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logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   ...MVETARKIAPLDDGPDWNFDLLEIYHQEIARVAKFYRLDTYPNQIEVITAEQMMDAYSSVGMPIGYQHWSFGKRFIH   77
NTDB id 1450 BW25113 RS06185 WP 000190854.1  MATIDSMNKDTTRLSDGPDWTFDLLDVYLAEIDRVAKLYRLDTYPHQIEVITSEQMMDAYSSVGMPINYPHWSFGKKFIE   80
consensus                                    ****    *   *! !!!!! !!!!**!* !! !!!! !!!!!!!*!!!!!! !!!!!!!!!!!!! !*!!!!!!*!!*

logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   TERNYKRGQMGLAYEIVINSDPCIAYLMEENTMPMQALVMAHACYGHNSFFKNNYLFKAWTDASSIIDYLLFAKNYITEC   157
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TERLYKHGQQGLAYEIVINSNPCIAYLMEENTITMQALVMAHACYGHNSFFKNNYLFRSWTDASSIVDYLIFARKYITEC   160
consensus                                    !!! !!*!! !!!!!!!!!! !!!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!*!!!*!!* !!!!!

logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   EEKHGIDAVERLLDSCHALMNFGVDRYKRPQKISLAEEKRRQKAREDYLQTQVNELWRTLPKQHKAT.GIEDRRYPAEPQ   236
NTDB id 1450 BW25113 RS06185 WP 000190854.1  EERYGVDEVERLLDSCHALMNYGVDRYKRPQKISLQEEKARQKSREEYLQSQVNMLWRTLPKREEEKTVAEARRYPSEPQ   240
consensus                                    !!**!*! !!!!!!!!!!!!!*!!!!!!!!!!!! !!! !!! !!*!!!*!!! !!!!!!! *   *  ! !!!! !!!

logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   ENILYFIEKNAPLLEPWQREVVRIVRKISQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKISDRFMIEVLHSHTNVVY   316
NTDB id 1450 BW25113 RS06185 WP 000190854.1  ENLLYFMEKNAPLLESWQREILRIVRKVSQYFYPQKQTQVMNEGWATFWHYTILNHLYDEGKVTERFMLEFLHSHTNVVF   320
consensus                                    !!*!!!*!!!!!!!!*!!!!**!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!***!!!*! !!!!!!!!*

logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   QPPYNSRYYSGINPYALGFAMFTDLRRICENPTEEDRYWFPDYAGTNWVDTLHFAMQNFKDESFISQFLSPKVMRDMKLF   396
NTDB id 1450 BW25113 RS06185 WP 000190854.1  QPPYNSPWYSGINPYALGFAMFQDIKRICQSPTEEDKYWFPDIAGSDWLETLHFAMRDFKDESFISQFLSPKVMRDFRFF   400
consensus                                    !!!!!!**!!!!!!!!!!!!!! !**!!!  !!!!!*!!!!! !!* !**!!!!!!  !!!!!!!!!!!!!!!!!! * !

logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   AIDDDDLKNYLKVSAIHNEEGYRLVRNTLSAQYNLSNLEPNIQVYNVAVKGDRSLTLRYVPHNRIPLGESRHEVLKHLHQ   476
NTDB id 1450 BW25113 RS06185 WP 000190854.1  TVLDDDRHNYLEISAIHNEEGYREIRNRLSSQYNLSNLEPNIQIWNVDLRGDRSLTLRYIPHNRAPLDRGRKEVLKHVHR   480
consensus                                     * !!! *!!! *!!!!!!!!!! *!! !! !!!!!!!!!!!**!! **!!!!!!!!!*!!!! !!    !*!!!!!*!

logo

NTDB id 47996 H7K58 RS10235 WP 139751786.1   LWGFDVVLEQDNGELTADIIGRCPDRKSLT   506
NTDB id 1450 BW25113 RS06185 WP 000190854.1  LWGFDVMLEQQNEDGSIELLERCPPRMGNL   510
consensus                                    !!!!!!*!!! ! * * *** !!!*!
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X non conserved
X similar
X $\geq$ 50% conserved