```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        MSDLSV....LSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPKCRVP   76
NTDB id 196786 QMA0440 RS14150 WP 038244550.1  MMDALYMAQMIAPLWWGGLAVLGLCVGSFLNVAIYRLPLMLTRENP................HGFNLCLPHSHCPQCKHS   64
NTDB id 1061 ABD1 RS18470 WP 001152280.1        MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPACQQP   80
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPACHQP   80
NTDB id 1170 A1552VC RS11080 WP 000418747.1     .MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQTP   76
NTDB id 1403 DSB67 RS12675 WP 010643256.1       .MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQCGTQ   76
consensus                                       * **  **        *  ****! *!!!!!!*!!!*!**** **  **                **!  ! !*!* !  *

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        IRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLPDS  156
NTDB id 196786 QMA0440 RS14150 WP 038244550.1  LKWRDNIPVFSWLFLQGQCRYCRASIPVRYPLVEIMTMLMTLFIAAVIPLGSPLLAALLLSWMLIALTMIDIDHLLLPDN  144
NTDB id 1061 ABD1 RS18470 WP 001152280.1        IRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPDR  160
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       IRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPDR  160
NTDB id 1170 A1552VC RS11080 WP 000418747.1     IRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPDQ  156
NTDB id 1403 DSB67 RS12675 WP 010643256.1       IRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPDQ  156
consensus                                       **   !!!**!*!*!*!*!  !* *!**!!!**!**! * *****  ** *   ************!!**!*!! !* *!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        MTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVSS  235
NTDB id 196786 QMA0440 RS14150 WP 038244550.1  LTLPLLWMGLLFHLFDSR.LALSEAVIGAVAGYLILWCLYWSFWLLTKREALGYGDFKLLAALGAWLGWMALPSLLLIAS  223
NTDB id 1061 ABD1 RS18470 WP 001152280.1        FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS  239
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS  239
NTDB id 1170 A1552VC RS11080 WP 000418747.1     LTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLSS  236
NTDB id 1403 DSB67 RS12675 WP 010643256.1       LTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLSS  236
consensus                                       *!!!!***!*** *     ****  ***!***!** !! ********!*****!*!!!!!*!!!!!!*!   !!******!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        LIGLVAAIVMRVAK....GRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 196786 QMA0440 RS14150 WP 038244550.1  LCGMSFALAARLLRGRPLNTALPFGPFLAFGGWILFLQYYR.................   264
NTDB id 1061 ABD1 RS18470 WP 001152280.1        LLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       LLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1170 A1552VC RS11080 WP 000418747.1     VVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1       VVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
consensus                                       **!** *** ****        * !!!*****!!* ***** *    *  *
```

X non conserved

X similar

X $\geq$ 50% conserved