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logo
NTDB id 414 AAK55818.1 838..2187( )      MLDLL.KQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLS   79
NTDB id 1136684 DQL07 RS02370 WP 111702817.1 MTRDIIGNLSTFELAILILLVFVAFY.FIHLAVRDYRNARIIRMMSHKIRYLINGRYTDIIDEKADIELMELSDQLNDLS   79
NTDB id 375 SMU RS06880 WP 002262929.1   MTNVFESSPLFLRILLAVLIILLFFY.FIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLS   79
consensus                                !* **  * ** ** * *!******* ** ! ******* ****** !** !! ! !****** * ***********!!!!

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NTDB id 414 AAK55818.1 838..2187( )      EVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSP   159
NTDB id 1136684 DQL07 RS02370 WP 111702817.1 DVFRLTHENLAQEKNRLASILAYMSDGVLATDRSGKIIMINETARKQLNLSKEEALKKNITDLLEGDTSYTYRDLVSKTP   159
NTDB id 375 SMU RS06880 WP 002262929.1   EVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLITKTP   158
consensus                                *!*!!!*!!!*!!**!! !!! !!*!!!!!!*!*!*!**!!**!*!!!****!**! **!***!* ***!***!!****!

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NTDB id 414 AAK55818.1 838..2187( )      ELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   239
NTDB id 1136684 DQL07 RS02370 WP 111702817.1 VVTVNSRNDMGEFVSLRLRFALNRRESGFISGLVVVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   239
NTDB id 375 SMU RS06880 WP 002262929.1   EIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGAL   238
consensus                                **** **** *!***!!*!!!!*!!!!!!!!!!!**!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 414 AAK55818.1 838..2187( )      CETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE..KEKKYELVRDYPIN   317
NTDB id 1136684 DQL07 RS02370 WP 111702817.1 KEDIAPSFIKVSLDETNRMMRMISDLLNLSRIDNQVTQLAVEMTNFTAFITSILNRFDLVKNQHTGTGKVYEIVRDYPIT   319
NTDB id 375 SMU RS06880 WP 002262929.1   TESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQ.STNKVYEIIRDYPDK   317
consensus                                !**!!*!!!!!!!!!!!!!!!!!**!!! !!*!!!****!*!!**!!!!!***!!*!!! ** !    * !*!!**!!!!*

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NTDB id 414 AAK55818.1 838..2187( )      SIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGT   397
NTDB id 1136684 DQL07 RS02370 WP 111702817.1 SVWIEIDNDKMTQVIENILNNAIKYSPDGGKITVRMKTTDTQLIISISDQGLGIPKTDLPLIFDRFYRVDKARSRAQGGT   399
NTDB id 375 SMU RS06880 WP 002262929.1   SVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGT   397
consensus                                !*!*!!!*!!!!!!**!!!!!!!!!!!!!!!!!*!**!*!!**!*!*!!!!*!!!!!! !!!!*!!!!!!!!!*!!!!!!!!!

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logo
NTDB id 414 AAK55818.1 838..2187( )      GLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 1136684 DQL07 RS02370 WP 111702817.1 GLGLAIAKEIIKQHHGFIWAKSDYGKGSTFTIVLPYEKDAAIYEEWEEDLD..   450
NTDB id 375 SMU RS06880 WP 002262929.1   GLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                                !!!!*!!!!!*!!!*!!!!!!*!**!*!!!!!!!!!!**!*    **!!****
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X non conserved
X similar
X $\geq$ 50% conserved