```
logo
NTDB id 40501 U771 RS28245 WP 024077724.1   ..MTAKKEQKRQPISTGSEWTFELIQAYDREISRIAAGYALDTYPNQIEVITAEQMMDAYASVGMPLGYHHWSYGKHFLS   78
NTDB id 1450 BW25113 RS06185 WP 000190854.1 MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                   **          **! !**!!!*!*  !  !! !*!  ! !!!!!*!!!!!! !!!!!!! !!!!!* ! !!!*!!*!*

logo
NTDB id 40501 U771 RS28245 WP 024077724.1   TEKSYSRGQMGLAYEIVINSDPCIAYLMEENTICMQALVVAHACYGHNSFFKGNYLFRTWTDASSIIDYLVFAKQYIMQC   158
NTDB id 1450 BW25113 RS06185 WP 000190854.1 TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                   !!* ! *!! !!!!!!!!!! !!!!!!!!!!!!*!!!!!*!!!!!!!!!!!!! !!!!!*!!!!!!!*!!!*!!* !!  !

logo
NTDB id 40501 U771 RS28245 WP 024077724.1   EERHGIDAVEDLLDSCHALMNYGVDRYKRPYPISAEEERLRQKEREEHLQKQINDLWRTIPKRAGKNSDKDNARFPVEPQ   238
NTDB id 1450 BW25113 RS06185 WP 000190854.1 EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                   !!!*!*! !! !!!!!!!!!!!!!!!!!!! *!!  !!* !!! !!!*!! !*! !!!!*!!!    *  *  !*! !!!

logo
NTDB id 40501 U771 RS28245 WP 024077724.1   ENILYFLEKHAPLLEPWQREIVRIVRKIAQYFYPQRQTQVMNEGWATFWHYTLMNDLYDEGLVTDGFMMEFLTSHTSVVF   318
NTDB id 1450 BW25113 RS06185 WP 000190854.1 ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                   !!*!!!*!!*!!!!!*!!!!!*!!!!!* !!!!!!*!!!!!!!!!!!!!!!!!**!*!!!!! !!* !!*!!!*!!! !!!

logo
NTDB id 40501 U771 RS28245 WP 024077724.1   QPGFDSPYYSGINPYALGFAMYRDIRRMCEHPTEEDRRWFPEIAGSDWLSTIKFAMSSFKDESFILQYLSPKVIRDLKLF   398
NTDB id 1450 BW25113 RS06185 WP 000190854.1 QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                   !!** !!*!!!!!!!!!!!!!!* !!*!*! *!!!!!* !!!*!!!!!!! !**!!!  !!!!!!! !*!!!!!*!! * !

logo
NTDB id 40501 U771 RS28245 WP 024077724.1   SILDDDLKDDLVVPAIHDEPGYRIIRETLAAQYNLGNREPNIQIYSIDVRGDRSLTLRHQQHDRKPLGESTEEVLKHLHR   478
NTDB id 1450 BW25113 RS06185 WP 000190854.1 TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                   **!!!! *  ! **!!! !*!!! !!  !  !!!! ! !!!!!!* *!*!!!!!!!!!* *! ! !!     !!!!!*!!

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NTDB id 40501 U771 RS28245 WP 024077724.1   LWGFDIHLETLQGDQVMKT.HHVPPRSDHNDNDYGRLDLAVVHL   521
NTDB id 1450 BW25113 RS06185 WP 000190854.1 LWGFDVMLEQQNEDGSIELLERCPPRMGNL.............   510
consensus                                   !!!!!**!!  * !  *  ****!!!  * **************
```

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