```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      ............MSDLSVLSPF.AVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPD   67
NTDB id 1061 ABD1 RS18470 WP 001152280.1      .........MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPA   71
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     .........MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPA   71
NTDB id 202500 BKK79 RS13545 WP 071037872.1  MVSAFSPQGAFTIATLAALPGWFLMLAAGLLGLAVGSFLNVVIHRLPRMMEHDEANYIAELRGE..PLPHPSRYNLAVPG   78
NTDB id 1403 DSB67 RS12675 WP 010643256.1    ............MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPR   67
NTDB id 1170 A1552VC RS11080 WP 000418747.1  ............MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPR   67
consensus                                                ** **    *   * *****! *!!!!!!!!*!*!**!! **  **              ***!  !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      SCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFID  147
NTDB id 1061 ABD1 RS18470 WP 001152280.1      SSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFID  151
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     SSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFID  151
NTDB id 202500 BKK79 RS13545 WP 071037872.1  SACPHCGHTLAPWENIPVLSYLLLRGRCSACHAPIGARYPLVELASGVLSVLAAWHFGPTWQGLAALVLVWMLLALTMID  158
NTDB id 1403 DSB67 RS12675 WP 010643256.1    SSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFID  147
NTDB id 1170 A1552VC RS11080 WP 000418747.1  STCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFID  147
consensus                                    !*!* !  *** * !!!**!*!*!!!*!  !* *!* !!!**!!**** *****  ** *   *********!***!*!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      ADTQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISA  226
NTDB id 1061 ABD1 RS18470 WP 001152280.1      FDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLM  230
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     FDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLM  230
NTDB id 202500 BKK79 RS13545 WP 071037872.1  ADTQLLPDQLTQPLLWLGLLLNLAGVF.ASLADAVIGAAAGYLLLWSVYWLFKLVRGKEGMGYGDFKLMAALGAWFGWQA  237
NTDB id 1403 DSB67 RS12675 WP 010643256.1    LDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQS  227
NTDB id 1170 A1552VC RS11080 WP 000418747.1  FDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQ  227
consensus                                     !!**!!!  *!*!!***!*****  ***   *** ***!***!** !!  *****!***!!*!!!*!!!!!*!!!!!!*!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      LPVLIFVSSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 202500 BKK79 RS13545 WP 071037872.1  LPALVLLSSVVGLLFGLVRIALRRQHRDTPFPFGPFIAGAGLLVLFLGAGA...LPLA....LGVPG   297
NTDB id 1403 DSB67 RS12675 WP 010643256.1    LPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  LPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                    !!*****!!**!** *** *** *       ! !!!*****!**  **** *   *  *    *
```

X non conserved

X similar

X ≥ 50% conserved