```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MSD...LSVLSPF.AVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLN.......LPLTDDESRTFNLMKPDSC    69
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQP.......IIDHERLTLNKPASS    73
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQP.......IIDHEKLTLSKPASS    73
NTDB id 205148 BM526 RS13695 WP 071969411.1  MDAIITLSQLYPAIFYTLIFLVSLMVGSFLNVVIYRLPIMMERSWQQEYQSYFTDGDTSLDTPNAPSQDDAFNLVKPDST    80
NTDB id 1403 DSB67 RS12675 WP 010643256.1    ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKI.......EPPKETLTLSVPRSS    69
NTDB id 1170 A1552VC RS11080 WP 000418747.1  ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGI.......TPPEGKLTLSLPRST    69
consensus                                    *   * **   *    *   ** !**!!!!!!!!!!*!**!! *!  **                 * **! *! !*

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      CPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDAD   149
NTDB id 1061 ABD1 RS18470 WP 001152280.1      CPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFD   153
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     CPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFD   153
NTDB id 205148 BM526 RS13695 WP 071969411.1  CPRCGHKIRAWENIPVISYLFLRGKCAKCKVGISVRYPMVELFTAIACTFAAYQFGATPQALWAVVFTYVLVALLFIDLD   160
NTDB id 1403 DSB67 RS12675 WP 010643256.1    CQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLD   149
NTDB id 1170 A1552VC RS11080 WP 000418747.1  CPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFD   149
consensus                                    !* !  *!! * !!!**!*!*!!!*!* !* *!**!!!**!!*!** * ***  ** *   * *** ***!****!!! !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      TQYLPDSMTLPLIWLGLIFNLDGG.FVPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALP   228
NTDB id 1061 ABD1 RS18470 WP 001152280.1      TQLLPDRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLP   232
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     TQLLPDRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLP   232
NTDB id 205148 BM526 RS13695 WP 071969411.1  TMLLPDQLTLPLLWLGLLLSTQNI.FVGTTDAIIGAAAGYLSLWSVYWLFKLVTGKEGMGYGDFKLLAALGAFTGWQGLP   239
NTDB id 1403 DSB67 RS12675 WP 010643256.1    TMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLP   229
NTDB id 1170 A1552VC RS11080 WP 000418747.1  TLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLP   229
consensus                                    ! *!!! *!!!!***!***    * *** * ***!***!** !! *****!**!!!*!!!*!!!!!*!!!!!**!   !!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      VLIFVSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 205148 BM526 RS13695 WP 071969411.1  VIILLSSLVGAIAGIAIMVVQNKGKSLAIPFGPYLAVAGWLTLLFKAEI...ITTYLDYVL....   297
NTDB id 1403 DSB67 RS12675 WP 010643256.1    MIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  VIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                    *****!!**! * ******    *     * !!!*****!!*  **** *   *  **   *
```

X non conserved

X similar

X $\geq$ 50% conserved