```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        MSDL.....SVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPKCRV   75
NTDB id 1061 ABD1 RS18470 WP 001152280.1        MQDIIAYFIQNLTALY.IAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPACQQ   79
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       MQDIIAYFIQNLTALY.IAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPACHQ   79
NTDB id 160910 CPter91 RS22430 WP 061944419.1   MQEG.IFFLAAGSLLPTAIAAIFGLLIGSFLNVVIHRLPIMMQRESDNYVAHE..SGQPLPHTDRYNLVVPRSACPQCKH   77
NTDB id 1170 A1552VC RS11080 WP 000418747.1     ..ME.LF..YFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQT   75
NTDB id 1403 DSB67 RS12675 WP 010643256.1       ..ME.VF..QYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQCGT   75
consensus                                       * *   *     * ** * *** *!**!!!!!!!!*!*!**!* **  **             ****!  ! !*!* !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        PIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLPD   155
NTDB id 1061 ABD1 RS18470 WP 001152280.1        PIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPD   159
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       PIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPD   159
NTDB id 160910 CPter91 RS22430 WP 061944419.1   QIGALENVPVLSYLALRGKCASCKTPISARYPIVEAFTGVLSGLLIWHFGSGWAGMATLVFAYLLIAMTFIDADTQLLPD   157
NTDB id 1170 A1552VC RS11080 WP 000418747.1     PIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPD   155
NTDB id 1403 DSB67 RS12675 WP 010643256.1       QIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPD   155
consensus                                       *!*   !*!**!*!*!!!*!* !* *!* !!!**!**!** * **   ** *   ** ** ***!!**!!!! !!**!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        SMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVS   234
NTDB id 1061 ABD1 RS18470 WP 001152280.1        RFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS   238
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       RFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS   238
NTDB id 160910 CPter91 RS22430 WP 061944419.1   DLTLPLLWLGLLLNISGLF.VPLSDAVIGAAAGYLSLWLIYWAFKLLTGKEGMGYGDFKLLAALGAWLGWKMLPIIILFS   236
NTDB id 1170 A1552VC RS11080 WP 000418747.1     QLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLS   235
NTDB id 1403 DSB67 RS12675 WP 010643256.1       QLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLS   235
consensus                                        *!!!!***!***** *** **** ***!***!** !!******!**!!!*!!!*!!!!!*!!!!!!!*!   !!*****!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        SLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1        SLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       SLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 160910 CPter91 RS22430 WP 061944419.1   SLVGAVVGLVLIIVARRGRDIPIPFGPYLAAAGLLALLYGRTI...TETYFNFVA....   288
NTDB id 1170 A1552VC RS11080 WP 000418747.1     SVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1       SVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
consensus                                       !**! * ******* * *     * !!!*****!*** **** *    *   *
```

X non conserved

X similar

X ≥ 50% conserved