```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MSD....LSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLT...DDESRTFNLMKPDSCCPKC    73
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEY.GITP..PEGKLTLSLPRSTCPHC    73
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEY.KIEP..PKETLTLSVPRSSCQQC    73
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQSIIEVMQSQLWFYLTTIGLVSLCVGSFLNVLIYRLPLMMQKEWQSECRILLEGDLKNSAPLNATPFNLVKPNSTCPHC    80
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQ...PIIDHEKLTLSKPASSCPAC    77
consensus                                     *   *  *        *  *** ! *!!!!!!*!!!*!**!* *!  **   *       *      **! *! !*!* !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      RVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYL   153
NTDB id 1170 A1552VC RS11080 WP 000418747.1   QTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLL   153
NTDB id 1403 DSB67 RS12675 WP 010643256.1     GTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLL   153
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     KTAIKPWQNIPIISWLALKGKCASCQNTIAARYPLVEAITALLSLAVAYTVGANEQALLYILITWALVALTFIDIDHMLL   160
NTDB id 1061 ABD1 RS18470 WP 001152280.1      HQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLL   157
consensus                                     QQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLL   157
                                                *!* **!!!**!*!*!*!*!* !* *!* !!!**!**!** *****  ** *   *  ******!***!!!! !* *!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      PDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIF   232
NTDB id 1170 A1552VC RS11080 WP 000418747.1   PDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVL   233
NTDB id 1403 DSB67 RS12675 WP 010643256.1     PDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIIL   233
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     PDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVL   236
NTDB id 1061 ABD1 RS18470 WP 001152280.1      PDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVL   236
consensus                                     !! *!!!!******* * *   ** * ***!** !** !! *****!**!!!*!!!*!!!!!*!**!!**!   !*****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      VSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
consensus                                     *!!**! * *******         * !!!*****!!** ******   *  **
```

X non conserved

X similar

X $\geq$ 50% conserved