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logo
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NTDB id 414 AAK55818.1 838..2187( )          MLDLL.KQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLS   79
NTDB id 1127103 FGK95 RS02835 WP 093998382.1 MTRDIIGNLSAFELAILLLLVFVAF.YFIHLAVRDYRNARIVRMMSHKIRDLINGRYTDMINEKADIELMELADQLNDLS   79
NTDB id 375 SMU RS06880 WP 002262929.1       MTNVFESSPLFLRILLAVLIILLFF.YFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLS   79
consensus                                    !* **  * ** ** * *!****** *** ! ******* ****** !***!! ! !**** * * ****** ***!!!!
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logo
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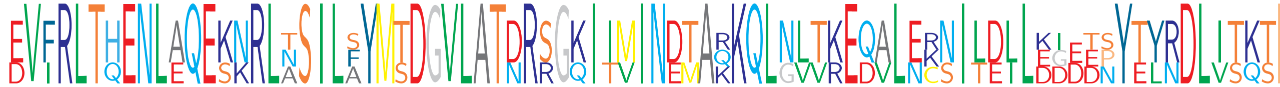

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NTDB id 414 AAK55818.1 838..2187( )          EVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSP   159
NTDB id 1127103 FGK95 RS02835 WP 093998382.1 DVFRLTHENLAQEKNRLASILAYMSDGVLATDRSGKIIMINETARKQLNLTKEQALEKNITDLLEGDTPYTYRDLVSKTP   159
NTDB id 375 SMU RS06880 WP 002262929.1       EVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILDD.DSYTYNDLITKTP   158
consensus                                    *!*!!!*!!!*!!**!! !!! !!*!!!!!!*!*!*!**!!**!*!!!****!**!***!***!* ** !***!!****!
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logo
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NTDB id 414 AAK55818.1 838..2187( )          ELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   239
NTDB id 1127103 FGK95 RS02835 WP 093998382.1 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 1127103 FGK95 RS02835 WP 093998382.1 TEDIAPSFIKVSLDETNRMMRMISDLLNLSRIDNQVTQLSVEMTNFTAFMTSILNRFDLVKNQHTGTGKVYEIVRDYPIT   319
NTDB id 375 SMU RS06880 WP 002262929.1       TESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQ.STNKVYEIIRDYPDK   317
consensus                                    *!**!*!!!!!!!!!!!!!**!!! !!*!!!****!*!!**!!!!!**!!*!!! ** ! * !*!!**!!!!*
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logo
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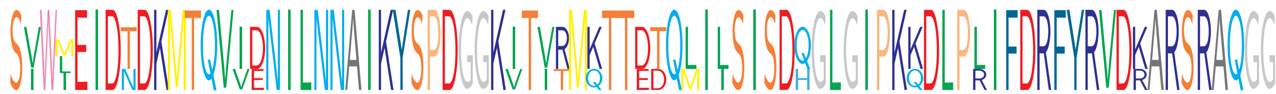

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NTDB id 414 AAK55818.1 838..2187( )          SIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGT   397
NTDB id 1127103 FGK95 RS02835 WP 093998382.1 SVWLEIDNDKMTQVIENILNNAIKYSPDGGKITVRMKTTDTQLIISISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGT   399
NTDB id 375 SMU RS06880 WP 002262929.1       SVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGT   397
consensus                                    !*!*!!!*!!!!!!**!!!!!!!!!!!!!!!!*!**!*!!**!*!*!!!!*!!!!!!*!!!*!!!!!!!!!!*!!!!!!!!
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logo
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NTDB id 414 AAK55818.1 838..2187( )          GLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 1127103 FGK95 RS02835 WP 093998382.1 GLGLAIAKEIIKQHHGFIWAKSDYGKGSTFTIVLPYEKDAAIYEEWEEDID..   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