```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     ........MSDLSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTD........DESRTFNLM   64
NTDB id 1403 DSB67 RS12675 WP 010643256.1    ........MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIE........PPKETLTLS   64
NTDB id 1170 A1552VC RS11080 WP 000418747.1  ........MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGIT........PPEGKLTLS   64
NTDB id 218278 B1F84 RS13390 WP 131691710.1 MQSFFIDIISAMQAHLWFYLTTVGLVSLSVGSFLNVVIYRLPLMMQKEWQTECRLLLADELTSPKAKHAPARTNDTFNLV   80
NTDB id 1061 ABD1 RS18470 WP 001152280.1    ....MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQ........PIIDHERLTLN   68
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    ....MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQ........PIIDHEKLTLS   68
consensus                                          *  *        *  *** ! *!!!!!!!!!!*!**!* *!  **   *                 * **!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     KPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLT  144
NTDB id 1403 DSB67 RS12675 WP 010643256.1    VPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAAT  144
NTDB id 1170 A1552VC RS11080 WP 000418747.1  LPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAAT  144
NTDB id 218278 B1F84 RS13390 WP 131691710.1 KPNSCCPKCKAAIKPWQNIPIISWLLLKGKCATCNNPISIRYPSVEAITAILSLVVAYCFGVTEQALLYIVVTWVLVALT  160
NTDB id 1061 ABD1 RS18470 WP 001152280.1    KPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALT  148
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    KPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALT  148
consensus                                    *! !*!* !  *!* **!!!**!*!*!*!* !* *!**!!! *!**!** *****  ** *   *  ******!***!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     FIDADTQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLG  223
NTDB id 1403 DSB67 RS12675 WP 010643256.1    FIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLG  224
NTDB id 1170 A1552VC RS11080 WP 000418747.1  FIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLG  224
NTDB id 218278 B1F84 RS13390 WP 131691710.1 FIDIDHMLLPDQLTLPLLWLALIASVMGYT.IAPSDAIIGAACGYLSLWSVFWLFKLITGKEGMGYGDFKLLAVFGALLG  239
NTDB id 1061 ABD1 RS18470 WP 001152280.1    FIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMG  227
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    FIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMG  227
consensus                                    !!! !* *!!! *!!!!******* * *   ** * ***!** !** !! *****!**!!!*!!!*!!!!!*!**!!**!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     ISALPVLIFVSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1    WQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  WQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 218278 B1F84 RS13390 WP 131691710.1 WQSLLTIILLSSVVGAVIGIALLSIQGKDKATPIPFGPYLAIAGWITMLWGSQL...QNSYFNFIGY...   303
NTDB id 1061 ABD1 RS18470 WP 001152280.1    PLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    PLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
consensus                                       !******!!**! * *******         * !!!*****!!*  ******   *  *
```

X non conserved

X similar

X ≥ 50% conserved