```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MSDLSV...LSP.FAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLP..............LTDDESRTFN   62
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPII..............DHEKLT   66
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPII..............DHERLT   66
NTDB id 237803 CFF01 RS16875 WP 088905559.1   MTDFIQLMAQYPLLFAAISFVFAATIGSFLNVVIHRLPVMMKREWQQECNQYLDEYHKSTIKGIEKKLAQPIDDYPEKYN   80
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEP...............PKETLT   62
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITP...............PEGKLT   62
consensus                                     * * *  *   *    *   * ** *!!!!!!!!*!*!**!* *!  **   *                        ****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LMKPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLIS  142
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIA  146
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIA  146
NTDB id 237803 CFF01 RS16875 WP 088905559.1   LIVPGSACPKCKTNIKPWHNLPIFGWLMLGGKCANCKTNISARYPIIEAITGLAVAYLAYYFGPSWQFAFATILTFGLIA  160
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LSVPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIA  142
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LSLPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIA  142
consensus                                     !  ! !*!* !  *!* * !*!****!*!*!*!* !* *!* !!!*!!**!** * ***  ** *   * *******!!*

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LTFIDADTQYLPDSMTLPLIWLGLIFNLDG.GFVPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAW  221
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LTFIDFDTQLLPDRFTLPLAALGLGINTFN.IYTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAW  225
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LTFIDFDTQLLPDRFTLPLAALGLGINTFN.IYTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAW  225
NTDB id 237803 CFF01 RS16875 WP 088905559.1   LTGIDLDEMLLPDQITLPLLWLGLLINLD.STFVSLSDAVIGAAAGYMSLWCVFWGFKLLTGKEGMGYGDFKLLAVFGAW  239
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ATFIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAW  222
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ATFIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAW  222
consensus                                     *!*!! !* *!!! *!!!!***!*****    *****  ***!***!** !! *****!**!!!*!!!*!!!!!*!**!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LGISALPVLIFVSSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MGPLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MGPLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 237803 CFF01 RS16875 WP 088905559.1   FGWQLLPLIILLSSVVGALVGLLLIVNKKINSGNPIPFGPYIALAGWIAMIWGEKI...TNWYLSTL.....   303
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LGWQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                     *!    !!*****!!**! * ******  *       * !!!*****!!** **** *    * ****
```

X non conserved

X similar

X $\geq$ 50% conserved