```
logo

NTDB id 375 SMU RS06880 WP 002262929.1        MTN.....VFESSPLFLRILLAVLIILLFFYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNNV   75
NTDB id 177449 A4H00 RS07250 WP 067088670.1   MINQLRYLITKPEFWFVVILIGFVI.....ALSILLIENHRDNQQIKELNKKVKHLIELDYSDILDLRGSPEITDMANSL   75
NTDB id 414 AAK55818.1 838..2187( )           MLDLLKQTIFTRDFIFILILLGFIL.....VVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNNL   75
consensus                                     !** **  **  ***!**!!*****      ***!**** **!*!*!**! !!* !! **!***!** * ****** !**

logo

NTDB id 375 SMU RS06880 WP 002262929.1        NDLSEVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDLI   154
NTDB id 177449 A4H00 RS07250 WP 067088670.1   NDLSEVIRLTHDHLEQEKTRLASILAYMSDGVMAADRMGRVIMVNETAQKQLGLASKTTEQRDLLDILGLRDQYSFRDLL   155
NTDB id 414 AAK55818.1 838..2187( )           NDLSEVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDLI   155
consensus                                     !!!!!!*!!!***!*!!* !! !!! !!*!!!*!**! !*****!**!*!!!** **  *** *!**! ****!***!!*

logo

NTDB id 375 SMU RS06880 WP 002262929.1        TKTPEIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALD   234
NTDB id 177449 A4H00 RS07250 WP 067088670.1   AQTPEIVIEHDNEEGEFLTLRANFATIRSESGLISGLVVVLHDMTEQAKEERERRLFVSNVSHELRTPLTSVKSYLEALD   235
NTDB id 414 AAK55818.1 838..2187( )           TQSPELLLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEALD   235
consensus                                     ***!!****  ** *!***!!**!!**!*!!!*!!!!**!!!! !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 375 SMU RS06880 WP 002262929.1        DGALTESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQSTNKVYEIIRDY   314
NTDB id 177449 A4H00 RS07250 WP 067088670.1   DGALTESVAPSFVKVSLDETNRMMRMISDLLSLSRIDNQVSLADVELINFTAFVTFILNRFDQMKNK.ETDKEYTIIRDY   314
NTDB id 414 AAK55818.1 838..2187( )           EGALCETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQ.EKEKKYELVRDY   314
consensus                                     *!!!*!*!!!*!*!!!!!!!!!!!!!!**!!!*!!*!!!**!**!!!!*!!!!!***!!*!!!*** * ***! !***!!!

logo

NTDB id 375 SMU RS06880 WP 002262929.1        PDKSVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRAQ   394
NTDB id 177449 A4H00 RS07250 WP 067088670.1   QITPIWIEIDTDKMTQVMDNILNNALKYSPDGGKITFSMKTTDTQLIVSISDEGLGIPKADLPRIFDRFYRVDKARSRAQ   394
NTDB id 414 AAK55818.1 838..2187( )           PINSIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRAQ   394
consensus                                     ** **!*!!!!!!!!!!!*!!!!!!!*!!!!!!!!!*!**!*!!**!*!*!!!! !!!!!! !!!*!!!!!!!!!*!!!!!!

<0

logo

NTDB id 375 SMU RS06880 WP 002262929.1        GGTGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAIDEWEEDEDES   450
NTDB id 177449 A4H00 RS07250 WP 067088670.1   GGTGLGLAIAKEIVKQHKGFIWAKSEYGHGSTFTIVLPYIKEITT.DDWEDAEEEE   449
NTDB id 414 AAK55818.1 838..2187( )           GGTGLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVKEEVWEDEVED*   449
consensus                                     !!!!!!!*!!!!!*!!!!!!!!!!*!!*! !!!!!!!!!!***    **!!*****
```

X non conserved
X similar
X $\geq$ 50% conserved