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logo

NTDB id 1020609 ABVF41 RS07005 WP 002262929.1  .....MTNVFESSPLFLRILLAVLIILLFFYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNV   75
NTDB id 375 SMU RS06880 WP 002262929.1         .....MTNVFESSPLFLRILLAVLIILLFFYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNV   75
NTDB id 414 AAK55818.1 838..2187( )            MLDLLKQTIFTRDFIFILILLGFIL.....VVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNL   75
consensus                                          ****!*****!**!!!*************!*******!*!*!!*!*!!**!!*!*!***!*****!******!!*

logo

NTDB id 1020609 ABVF41 RS07005 WP 002262929.1  NDLSEVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLI   154
NTDB id 375 SMU RS06880 WP 002262929.1         NDLSEVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLI   154
NTDB id 414 AAK55818.1 838..2187( )            NDLSEVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLI   155
consensus                                      !!!!!!*!!!*!!!*!!**!!*!!!*!!!!!!!!!*!*!*!**!!!*!*!!!****!**!***!!**!* ***!***!!!

logo

NTDB id 1020609 ABVF41 RS07005 WP 002262929.1  TKTPEIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALD   234
NTDB id 375 SMU RS06880 WP 002262929.1         TKTPEIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALD   234
NTDB id 414 AAK55818.1 838..2187( )            TQSPELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALD   235
consensus                                      !**!!**!***!***!***!!*!!!!*!!!!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1020609 ABVF41 RS07005 WP 002262929.1  DGALTESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQSTNKVYEIIRDY   314
NTDB id 375 SMU RS06880 WP 002262929.1         DGALTESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQSTNKVYEIIRDY   314
NTDB id 414 AAK55818.1 838..2187( )            EGALCETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE.KEKKYELVRDY   314
consensus                                      *!!!*!*!!!*!!!!!!!!!!!!!!!!!*!!!!*!!*!!!*!!!!!!!!*!!!!!***!!*!!!****!****!*!!**!!!

logo

NTDB id 1020609 ABVF41 RS07005 WP 002262929.1  PDKSVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQ   394
NTDB id 375 SMU RS06880 WP 002262929.1         PDKSVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQ   394
NTDB id 414 AAK55818.1 838..2187( )            PINSIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQ   394
consensus                                      !**!*!*!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!*!**!*!**!*!!!!!!*!!!!!!*!!!!*!!!!!!!!!*!!!!!!

logo

NTDB id 1020609 ABVF41 RS07005 WP 002262929.1  GGTGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
NTDB id 375 SMU RS06880 WP 002262929.1         GGTGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
NTDB id 414 AAK55818.1 838..2187( )            GGTGLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED    449
consensus                                      !!!!!!!*!!!!!*!!!!!!!!!!*!!*!*!!!!!!!!!!**!******!!******
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X non conserved

X similar

X $\geq$ 50% conserved