```
logo
NTDB id 1061 ABD1 RS18470 WP 001152280.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPI....IDHERLTLNKPASSCPA   76
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPI....IDHEKLTLSKPASSCPA   76
NTDB id 1403 DSB67 RS12675 WP 010643256.1    .MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIE....PPKETLTLSVPRSSCQQ   72
NTDB id 1170 A1552VC RS11080 WP 000418747.1  .MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGIT....PPEGKLTLSLPRSTCPH   72
NTDB id 289801 BTJ40 RS16845 WP 108734181.1  MLEVLSTY...PALLIGSAFILGLLIGSFLNVVILRLPVMMEREYKRDFYSYFGTEPSAEEQKELEKPFNLILPHSHCPK   77
NTDB id 1111 NGFG RS09220 WP 003689814.1     .MSDLSVL...SPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEH....LNLPLTDDESRTFNLMKPDSCCPK   72
consensus                                     **** **         * * ***!**!!!!!!!!*!*!**!! **  **                    **!  ! !*!*

logo
NTDB id 1061 ABD1 RS18470 WP 001152280.1     CQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQL  156
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    CHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQL  156
NTDB id 1403 DSB67 RS12675 WP 010643256.1    CGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTML  152
NTDB id 1170 A1552VC RS11080 WP 000418747.1  CQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLL  152
NTDB id 289801 BTJ40 RS16845 WP 108734181.1  CQVEIKAWQNIPIISYLLLRGKCGSCGTPISKRYPMVELVTGILTIAIVVWQLGFTWQALAGCFFTWALVALTGIDFDKQL  157
NTDB id 1111 NGFG RS09220 WP 003689814.1     CRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILIAFLISLTFIDADTQY  152
consensus                                    !  *!* **!!!**!*!*!!!*!* !* *!* !!!**!!*!** * **   ****   ****  ***!***!*!!*!***

logo
NTDB id 1061 ABD1 RS18470 WP 001152280.1     LPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIV  235
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    LPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIV  235
NTDB id 1403 DSB67 RS12675 WP 010643256.1    LPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMII  232
NTDB id 1170 A1552VC RS11080 WP 000418747.1  LPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIV  232
NTDB id 289801 BTJ40 RS16845 WP 108734181.1  LPDSITLPLLWAGLLINIWGVF.TSLQDAVIGAIAGYLSLWLVFHIFKIVTGKEGMGAGDFKILAAIGAWFGWQMLPLVI  236
NTDB id 1111 NGFG RS09220 WP 003689814.1     LPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLI  231
consensus                                    !!! *!!!!** !***** ***   *** ***!***!** !!******!**!!!*!!!*!!!!**!!*!!!*!    !!***

logo
NTDB id 1061 ABD1 RS18470 WP 001152280.1     LLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    LLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1    LLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  LLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 289801 BTJ40 RS16845 WP 108734181.1  LLSAAVGAVAGISWSIAVGRDRNLPIAFGPYLAGAGWIAMLWGDQI...MGWYFNISGLTS.   294
NTDB id 1111 NGFG RS09220 WP 003689814.1     FVSSLIGLVAAIVMRVAKGR....HFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
consensus                                    **!***! * *** **          **!!!*****!!** ******   * **
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X non conserved

X similar

X $\geq$ 50% conserved