGFRGTVFRQTMFAEFEHLIHVKAQ  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LHSTFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADA  471
consensus                                    *!! *!! *!!!*!! !*!!*!!*!!!!!! *! ! !! ** ! ! !  *!!! !*!!*!!!!!!! !!!!!! !!

logo
NTDB id 985561 MHH65 RS05585 WP 283241882.1  EGEALTPEFMTNLYYDLNKKYFGDGMVVDKEIGLEWTRIPHFYYNYYVYQYATGYSAAQALSKQILQEGKPAVERYTDFL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYL  551
consensus                                     !  !!**!!  !! !!! !!*        !!  !! !!!!!! !!!!!!!!!!* !!  !   !**   *  ! !  *!
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logo
                                                  KAGSSDYPLNVLKKAGVDMTSTEYLEAAFQVFEERLVEMEELYSKTVH
                                                                     TEVTANKDPTDAACKLFEDKLKELEALYEKGGELS

NTDB id 985561 MHH65 RS05585 WP 283241882.1       KAGSSDYPINVLKKAGVDMASKEPIEAACQLFEEKLKEMEELISKTGE..   608
NTDB id 480 HSISS4 RS02090 WP 002890133.1         KAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                         !!!!!!!!* !*!!!!!!!   ****!!* *!!**! !*! !* !  ***
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X non conserved

X similar

X $\geq$ 50% conserved