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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        ........MSDLSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLT................DDE    57
NTDB id 1061 ABD1 RS18470 WP 001152280.1        MQDIIAYFIQNL....TALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIID...............    61
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       MQDIIAYFIQNL....TALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIID...............    61
NTDB id 1061206 ACGEDC RS10625 WP 394498122.1   MNEFLMTFVESMTQSPWLFMSISFIFAATIGSFLNVVIHRFPVMMKREWQSECNFYLSEYHPDIVKEVGEKRLNKPIDKY    80
NTDB id 1403 DSB67 RS12675 WP 010643256.1       ........MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPP...............    57
NTDB id 1170 A1552VC RS11080 WP 000418747.1     ........MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPP...............    57
consensus                                                *  *         *    * ** *!!!!!!!!*! !**!* *!   **    *

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        SRTFNLMKPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILT   137
NTDB id 1061 ABD1 RS18470 WP 001152280.1        HERLTLNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLT   141
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       HEKLTLSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLT   141
NTDB id 1061206 ACGEDC RS10625 WP 394498122.1   PLKYNLVVPGSACPKCKSNIKPWHNLPILGWILLKGKCANCKAAISARYPLFELITGILVAVLAWHFGPTWQFLFASILT   160
NTDB id 1403 DSB67 RS12675 WP 010643256.1       KETLTLSVPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFT   137
NTDB id 1170 A1552VC RS11080 WP 000418747.1     EGKLTLSLPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFS   137
consensus                                         ***!  ! !*!* !  *!* * !*!******!*!*!* !* *!* !!!**!!*!** * ***  ** *   * *****

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        AFLISLTFIDADTQYLPDSMTLPLIWLGLIFNLDGGFV.PLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIA   216
NTDB id 1061 ABD1 RS18470 WP 001152280.1        WVLIALTFIDFDTQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLA   220
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       WVLIALTFIDFDTQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLA   220
NTDB id 1061206 ACGEDC RS10625 WP 394498122.1   FILIALTGIDLDEMLLPDQLTLPLLWLGLLINLKGIYA.SPTDAIVGAAAGYLSLWSVFWLFKLVTGKEGMGYGDFKLLA   239
NTDB id 1403 DSB67 RS12675 WP 010643256.1       FVLIAATFIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLA   217
NTDB id 1170 A1552VC RS11080 WP 000418747.1     YVLIAATFIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLA   217
consensus                                       **!!**!*!! !* *!!! *!!!!***!***** ***  * * ***!***!** !! *****!**!!!*!!!*!!!!!*!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        ALGAWLGISALPVLIFVSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1        ALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       ALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061206 ACGEDC RS10625 WP 394498122.1   VFGAWLGWQFLPLIILLSSLVGAIVGITMMLLKNLSRDNPIPFGPYIAVAGWIALVWGQDI...INWYLGTLY....   309
NTDB id 1403 DSB67 RS12675 WP 010643256.1       ALGAWLGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1     ALGAWLGWQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                       **!!!*!   !!*****!!**! * *******        * !!!*****!!** **** *   * ***
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X non conserved

X similar

X $\geq$ 50% conserved