```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        ...MSDL...SVLSP.FAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPKC   73
NTDB id 1033433 AB8806 RS02210 WP 078222781.1  MSGMFVIPTLAQLPAWFVIGSAALLGLLIGSFLNVVIHRLPRMIEREEANYIAELR..DEPLPHPEPYNLVIPRSACPSC   78
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       ...MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPAC   77
NTDB id 1061 ABD1 RS18470 WP 001152280.1        ...MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPAC   77
NTDB id 1403 DSB67 RS12675 WP 010643256.1       ....MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQC   73
NTDB id 1170 A1552VC RS11080 WP 000418747.1     ....MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHC   73
consensus                                          * **  **        * *****!**!!!!!!!!*!*!***! **  **              * **!  ! !*!* !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        RVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYL  153
NTDB id 1033433 AB8806 RS02210 WP 078222781.1  GHQIKAVENIPVISWLALRGRCSACKAPISWRYPAVELVTGVLTGACLWHFGPTWVAVASAALLWFLIAGSMIDADTQLL  158
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       HQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLL  157
NTDB id 1061 ABD1 RS18470 WP 001152280.1        QQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLL  157
NTDB id 1403 DSB67 RS12675 WP 010643256.1       GTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLL  153
NTDB id 1170 A1552VC RS11080 WP 000418747.1     QTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLL  153
consensus                                         *!*   !!!**!*!*!!!*!  !* *!* !!! *!!*!** * **   ** *   ** * ****!!* **!! !!**!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        PDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIF  232
NTDB id 1033433 AB8806 RS02210 WP 078222781.1  PDAITQPLLWLGLLVNLFDMF.ARLPDAVIGAMAGYLFLWTIYWAYKLLRGREGMGYGDFKLMAALGAWFGWQALPLLVL  237
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       PDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVL  236
NTDB id 1061 ABD1 RS18470 WP 001152280.1        PDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVL  236
NTDB id 1403 DSB67 RS12675 WP 010643256.1       PDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIIL  233
NTDB id 1170 A1552VC RS11080 WP 000418747.1     PDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVL  233
consensus                                       !! *!*!!***!*****  **  *** ***!***!** !! *****!***!**!!!*!!!!!*!!!!!!*!   !!****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        VSSLIGLVAAIVMRV....AKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1033433 AB8806 RS02210 WP 078222781.1  LSSVVGLVFGAVRIARGA.KSESPFSFGPFIAGAGVIALLAGPQL...VALTGLAPLLAR.   293
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       LSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1        LSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1       LSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1     LSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                       *!!**!** *** **          ! !!!*****!*** ******    *  *     *
```

X non conserved

X similar

X ≥ 50% conserved