```
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 205095 BM524 RS13480 WP 071959751.1   MDAIITLSQLYPAIFYTLIFLVSLMVGSFLNVVIYRLPIMMERSWQQEYQSYFTDSDTSLDTPNAPSQDDTFNLVKPDST   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 205095 BM524 RS13480 WP 071959751.1   CPRCGHKIRAWENIPIISYLFLRGKCAKCKVGISVRYPLVELFTAIACTFAAYQFGATPQALWAVVFTYVLVALLFIDLD  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 205095 BM524 RS13480 WP 071959751.1   KMLLPDQLTLPLLWLGLLLSTQNI.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 205095 BM524 RS13480 WP 071959751.1   VIILLSSLVGGIAGIAIMVVQNKGKSLAIPFGPYLAVAGWLTLLFKAEI...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