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logo

NTDB id 37940 PCA10 RS02635 WP 016490474.1   ...MSASKKERKPISTGSEWTFDLIRTYDREISRIAERYALDTYPNQIEVISAEQMMDAYASVGMPIGYNHWSYGKHFLA   77
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    ****    !*  **! !**!!!!!*  !  !! !*!  ! !!!!!*!!!!!* !!!!!!! !!!!!! !*!!!*!!*!*

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NTDB id 37940 PCA10 RS02635 WP 016490474.1   TEKGYSRGQMGLAYEIVINSDPCIAYLMEENTITMQALVIAHACYGHNSFFKGNYLFRTWTDASSIIDYLVFAKQYIMQC   157
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!* ! *!! !!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!! !!!!!*!!!!!!!*!!!*!!* !!   !

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NTDB id 37940 PCA10 RS02635 WP 016490474.1   EERHGIDAVEDLLDSCHALMNYGVDRYKRPYPISAEEERRRQKEREEHLQKQINDLWRTIPKGAGKGGERDNQRFPAEPQ   237
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !!!*!*! !! !!!!!!!!!!!!!!!!!!! *!!  !!* !!! !!!*!! !*! !!!!*!!        *  !*! !!!

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NTDB id 37940 PCA10 RS02635 WP 016490474.1   ENILYFIEKHAPLLEPWQREVVRIVRKIAQYFYPQRQTQVMNEGWATFWHYTLLNDLYDEGLVTDGFMMEFLQSHTSVVY   317
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!*!!!!!*!!!!**!!!!!* !!!!!!*!!!!!!!!!!!!!!!!*!!*!!!!! !!* !!*!!!*!!! !!*

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NTDB id 37940 PCA10 RS02635 WP 016490474.1   QPPFDSPYYSGINPYALGFAMYRDIRRICEEPTEEDRHWFPDIAGSDWLTTIKFAMNSFKDESFVLQFLSPKVIRDLKLF   397
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                    !!!* !!*!!!!!!!!!!!!!* !!*!!!  !!!!!**!!!!!!!!!!! !**!!!  !!!!!!* !!!!!!!*!! * !

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NTDB id 37940 PCA10 RS02635 WP 016490474.1   SILDDDQKDELLVPAIHDEQGYRTIRETLAAQYNLGNREPNVQIWSVDRRGDRSLTLRHQQHDRKPLGESTEEVLRHLHR   477
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                    **!!!! *  ! **!!! ! !!! !!  !  !!!! ! !!!*!!! !! !!!!!!!!!* *! ! !!     !!!*!*!!

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NTDB id 37940 PCA10 RS02635 WP 016490474.1   LWGFDIHLETRQGEQIT.GSHHVPPKGERTEDGEYPRLDLIIPPI   521
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL...............   510
consensus                                    !!!!!**!!  * *   *  ***!!*    ***************
```

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