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logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   MRAKVLLVEDSTSLAILYKQYVKDEPYDIFHVETGRDAIQFIERNTPQLVILDLKLPDMSGEDVLDWINQNDVPTAVIIA   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1    ......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVFM   74
consensus                                      *******!!!* !*! !!* !* * * !! *! !!!!!! ! ! ! !**!!!*!!!!*! !!! * ** ***

logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   TAHGSVDIAVSLMNKGAEDFLEKPIKADRLKTSIAVHLKRAK.LEHLVENMQSRFDRPRYHGFIGACLPMQAVYKIIDSV   159
NTDB id 1157 A1552VC RS03895 WP 001888250.1    TAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKND.....VDNKNQNYQGFIGSSQTMQAVYRTIDSA   149
consensus                                      !!!!!*! !!  ! *!! !!! !!* !!!!* **  ****! *! * *****     * !*!!!! * *!!!!!* !!!

logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   APTTASVFINGESGTGKEVCAEAIHKQSLRKDQPFIAINCGAIPRDLMESEIFGHLKGAFTGATTERKGAAMLANGGTLF   239
NTDB id 1157 A1552VC RS03895 WP 001888250.1    ASSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLF   229
consensus                                      !** !!*!! !!!!!!!!!!!!!!!  ! ! ! !!!!!!!*!!!*!!*!!!*!!!*!!!!!!! !!! !!!  ! !!!!!

logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   LDELCEMELEMQKKLLRFLQTGTFTPLGGSKEIKVDVRIICATNRDPLKEVEEGRFREDLYYRVHVVPIEMPPLRERGND   319
NTDB id 1157 A1552VC RS03895 WP 001888250.1    LDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDD   309
consensus                                      !!!!!!!*!**! !!!!!*!!!!! **! !!   !!!! *!!!!!!! !!! !!!!!!!!!!!**!*!***!!!! !! !

logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   IVELANHFLKTYAKEDGKKFNSISKEAQSILKKYNWPGNVRQLQNIIRNIVVLNDDNQLNMEHLPAQLTTKPQTVKEPTK   399
NTDB id 1157 A1552VC RS03895 WP 001888250.1    VIEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPIN....   385
consensus                                      **!*! * !    !!*!! !  *! !     * ! !!!!!!!!!!**!!*!!!!*   * ***!**!   * ** ****

logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   LSTPPQPVQAVIQEMRNGHEALNHHSLETQTSKANPLAHNAFHHSDGSIRPMWQIEREAIQNAIAFCDGNVISAAVMLEL   479
NTDB id 1157 A1552VC RS03895 WP 001888250.1    ................................RALPLAHEN.KVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDV   432
consensus                                      ********************************! !!!!  ***! * ! !*!  !* !! *!!  !!!!** !!  !**

logo

NTDB id 972720 AABD45 RS06190 WP 406849408.1   SPSTVYRKKQAWEAEENA.....   497
NTDB id 1157 A1552VC RS03895 WP 001888250.1    SPSTIYRKLQTWNEKVKEKEKER   455
consensus                                      !!!!*!!! ! !      *****
```

X non conserved
X similar
X $\geq$ 50% conserved