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logo

NTDB id 375 SMU RS06880 WP 002262929.1      MT.....NVFESSPLFLRILLAVLIILLFFYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLSE   80
NTDB id 43168 SR187 RS02935 WP 024532081.1  MFNQLRYLITTAEFWFVGILIGFLI.....ALTVLLIENYRDNKQIKQLNQKVNALIDGNYADILDLRGSPEITDMANSLNDLSE   80
NTDB id 414 AAK55818.1 838..2187( )         MLDLLKQTIFTRDFIFILLILLGFIL.....VVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLSE   80
consensus                                   !   **  *** ***!* !!*****      ***!*******! !*!!*!*!!* !! ! !***!** * ****** !**!!!!!

logo

NTDB id 375 SMU RS06880 WP 002262929.1      VFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLITKTPEIVLTR  164
NTDB id 43168 SR187 RS02935 WP 024532081.1  VIRLTHDHLEQEKTRLTSILSYMSDGVVATDRIGRVIMINDMAQKQLGLSGKKQEQYHLLEVLDLPDRYTLRDLFAQTPEIIIEH  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 43168 SR187 RS02935 WP 024532081.1  TNENEEFLTLRANFATIRSESGLISGLVVVLHDMTEQAKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALTESVAPSFVKV  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 43168 SR187 RS02935 WP 024532081.1  SLDETNRMIRMITDLLSLSRIDNQVGQVDVELINFTAFVTFILNRFDQMKNAD.SDKVYTIVRDYQISPIWVEIDTDKMTQVLDN  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 43168 SR187 RS02935 WP 024532081.1  ILNNAIKYSPDGGRITFSMKTTDSQLIVSISDEGLGIPKTDLPKIFDRFYRVDKARSRAQGGTGLGLAIAKEIIKQHRGFIWAKS  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 43168 SR187 RS02935 WP 024532081.1  EYGHGSTFTIVLPYSKDIALD.DWDEASEEE   449
NTDB id 414 AAK55818.1 838..2187( )         EYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
consensus                                   !*! !!!!!!!!!!**!    ***!*** **
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X non conserved
X similar
X $\geq$ 50% conserved