```
logo
NTDB id 414 AAK55818.1 838..2187( )   MLDLLKQTIFTRD......FIFILILLGFILVVTLLLLENRRDNIQLKQINQKVKDLIAGDYSKVLDMQGGSEITNITNN   74
NTDB id 293531 DLJ52 RS07840 WP 019770277.1   ...MNNNPVVENLN.TFELALLILLALVA.LYFIYQAVREYRNAKTVRAISQKVTSLIAGDYTEDLHLKGDSELIELGTN   75
NTDB id 375 SMU RS06880 WP 002262929.1   ...MT..NVFESSPLFLRILLAVLIILLF.FYFIFLNYREYKNNNQVKQLNAKVRSLITGHYTDKLKVEDNSDLSELVNN   74
consensus                                  *  * ***       * * *!**!** ****** ******* *******!!**!!*!*!** ! * * !***** *!

logo
NTDB id 414 AAK55818.1 838..2187( )   LNDLSEVIRLTQENLEQESKRLNSILFYMTDGVLATNRRGQIIMINDTAKKQLGLVKEDVLNRSILELLKIEENYELRDL   154
NTDB id 293531 DLJ52 RS07840 WP 019770277.1   LNDLSDVLHLTHENLSQERNRLASVLSYMSDGVLATNRVGKITMINDTARKQLNLTREEALEMNIMDLID.SDDYDYRDL   154
NTDB id 375 SMU RS06880 WP 002262929.1   VNDLSEVFRLTHENLAQEKNRLTSILSYMTDGVLATDRSGKITVINDMAQKQLNVTREQALECNILDILD.DDSYTYNDL   153
consensus                                 *!!!!*!**!!*!!! !!**!! !*!*!!*!!!!!!*! !*!**!!!*!*!!!****!**!* *!***** ** !***!!

logo
NTDB id 414 AAK55818.1 838..2187( )   ITQSPELLLDSQDINGEYLNLRVRFALIRRESGFISGLVAVLHDTTEQEKEERERRLFVSNVSHELRTPLTSVKSYLEAL   234
NTDB id 293531 DLJ52 RS07840 WP 019770277.1   ITQTPEVTLYRRNEYDEFITLRVNFALNRRESGFISGLVAVLHDTTEQEKEERERRLFVSTVSHELRTPLTSVKSYLEAL   234
NTDB id 375 SMU RS06880 WP 002262929.1   ITKTPEIVLTRRDEYDEFITLRIRFALNRRESGFISGLIAVLHDATEQEKEERERRLFVSNVSHELRTPLTSVKSYLEAL   233
consensus                                 !!**!!**! ******!***!!**!!!*!!!!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!

logo
NTDB id 414 AAK55818.1 838..2187( )   DEGALCETVAPDFIKVSLDETNRMMRMVTDLLHLSCIDNATSHLDVELINFTAFITFILNRFDKMKGQE.KEKKYELVRD   313
NTDB id 293531 DLJ52 RS07840 WP 019770277.1   NEGALNEDVAPSFIQVSLDETNRMMRMISDLLQLSRIDNDTSHLEVEMTNFTAFITVILNRFDQIKSQQDSDKDYEIVRN   314
NTDB id 375 SMU RS06880 WP 002262929.1   DDGALTESVAPSFIKVSLDETNRMMRMITDLLSLSRIDNQTSHLDVELTNFTAFMNYILDRFDQIQSQQSTNKVYEIIRD   313
consensus                                 **!!! !*!!!*!!*!!!!!!!!!!!!**!!! !!*!!! !!!!*!!**!!!!!***!!*!!!****!* **! !!**!*

logo
NTDB id 414 AAK55818.1 838..2187( )   YPINSIWMEIDTDKMTQVVDNILNNAIKYSPDGGKITVRMKTTEDQMILSISDHGLGIPKQDLPRIFDRFYRVDRARSRA   393
NTDB id 293531 DLJ52 RS07840 WP 019770277.1   YPLNPIWVEIDTDKMTQVLDNILNNAIKYSPDGGEITVSMTTTDTQLIISISDQGLGIPKKDLPMIFDRFYRVDKARSRA   394
NTDB id 375 SMU RS06880 WP 002262929.1   YPDKSVWIEIDTDKMTQVIDNILNNAIKYSPDGGKVTITMQTTDTQLILSISDQGLGIPKKDLPLIFDRFYRVDKARSRA   393
consensus                                 !!****!*!!!!!!!!!!*!!!!!!!!!!!!!!!!!**!**! !!**!*!*!!!!*!!!!!!*!!!!*!!!!!!!!!*!!!!!

   <0
logo
NTDB id 414 AAK55818.1 838..2187( )   QGGTGLGLSIAKEIIKQHKGFIWAKSEYGKGSTFTIVLPYDKDAVK.EEVWEDEVED*.   449
NTDB id 293531 DLJ52 RS07840 WP 019770277.1   QGGTGLGLAIAKEIIKQHHGFIWAKSEYGKGSTFTIVLPYDKEPDDFDDEWEEEESVND   453
NTDB id 375 SMU RS06880 WP 002262929.1   QGGTGLGLAIAKEIVKQHKGFIWANSEEGEGSTFTIVLPYENDNDAI.DEWEEDEDES.   450
consensus                                 !!!!!!!!*!!!!!*!!!*!!!!!*!!*!*!!!!!!!!!*** *  ***!!*****
```

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