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logo

NTDB id 414 AAK55818.1 838..2187( )      MLDLLK..QTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDL   78
NTDB id 1130446 STHERMO RS05485 WP 011227273.1  MTSIGLNI.TSFELALLFMLLFVAFY..FIFLAYRDYQQVKNIRKLTKRVKSLMAGNYNEKLCIKGDSELLELANSLNDL   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 1130446 STHERMO RS05485 WP 011227273.1  SDVFRLTHENLIQEKNRLSSVLSYMSDGVIATNRLGQITMINSTAQRLLNLDRETATQMSILDILDGENPYTYSELLSKT  157
NTDB id 375 SMU RS06880 WP 002262929.1  SEVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILDD.DSYTYNDLITKT  157
consensus                               !*!*!!!*!!! !!**!!*!*!*!!*!!!*!!*! !*!**!!**!***!** *! ***  *!!**!* ** !** *!****

logo

NTDB id 414 AAK55818.1 838..2187( )      PELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGA  238
NTDB id 1130446 STHERMO RS05485 WP 011227273.1  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 1130446 STHERMO RS05485 WP 011227273.1  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 1130446 STHERMO RS05485 WP 011227273.1  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 1130446 STHERMO RS05485 WP 011227273.1  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