```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     MSDLSV.....LSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLP.LTDDESRTFNLMKPDSCCPKCR    74
NTDB id 1061 ABD1 RS18470 WP 001152280.1     MQDIIAYFIQNLTAL.YIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPI.IDHERLTLNKPASSCPACQ    78
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    MQDIIAYFIQNLTAL.YIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPI.IDHEKLTLSKPASSCPACH    78
NTDB id 418992 GWG10 RS02245 WP 103261555.1 MVPLIELA.QGLPWLYLSLIFLFSLMVGSFLNVVIHRLPIMMERAWHAEYSDYFGDGEATPPATGRYNLMVPRSRCPHCD    79
NTDB id 1170 A1552VC RS11080 WP 000418747.1 ....MELF.YFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPP.EGKLTLSLPRSTCPHCQ    74
NTDB id 1403 DSB67 RS12675 WP 010643256.1   ....MEVF.QYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPP.KETLTLSVPRSSCQQCG    74
consensus                                   *  **  * * *  *  *   *  !**!!!!!!!!*!*!**!! *!  **                ***!  ! !*!* !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     VPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLP   154
NTDB id 1061 ABD1 RS18470 WP 001152280.1     QPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLP   158
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    QPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLP   158
NTDB id 418992 GWG10 RS02245 WP 103261555.1 HPIGALENIPLLSWLWLRGRCRNCHAPISARYPLVELLTALLSVSVAAALAPGWGTLAALLLTWTLVALTFIDLDKMLLP   159
NTDB id 1170 A1552VC RS11080 WP 000418747.1 TPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLP   154
NTDB id 1403 DSB67 RS12675 WP 010643256.1   TQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLP   154
consensus                                    *!*   !!!**!*!*!!!*!  !* *!* !!!**!!!!** ***** ** *   *********!***!!!! !* *!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     DSMTLPLIWLGLIFNLDGG.FVPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFV   233
NTDB id 1061 ABD1 RS18470 WP 001152280.1     DRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLL   237
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    DRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLL   237
NTDB id 418992 GWG10 RS02245 WP 103261555.1 DQLTLPLLWGGLLFNLAGG.FVPLADGVVGAMAGYLVLWSLYWAFKLLTGKEGMGYGDFKLLAALGAWLGWQALPIVLLL   238
NTDB id 1170 A1552VC RS11080 WP 000418747.1 DQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLL   234
NTDB id 1403 DSB67 RS12675 WP 010643256.1   DQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILL   234
consensus                                   ! *!!!!** !***** *  ***** ***!***!** !! *****!**!!!*!!!*!!!!!*!!!!!!!*!   !!*****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     SSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1     SSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    SSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 418992 GWG10 RS02245 WP 103261555.1 SSLAGAIIGIGLILLRNHHQGKPIPFGPYLAIAGWITLLWGDSI...TRWYLDVVL....   291
NTDB id 1170 A1552VC RS11080 WP 000418747.1 SSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1   SSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
consensus                                   !!**! * *******        * !!!*****!!*  **** *   * ***   *
```

X non conserved

X similar

X ≥ 50% conserved