```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MS...DLSVLSPFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDD.ESRTFNLMKPDSCCPKCRV    75
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFP.EYKIEPPKETLTLSVPRSSCQQCGT    75
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFP.EYGITPPEGKLTLSLPRSTCPHCQT    75
NTDB id 44711 MARHY RS12235 WP 014422083.1    ML.PLETILSTPWLLYLVVIFVSLCVGSFLNVVILRLPKMMKQEWRCQCEEFLEVPEGDRKSDERITLSKPASTCPSCGH    79
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLN.PEQPIIDHERLTLNKPASSCPACQQ    79
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLN.PEQPIIDHEKLTLSKPASSCPACHQ    79
consensus                                     *   ** **  **   *   ** ! *!!!!!!!!*!*!**!* *!  **   *  *       ****!**! !*!* !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      PIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLPD   155
NTDB id 1403 DSB67 RS12675 WP 010643256.1     QIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPD   155
NTDB id 1170 A1552VC RS11080 WP 000418747.1   PIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPD   155
NTDB id 44711 MARHY RS12235 WP 014422083.1    KIRAWENIPVISWLMLGGKCSSCKTRISPRYPIIEALTAVFSVVTVYLLGPSESALWALLMVWALVALTMIDFDTQLLPD   159
NTDB id 1061 ABD1 RS18470 WP 001152280.1      PIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPD   159
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     PIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPD   159
consensus                                     *!! * !!!**!*!*!*!*!  !* *!* !!!*!!*!!** ****   ** *   * *******!***!*!!*!!**!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      SMTLPLIWLGLIFNLDGGFV.PLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVS   234
NTDB id 1403 DSB67 RS12675 WP 010643256.1     QLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLS   235
NTDB id 1170 A1552VC RS11080 WP 000418747.1   QLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLS   235
NTDB id 44711 MARHY RS12235 WP 014422083.1    GITLPLMWLGLVLNSFGVVT.DFGSAFWGAVAGYLSLWSVYWLFKLATGKEGMGHGDFKLLAALGAWLGWQLLPAVILLS   238
NTDB id 1061 ABD1 RS18470 WP 001152280.1      RFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS   238
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     RFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS   238
consensus                                      *!!!!***!****  **   * **** !***!** !! *****!**!!!*!!!*!!!!!*!!!!!!!*!   !!*****!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      SLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1     SVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1   SVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 44711 MARHY RS12235 WP 014422083.1    SLVGAIVGISLMVFRKHGREVPIPFGPYLAAAGLLSLWFGPEI...QAIWFGYLGV...   291
NTDB id 1061 ABD1 RS18470 WP 001152280.1      SLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     SLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
consensus                                     !**! * ******    *    * !!!*****!**  **** *   *  *
```

X non conserved

X similar

X $\geq$ 50% conserved