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logo

NTDB id 414 AAK55818.1 838..2187( )      MLDLLKQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLSE   80
NTDB id 173342 A0021 RS02550 WP 067060760.1 MNNNIVGNLNTFEFAILLLLVFVAFYFIHLAIRDFRFSKNIRMLSDKVRDLITGNYTGDIKVSGDADMRDLAEHLNDLSK   80
NTDB id 375 SMU RS06880 WP 002262929.1   MTNVFESSPLFLRILLAVLIILLFFYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLSE   80
consensus                                ! ***  ** * ********* * **** ! ***** * ****** !!**!!*! !*  *** * ****** ***!!!!*

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NTDB id 414 AAK55818.1 838..2187( )      VIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSPE  160
NTDB id 173342 A0021 RS02550 WP 067060760.1 VFQLTHENLAQEKNRLASILAYMTDGVLATDRTGQIIMINEMAQKQLNLSRDEALQLNIVDILGQDSPYNYSDLVSKTPE  160
NTDB id 375 SMU RS06880 WP 002262929.1   VFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILDD.DSYTYNDLITKTPE  159
consensus                                !**!!*!!!*!!**!! !!! !!!!!!!!!*!*!*!**!!**!*!!!*******!* *!***!   ** ! * !!****!!

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NTDB id 414 AAK55818.1 838..2187( )      LLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALC  240
NTDB id 173342 A0021 RS02550 WP 067060760.1 IVLNQRNEYDEFITLRIRFALNRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALK  240
NTDB id 375 SMU RS06880 WP 002262929.1   IVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGALT  239
consensus                                **!  *****!***!!*!!!!*!!!!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!

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NTDB id 414 AAK55818.1 838..2187( )      ETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQEK..EKKYELVRDYPINS  318
NTDB id 173342 A0021 RS02550 WP 067060760.1 EDIAPSFIKVSLDETNRMIRMISDLLNLSRIDNQVTQLDIEMINFTAYMTSVLDRFDHIKNQESFGGKYYEIVRDYPAVP  320
NTDB id 375 SMU RS06880 WP 002262929.1   ESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQST.NKVYEIIRDYPDKS  318
consensus                                !**!!*!!!!!!!!!!!!!!*!!**!!! !!*!!!****!!*!**!!!!*****!*!!!! ** !**   ! !!**!!!!  *

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NTDB id 414 AAK55818.1 838..2187( )      IWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTFDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGTG  398
NTDB id 173342 A0021 RS02550 WP 067060760.1 IWIEIDTDKMTQVLDNIINNAIKYSPDGANITVSMKTTDTQLIISVADEGLGIPKKDLPLIFDRFYRVDKARSRAQGGTG  400
NTDB id 375 SMU RS06880 WP 002262929.1   VWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGTG  398
consensus                                *!*!!!!!!!!!!*!!!*!!!!!!!!!!!!***!**!*!!**!*!*!**! !!!!!!*!!!*!!!!!!!!!!*!!!!!!!!!!

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NTDB id 414 AAK55818.1 838..2187( )      LGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 173342 A0021 RS02550 WP 067060760.1 LGLAIAKEIVKQHQGFIWAKSDYGKGSTFTIVLPYEKSANIYEEWEEDGD..   450
NTDB id 375 SMU RS06880 WP 002262929.1   LGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                                !!!*!!!!!*!!!*!!!!!*!**!*!!!!!!!!!!!****   **!!** **
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X non conserved
X similar
X $\geq$ 50% conserved