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logo

NTDB id 414 AAK55818.1 838..2187( )   MLDLL.KQTIFTRDFIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNLNDLS   79
NTDB id 978599 MGAS37637 RS02410 WP 002995609.1   MTRDIIGNLSTFELAILILLVFVAFY.FIHLAVRDYRNARIIRMMSHKIRDLINGRYTDIIDEKADIELMELSDQLNDLS   79
NTDB id 375 SMU RS06880 WP 002262929.1   MTNVFESSPLFLRILLAVLIILLFFY.FIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNVNDLS   79
consensus   !* **  * ** ** * *!******* ** ! ******* ****** !***!! ! !****** * *********!!!!

logo

NTDB id 414 AAK55818.1 838..2187( )   EVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLITQSP   159
NTDB id 978599 MGAS37637 RS02410 WP 002995609.1   DVFRLTHENLAQEKNRLASILAYMSDGVLATDRSGKIIMINETARKQLNLSKEEALKKNITDLLEGDTSYTYRDLVSKTP   159
NTDB id 375 SMU RS06880 WP 002262929.1   EVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLITKTP   158
consensus   *!*!!!*!!!*!!**!! !!! !!*!!!!!!*!*!*!**!!**!*!!!****!**! **!***!* ***!***!!****!

logo

NTDB id 414 AAK55818.1 838..2187( )   ELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   239
NTDB id 978599 MGAS37637 RS02410 WP 002995609.1   VVTVNSRNDMGEFVSLRLRFALNRRESGFISGLVVVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDEGAL   239
NTDB id 375 SMU RS06880 WP 002262929.1   EIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALDDGAL   238
consensus   **** **** *!***!!*!!!!*!!!!!!!!!!**!!!!*!!!!!!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved