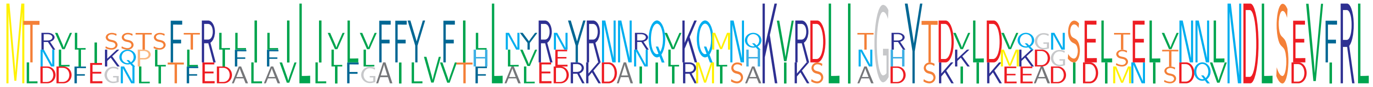
logo 

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NTDB id 414 AAK55818.1 838..2187( )     MLDLL.KQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLSEVIRL   84
NTDB id 24481 M28 RS02340 WP 002995609.1 MTRDIIGNLSTFELAILILLVFVAFY.FIHLAVRDYRNARIIRMMSHKIRDLINGRYTDIIDEKADIELMELSDQLNDLSDVFRL   84
NTDB id 375 SMU RS06880 WP 002262929.1  MTNVFESSPLFLRILLAVLIILLFFY.FIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLSEVFRL   84
consensus                               !* **  * ** ** * *!******* ** ! ******* ****** !***!! ! !****** * **************!!!!*!*!!
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logo

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NTDB id 414 AAK55818.1 838..2187( )     TQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSPELLLDSQDIN   169
NTDB id 24481 M28 RS02340 WP 002995609.1 THENLAQEKNRLASILAYMSDGVLATDRSGKIIMINETARKQLNLSKEEALKKNITDLLEGDTSYTYRDLVSKTPVVTVNSRNDM   169
NTDB id 375 SMU RS06880 WP 002262929.1  THENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLITKTPEIVLTRRDEY   168
consensus                               !*!!!*!!**!!  !!! !!*!!!!!!!*!*!*!**!!**!*!!!***!**!  **!****!*  ***!***!!****!****  ****
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logo

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NTDB id 414 AAK55818.1 838..2187( )     GEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALCETVAPDFIKVSLDE   254
NTDB id 24481 M28 RS02340 WP 002995609.1 GEFVSLRLRFALNRRESGFISGLVVVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGALKEDIAPSFIKVSLDE   254
NTDB id 375 SMU RS06880 WP 002262929.1  DEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGALTESVAPSFIKVSLDE   253
consensus                               *!***!!*!!!!*!!!!!!!!!!**!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! !**!!*!!!!!!!!
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logo

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NTDB id 414 AAK55818.1 838..2187( )     TNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE..KEKKYELVRDYPINSIWMEIDTDKMTQVVDNILN   337
NTDB id 24481 M28 RS02340 WP 002995609.1 TNRMMRMISDLLNLSRIDNQVTQLAVEMTNFTAFITSILNRFDLVKNQHTGTGKVYEIVRDYPITSVWIEIDNDKMTQVIENILN   339
NTDB id 375 SMU RS06880 WP 002262929.1  TNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQ.STNKVYEIIRDYPDKSVWIEIDTDKMTQVIDNILN   337
consensus                               !!!!!!!**!!!  !!*!!!****!*!!**!!!!!***!!*!!!  **  !    *  !*!!**!!!!!*  !*!*!!!*!!!!!!!**!!!!
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NTDB id 414 AAK55818.1 838..2187( )     NAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQGGTGLGLSIAKEIIKQHKGFIWAKSEYG   422
NTDB id 24481 M28 RS02340 WP 002995609.1 NAIKYSPDGGKITVRMKTTDTQLIISISDQGLGIPKTDLPLIFDRFYRVDKARSRAQGGTGLGLAIAKEIIKQHHGFIWAKSDYG   424
NTDB id 375 SMU RS06880 WP 002262929.1  NAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQGGTGLGLAIAKEIVKQHKGFIWANSEEG   422
consensus                               !!!!!!!!!!!*!**!*!!**!*!*!!!!*!!!!!!  !!!*!!!!!!!!!!*!!!!!!!!!!!!!!*!!!!!*!!!!*!!!!!!*!**!
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NTDB id 414 AAK55818.1 838..2187( )     KGSTFTIVLPYDKDAVKEEVWEDEVED*   449
NTDB id 24481 M28 RS02340 WP 002995609.1 KGSTFTIVLPYEKDAAIYEEWEEDVD..   450
NTDB id 375 SMU RS06880 WP 002262929.1  EGSTFTIVLPYENDNDAIDEWEEDEDES   450
consensus                               *!!!!!!!!!!**!*   **!!*****
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X non conserved
X similar
X $\geq$ 50% conserved