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logo
NTDB id 414 AAK55818.1 838..2187( )      MLDLLKQT.IFTR.DFIFILLLLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDL   78
NTDB id 375362 FP509 RS04375 WP 001065469.1 MNNSAANIR.SFELALLFLLVFVAV..YFVYLAVRDFKMSKNIRLLNWKVRDLIAGNYSDSILIQGDADLVELGESLNDL   77
NTDB id 375 SMU RS06880 WP 002262929.1   MTNVFESSPLFLRILLAVLIILLFF..YFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDL   78
consensus                                ! **  ** ** ** *********  ****! ***** * *****! !!**!!*! !** * *** ****** ***!!!

logo
NTDB id 414 AAK55818.1 838..2187( )      SEVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQS  158
NTDB id 375362 FP509 RS04375 WP 001065469.1 SDVFRMAHDNLEQEKNRLASILTYMTDGVLATDRSGKIVMINETAQQQFNLAYDEALSMNIVDMLGSGSPYSFQDLVSKT  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 375362 FP509 RS04375 WP 001065469.1 PEVVLNRRDENGEFVTLRIRFALNRRESGFISGLVAVSHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGA  237
NTDB id 375 SMU RS06880 WP 002262929.1   PEIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGA  237
consensus                                !!**! **!***!**!!*!!!!*!!!!!!!!!!*!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!

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NTDB id 414 AAK55818.1 838..2187( )      LCETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE..KEKKYELVRDYPI  316
NTDB id 375362 FP509 RS04375 WP 001065469.1 LNEEVAPSFIKVSLDETNRMMRMISDLLSLSRIDNEVTHLDVEMTNFTAFMTSILNRFDQIRNQKTVTGKVYEIVRDYPL  317
NTDB id 375 SMU RS06880 WP 002262929.1   LTESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQ.STNKVYEIIRDYPD  316
consensus                                ! !*!!!*!!!!!!!!!!!!!!!!!**!!!*!!*!!! **!!!!!**!!!!!**!!*!!!*** !   * !*!!**!!!!*

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NTDB id 414 AAK55818.1 838..2187( )      NSIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGG  396
NTDB id 375362 FP509 RS04375 WP 001065469.1 KSIWVEIDTDKMTQVIDNILNNAVKYSPDGGKITVNLRTTKTQMILSISDQGLGIPKKDLPLIFDRFYRVDKARSRQQGG  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 375362 FP509 RS04375 WP 001065469.1 TGLGLSIAKEIVKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVTYEEWEDVED..   449
NTDB id 375 SMU RS06880 WP 002262929.1   TGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                                !!!!!*!!!!!!*!!!!!!!!!!*!!*!*!!!!!!!!!!!**!**  **!!*****
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X non conserved
X similar
X $\geq$ 50% conserved