```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        .MSDLSVLS......PFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPK   72
NTDB id 1011360 ABRT03 RS22865 WP 049094324.1   .MENIALLPEFAAQFPLIWGGFLFLSGLAFGSFFNVVIHRLPLMMEYA..................EGVNLCLPASFCPQ   61
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       MQDII....AYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPA   76
NTDB id 1061 ABD1 RS18470 WP 001152280.1        MQDII....AYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPA   76
NTDB id 1170 A1552VC RS11080 WP 000418747.1     .MELF....YFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPH   72
NTDB id 1403 DSB67 RS12675 WP 010643256.1       .MEVF....QYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQ   72
consensus                                        ****     **   *    *   * *! *!!!*!!!!*!*!**!! **  **             * **!  ! !*!*

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        CRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQY  152
NTDB id 1011360 ABRT03 RS22865 WP 049094324.1   CRQPIAWRDNIPLLSFLWLKGRSRCCGRPISRRYPLMELATGALFMLVGYLIPPGMPLLGGLILLSLLLILAAIDAQTQL  141
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       CHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQL  156
NTDB id 1061 ABD1 RS18470 WP 001152280.1        CQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQL  156
NTDB id 1170 A1552VC RS11080 WP 000418747.1     CQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLL  152
NTDB id 1403 DSB67 RS12675 WP 010643256.1       CGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTML  152
consensus                                       !  *!*   !!!**!*!*!*!**  !* *!* !!!**!!*!** ***** ** **  *********!*****!! *!**

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        LPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLI  231
NTDB id 1011360 ABRT03 RS22865 WP 049094324.1   LPDRLTLPLLWAGLLFNLTDLF.APLAEAVVGAMAGYLSLWSVYWVFRLLTGKEALGYGDFKLLAALGAWLGWQALPHTL  220
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       LPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIV  235
NTDB id 1061 ABD1 RS18470 WP 001152280.1        LPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGRLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIV  235
NTDB id 1170 A1552VC RS11080 WP 000418747.1     LPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIV  232
NTDB id 1403 DSB67 RS12675 WP 010643256.1       LPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMII  232
consensus                                       !!! *!!!!** !***** **  *** ***!***!** !! ********!!!***!*!!!!!*!!!!!!*!   !!***

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        FVSSLIGLVAAIVMRVA....KGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1011360 ABRT03 RS22865 WP 049094324.1   LLASASGLIWTLLQRLVTRRSLEQPLAFGPWLALAGGGIFLWGQV..................   265
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       LLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1        LLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1170 A1552VC RS11080 WP 000418747.1     LLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1       LLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
consensus                                       ***!**!** *** ***         **!!!*****!** ***** *    *  *
```

X non conserved

X similar

X ≥ 50% conserved