```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MSDLSV.....LSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPL.TDDESRTFNLMKPDSCCPKCR   74
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTAL.YIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIID.HERLTLNKPASSCPACQ   78
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTAL.YIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIID.HEKLTLSKPASSCPACH   78
NTDB id 103009 AACH36 RS18660 WP 338611358.1 MTLLIELA.HGLPWLYLSLVFLFSLMIGSFLNVVIHRLPIMLEREWQAEYHGYFETQTPNSDPAERYNLMVPRSACPHCG   79
NTDB id 1170 A1552VC RS11080 WP 000418747.1  ....MELF.YFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYG.ITPPEGKLTLSLPRSTCPHCQ   74
NTDB id 1403 DSB67 RS12675 WP 010643256.1    ....MEVF.QYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYK.IEPPKETLTLSVPRSSCQQCG   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 103009 AACH36 RS18660 WP 338611358.1 HAITAVENIPLLSWLWLRGRCRECQAPISTRYPLVELLTALLSVAVATILTPGWGVLAALLLTWVLVTLTFIDLDKMLLP   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 103009 AACH36 RS18660 WP 338611358.1 DQLTLPLLWGGLLLNLAGG.FVPLADAVIGAMAGYLVLWSLYWAFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPIILLL   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 103009 AACH36 RS18660 WP 338611358.1 SSLVGAIIGITLIALRKHHQGKPIPFGPYLAIAGWIALLWGDTI...TRWYLEMVL....   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