```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     .MSD...LSVLSPFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPKCRV   75
NTDB id 1061 ABD1 RS18470 WP 001152280.1     .MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPACQQ   79
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    .MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPACHQ   79
NTDB id 312966 D1345 RS19060 WP 043591355.1  MIEEWRWIAGSYPLAFAGAALALGLLVGSFLNVIIHRLPKMLEAEWRRNCVDCLQLEE.DETSEPYNLMRPASHCPQCRA   79
NTDB id 1403 DSB67 RS12675 WP 010643256.1    .....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQCGT   75
NTDB id 1170 A1552VC RS11080 WP 000418747.1  .....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQT   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 312966 D1345 RS19060 WP 043591355.1  AVRPWQNIPVLSFVLLRGRCGSCRAKIPWRYPVVELSTGLLFAFLAWRFGWSEQLPAYMGLTAVLLALTFIDADTQLLPD   159
NTDB id 1403 DSB67 RS12675 WP 010643256.1    QIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPD   155
NTDB id 1170 A1552VC RS11080 WP 000418747.1  PIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPD   155
consensus                                    **! **!!!**!***!!!*!* !* *!* !!!**!!*!** * ***  ****   ** * ****!***!!!! !!**!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     SMTLPLIWLGLIFNLDG.GFVPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVS   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 312966 D1345 RS19060 WP 043591355.1  NLTLPLLWGGLLFNLLT.GTVPLADAVIGAMAGYLCLWLLFHGFKLATGKEGMGYGDFKLLAALGAWLGWTLLPLVILLS   238
NTDB id 1403 DSB67 RS12675 WP 010643256.1    QLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLS   235
NTDB id 1170 A1552VC RS11080 WP 000418747.1  QLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLS   235
consensus                                     *!!!!** !*****     **** ***!***!***!!******!**!!!*!!!*!!!!!*!!!!!!!*!   !!******!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     SLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1     SLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    SLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 312966 D1345 RS19060 WP 043591355.1  SLVGAVVGVILILLSKHGRGQPLPFGPYLAAAGWIALIWGQDI...VNWYLHAY.....   289
NTDB id 1403 DSB67 RS12675 WP 010643256.1    SVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  SVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                    !**! * ******* * *     * !!!*****!!** **** *    * ***
```

X non conserved

X similar

X $\geq$ 50% conserved