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logo

NTDB id 414 AAK55818.1 838..2187( )   MLD.LLKQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLS   79
NTDB id 1016669 ABG809 RS08175 WP 003101335.1   MTKDIIGNLSLFELAILSLLIFVAVY.FVHLALRDYRNAKIIRQMSHKIRDLINGRYTDDINQKADIELMELSEQLNDLS   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 1016669 ABG809 RS08175 WP 003101335.1   DVFRLSHENLAQEKNRLASILAYMSDGVLATDRSGQILMINETAQKQLNLSREEALQKNITDLLDNDTPYTYRELVSKTP   159
NTDB id 375 SMU RS06880 WP 002262929.1   EVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILDD.DSYTYNDLITKTP   158
consensus   *!*!!**!!!*!!**!! !!! !!*!!!!!!*!*!*!**!!**!*!!!****!**!***!***!* ** !****!****!

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NTDB id 414 AAK55818.1 838..2187( )   ELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   239
NTDB id 1016669 ABG809 RS08175 WP 003101335.1   VVTLNRRDEMGEFITLRLRFALNRRESGFISGLVVVLHDMTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   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 1016669 ABG809 RS08175 WP 003101335.1   KEEIAPNFIKVSLDETNRMMRMISDLLNLSRIDNNVTTLAVEMTNFTAFMTSILNRFDLVKTQNTVAGKSYEIIRDYPIT   319
NTDB id 375 SMU RS06880 WP 002262929.1   TESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQS.TNKVYEIIRDYPDK   317
consensus   !**!! !!!!!!!!!!!!!!!!**!!! !!*!!!****!*!!**!!!!!***!!*!!! ***!**   ! !!**!!!!*

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NTDB id 414 AAK55818.1 838..2187( )   SIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGT   397
NTDB id 1016669 ABG809 RS08175 WP 003101335.1   SVWVEIDNDKMTQVIENILNNAIKYSPDGGKIGVKMKTTDTQLIISISDEGLGIPKKDLPLIFDLFYRVDKARSRAQGGT   399
NTDB id 375 SMU RS06880 WP 002262929.1   SVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGT   397
consensus   !*!*!!!*!!!!!!**!!!!!!!!!!!!!!!***!*!!**!*!*!!!! !!!!!!*!!!*!!!!*!!!!!*!!!!!!!!!

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NTDB id 414 AAK55818.1 838..2187( )   GLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVK..EEVWEDEVED*   449
NTDB id 1016669 ABG809 RS08175 WP 003101335.1   GLGLAIAKEIIKQHNGFIWAKSDYGKGSTFTIVLPYEKDVMTDGEDDWEDDID..   452
NTDB id 375 SMU RS06880 WP 002262929.1   GLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDN..DAIDEWEEDEDES   450
consensus   !!!!*!!!!!!*!!!*!!!!!*!**!*!!!!!!!!!!!!**! * ****!!*****
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X non conserved
X similar
X $\geq$50% conserved