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logo

NTDB id 414 AAK55818.1 838..2187( )   MLDLL.KQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLS   79
NTDB id 1037089 ACB340 RS02410 WP 023078748.1  MTRDIIGNLSTFELAILILLVFVAFY.FIHLAVRDYRNARIIRMMSHKIRDLINGRYTDIIDEKADVELMELSDQLNDLS   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 1037089 ACB340 RS02410 WP 023078748.1  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 1037089 ACB340 RS02410 WP 023078748.1  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 1037089 ACB340 RS02410 WP 023078748.1  KEDIAPSFIKVSLDETNRMMRMISDLLNLSRIDNQVTQLAVEMTNFTAFITSILNRFDLVKNQHTDTGKVYEIVRDYPIT   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 1037089 ACB340 RS02410 WP 023078748.1  SVWLEIDNDKMTQVIENILNNAIKYSPDGGKITVRMKTTDTQLIISISDQGLGIPKTDLPLIFDRFYRVDKARSRAQGGT   399
NTDB id 375 SMU RS06880 WP 002262929.1  SVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGT   397
consensus                              !*!*!!!*!!!!!!**!!!!!!!!!!!!!!!!*!**!*!!**!*!*!!!!*!!!!!! !!!*!!!!!!!!!!*!!!!!!!!!

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NTDB id 414 AAK55818.1 838..2187( )   GLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 1037089 ACB340 RS02410 WP 023078748.1  GLGLAIAKEIIKQHHGFIWAKSDYGKGSTFTIVLPYEKDAAIYEEWEEDVD..   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