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logo

NTDB id 414 AAK55818.1 838..2187( )      MLDLL.KQTIFTRDF.IFILLLLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDL   78
NTDB id 339150 ESP48 RS00890 WP 014621665.1 MTSIVLNITSF.ELALLFTLLFVAFY..FIFLAYRDYQQVKNIRKLTKRVKSLMAGNYSEKLRIKGDSELLELANSLNDL   77
NTDB id 375 SMU RS06880 WP 002262929.1   MTNVFESSPLFLRILLAVLIILLFFY..FIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDL   78
consensus                                !* **   **! ** *********!*  ***! ******* ****** *!**!**! !***!** * !***** !**!!!

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NTDB id 414 AAK55818.1 838..2187( )      SEVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQS   158
NTDB id 339150 ESP48 RS00890 WP 014621665.1 SDVFRLTHENLIQEKNRLSSVLSYMSDGVIATNRLGQITMINSTAQRLLNLDRETATQMSILDILDGENPYTYSELLSKT   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 339150 ESP48 RS00890 WP 014621665.1 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 339150 ESP48 RS00890 WP 014621665.1 LNEEIAPNFIKVSLDETNRMMRMISDLLALSRIDNKSTQLNVEMTNFTAFMTYILNRFGQIKSQETNPGKSYEIIRDYPV   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 339150 ESP48 RS00890 WP 014621665.1 NSIWVEIDTDKMTQVIDNILNNAIKYSPDGGKITVSMKTTDTQLIVSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGG   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 339150 ESP48 RS00890 WP 014621665.1 TGLGLSIAKEIVKQHNGFIWAKSEYGKGSTFTIVLPYDQDAMMVDEWEM.....   446
NTDB id 375 SMU RS06880 WP 002262929.1   TGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                                !!!!!*!!!!!!*!!!!*!!!!!*!!*!*!!!!!!!!!!!**!** ***!!** **
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X non conserved
X similar
X $\geq$ 50% conserved