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logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  MSIENIPNRKDVPKNLTWDLTTIFKNHAEFEKEFKQVSAMLPQVSNLTGKLKMDSKSLLYVVQTVLRLNRMFEKLYVYAQ   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYAS   76
consensus                                    ****  *!! ***   !!!!!!!!  *!**! !*      !*  !   !*!    ! !!      * ! !  !!*!!!!

logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  LSNDIDTSNGSTQTDMDKVETLGTKVNKAQSWFDFEIIELGRQKIAQFIEEQPQLKQYERLFAVILKNEGHVLKPDEEKL  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEEL  156
consensus                                    * !! !!* !  !    !  ! * *  !  *!**! * !   !*! ! !  ! !  !** !  *! !  !!! ** ! !

logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  LSGAANIFASPEKIFGILDSSDFSFPTVPNEDGKIVKLSNGIYSSLLQSSDREVRKTAFQKFYTVFDQFQHTLAATLSTE  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGV  236
consensus                                    ! *!* !!  !   ! *!!  !  !! !*   ! *! !**! * *!* ! !!**!! !*   !  **!!!!! ! !!

logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  VSVNNYQAEVHHFDSAREMAMHENEIPTTVYDTLIKSVNQHLPLLHRYVALRKKILNLSEMHMYDMYVPLAQVPKTNFTF  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALTY  315
consensus                                    ! !*!!!! !*!* !!!* !** ! !! *!!!*!* !!! !!!!!!!!* !!!!*! ! !**!!!*! !!   **!  !*

logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  NKGKQIVLDALETMGDDYLKHVQEEFDNRWIDVVENQGKRTGAYSSGMYDTNPYVLLNWQDNLDNIYTLIHETGHSMHSY  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    EESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHST  395
consensus                                           * !   !**! !*!*  !  !!!!!**! !!!*!!!! ! !!!!***!!!!!! !!!**!!*!!!!!!*!!

logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  YSSHNQPYQYGDYSIFVAEIASTTNENILTDYLLENTADPEIKKYILSSYLEGFKGTIFRQTQFAEFENEIHQASQAGKA  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    FTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQI  475
consensus                                    ** * !!! !!!!*!!*!!!!!!!!!!!!!* !!    !*  *  !! *!!*!!!!!*!!!!!!!!!!* !! !   !

logo
NTDB id 174942 AYR60 RS04230 WP 054646704.1  LTADFMNKLYLKLNQKYYGNQIISDPEIKLEWSRIPHFYYDFYVYQYATGFAAASNLATNLTSGNERDLQNYLDYLKSGS  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGS  555
consensus                                    !!!!!!!  !  !! !!!        *!!  !! !!!!!!  *!!!!!!!!!!!!!! !!  * *! ! !   !! !!! !!
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logo
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NTDB id 174942 AYR60 RS04230 WP 054646704.1  SKTPIEIMQLAGVDMMDSSYLDNAFAKFANRLDQLEDLL.......   599
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                    !  !*!**  !!!!!  * !!! !!  !  !!  !! !********
```

X non conserved

X similar

X $\geq$ 50% conserved