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logo

NTDB id 375 SMU RS06880 WP 002262929.1     .....MTNVFESSPLFLRILLAVLIILLFFYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLSE   80
NTDB id 46464 UKS RS05805 WP 156012161.1   MIEVIRQTILTSDFIFILILIGFI.....LLVTFLLLESRRDNIRLRQLNQKVKDLIAGDYSQVLDMQGSSEITNITNNLNDLSE   80
NTDB id 414 AAK55818.1 838..2187( )        MLDLLKQTIFTRDFIFILILLGFI.....LVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLSE   80
consensus                                  ***************!**!!****     *****!*** ***!****!*!*!!**!!*!*!* *!**** !******!!*!!!!!

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NTDB id 375 SMU RS06880 WP 002262929.1     VFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLITKTPEIVLTR   164
NTDB id 46464 UKS RS05805 WP 156012161.1   VIRLTQENLEQESKRLHSILSYMTDGVLATNRRGKITMINDMAKKQLGVQKEEVLNKSILELLKIEDEYELRDLITQVPELMIDS   165
NTDB id 414 AAK55818.1 838..2187( )        VIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSPELLLDS   165
consensus                                  !*!!!*!!!*!!**!! !!!*!!!!!!!!!*!*!*!**!!!*!*!!!** *!**!***!!**!**** !***!!!!**!!*****

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NTDB id 375 SMU RS06880 WP 002262929.1     RDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGALTESVAPSFIKV   249
NTDB id 46464 UKS RS05805 WP 156012161.1   QDANGEYLSLRVRFALVRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALSEPVAPDFIKV   250
NTDB id 414 AAK55818.1 838..2187( )        QDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALCETVAPDFIKV   250
consensus                                  *! **!***!!*!!!!*!!!!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 375 SMU RS06880 WP 002262929.1     SLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQSTNKVYEIIRDYPDKSVWIEIDTDKMTQVIDN   334
NTDB id 46464 UKS RS05805 WP 156012161.1   SLNETNRMMRMVTDLLHLSRIDNATSHLDVELINFTAFITFILNRFDKMRGSD.EEKKYELVRDYPITSVWIEIDTDKMTQVIDN   334
NTDB id 414 AAK55818.1 838..2187( )        SLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE.KEKKYELVRDYPINSIWMEIDTDKMTQVVDN   334
consensus                                  !!*!!!!!!!!!*!!!!*!!*!!!*!!!!!!!!!*!!!!!***!!*!!!*****  *!*!!**!!!!* !*!*!!!!!!!!!!!*!!

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NTDB id 375 SMU RS06880 WP 002262929.1     ILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGTGLGLAIAKEIVKQHKGFIWANS   419
NTDB id 46464 UKS RS05805 WP 156012161.1   ILNNAIKYSPDGGKIKVRMKTTDDQMILSISDQGLGIPKQDLPKIFDRFYRVDRARSRAQGGTGLGLAIAKEIIKQHNGFIWAKS   419
NTDB id 414 AAK55818.1 838..2187( )        ILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGTGLGLSIAKEIIKQHKGFIWAKS   419
consensus                                  !!!!!!!!!!!!!!****!*!**!*!!!!!!*!!!!!!*!!!*!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!*!!!*!!!!!*!

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NTDB id 375 SMU RS06880 WP 002262929.1     EEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
NTDB id 46464 UKS RS05805 WP 156012161.1   EYGKGSTFTIVLPYDKDAVKEEVWEDEIEE.   449
NTDB id 414 AAK55818.1 838..2187( )        EYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
consensus                                  !*!*!!!!!!!!!!**!******!!**!***
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X non conserved
X similar
X $\geq$ 50% conserved