```
logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MS...DLSVLSPFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTD...DESRTFNLMKPDSCCPKC    73
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPI...IDHERLTLNKPASSCPAC    77
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPI...IDHEKLTLSKPASSCPAC    77
NTDB id 141689 PSPO RS10605 WP 010561747.1    MNYIVEAFTLAPWLYCVTVFLVSICIGSFLNVVIYRLPKMMENEWKAECSLLLADNLKTPYEASTKAFNLITPSSTCPHC    80
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITP...PEGKLTLSLPRSTCPHC    73
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEP...PKETLTLSVPRSSCQQC    73
consensus                                     *   ** *   **   *   ** * *!!!!!!!!!!*!**!! *!  **   *            **!  ! *!* !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      RVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYL   153
NTDB id 1061 ABD1 RS18470 WP 001152280.1      QQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLL   157
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     HQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLL   157
NTDB id 141689 PSPO RS10605 WP 010561747.1    NTQIKPWFNLPVFGWLFLRGKAACCGNKISVRYPSIELLTGLSGLVIAYYFGITEQAALYLILTYALISLIFIDIDHMLL   160
NTDB id 1170 A1552VC RS11080 WP 000418747.1   QTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLL   153
NTDB id 1403 DSB67 RS12675 WP 010643256.1     GTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLL   153
consensus                                       *!* * !*!****!*!!!*** !* *!**!!! !!!!!** *****  ** *   *  ******!!***!!! !* *!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      PDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIF   232
NTDB id 1061 ABD1 RS18470 WP 001152280.1      PDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVL   236
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     PDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVL   236
NTDB id 141689 PSPO RS10605 WP 010561747.1    PDQLTLPLLWLVLIASVMGLT.IEPSQAIIGAAAGYLVFWSVYWVFKLLTGKEGMGYGDFKLMAVFGALLGWQYLPMIVL   239
NTDB id 1170 A1552VC RS11080 WP 000418747.1   PDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVL   233
NTDB id 1403 DSB67 RS12675 WP 010643256.1     PDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIIL   233
consensus                                     !! *!!!!******* * **  ** * ***!***!** *! *****!**!!!*!!!*!!!!!*!**!!**!   !!****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      VSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRA.VNWWLTHPVR   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      LSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQIMKIYLGG.......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQIMKIYLGG.......   286
NTDB id 141689 PSPO RS10605 WP 010561747.1    MSSLVGAVIGVTLLSIQGKDKATPIPFGPYIAIAGWISLIWGEQIQTAYFNFLTL....   294
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKVIDWYFTTWVGQPL.   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQILNWYFTSILGV...   289
consensus                                     *!!**! * ******         * !!!*****!!*  *******  *
```

X non conserved

X similar

X ≥ 50% conserved