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logo

NTDB id 414 AAK55818.1 838..2187( )      MLDLLKQ.TIF.TRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDL   78
NTDB id 972967 AAAF57 RS05490 WP 410536163.1 MTSIGLNIT.SFELALLFTLLFVAFY..FIFLAYRDYRRVKNIRKLTKRVKSLMAGNYNEELRLKGDPELLELADSLNDL   77
NTDB id 375 SMU RS06880 WP 002262929.1   MTNVFESSPLFLRILLAVLIILLFFY..FIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDL   78
consensus                                !* *  * ***  * *********!*  ***! ***** * ****** *!**!**! !** !** * ****** ***!!!

logo

NTDB id 414 AAK55818.1 838..2187( )      SEVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQS   158
NTDB id 972967 AAAF57 RS05490 WP 410536163.1 SDVFRLTHENLAQEKNRLSSVLSYMSDGVIATNRRGQITMINSTAQRLLNLDYETATQMSILDLLDGENPYTYSELLSKT   157
NTDB id 375 SMU RS06880 WP 002262929.1   SEVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILDD.DSYTYNDLITKT   157
consensus                                !*!*!!!*!!!*!!**!!*!*!*!!*!!!*!!*!*!*!**!!**!***!** *! *** *!!**!* ** !** *!****

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NTDB id 414 AAK55818.1 838..2187( )      PELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGA   238
NTDB id 972967 AAAF57 RS05490 WP 410536163.1 PEIHLSRRDANDEFVTLRVNFALIRKESGFISGLVAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGA   237
NTDB id 375 SMU RS06880 WP 002262929.1   PEIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGA   237
consensus                                !!**!***! **!***!**!!!*!*!!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

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NTDB id 414 AAK55818.1 838..2187( )      LCETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQEK..EKKYELVRDYPI   316
NTDB id 972967 AAAF57 RS05490 WP 410536163.1 LDEEIAPNFIKVSLDETNRMMRMISDLLALSRIDNKSTQLDVEMTNFTAFMTYILNRFDQIKSQESNTGKTYEIIRDYPV   317
NTDB id 375 SMU RS06880 WP 002262929.1   LTESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQS.TNKVYEIIRDYPD   316
consensus                                ! !**!! !!!!!!!!!!!!!!!!**!!! !!*!!! ***!!!!**!!!!!***!!*!!!****!** * ! !!**!!!!*

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NTDB id 414 AAK55818.1 838..2187( )      NSIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGG   396
NTDB id 972967 AAAF57 RS05490 WP 410536163.1 NSIWVEIDTDKMTQVVDNILNNAIKYSPDGGEITVSMKTTDSQLIVSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGG   397
NTDB id 375 SMU RS06880 WP 002262929.1   KSVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGG   396
consensus                                *!*!*!!!!!!!!!!*!!!!!!!!!!!!!!!!!!**!*!*!!**!*!*!!!!*!!!!!!!*!!!!*!!!!!!!!!*!!!!!!!!

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NTDB id 414 AAK55818.1 838..2187( )      TGLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 972967 AAAF57 RS05490 WP 410536163.1 TGLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAMMVDEWEME....   447
NTDB id 375 SMU RS06880 WP 002262929.1   TGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                                !!!!!*!!!!!*!!!!!!!!!*!!*!*!!!!!!!!!!**!** ***!!** **
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X non conserved
X similar
X $\geq$ 50% conserved