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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      ........MSDLSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDD................E    57
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNL...TALY.IAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIID................    61
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNL...TALY.IAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIID................    61
NTDB id 361009 FCN25 RS11005 WP 137224696.1   MTEFISTFVTTMHQYHWVFIAISFIFAATIGSFLNVVIHRLPVMMKREWQSECNFYLNEYHPDIVKQVGNERLNKPIDQF    80
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ........MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPP................    57
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ........MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPP................    57
consensus                                        *  *     ** *   * ** *!!!!!!!!*!*!**!* *!  **   **

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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 361009 FCN25 RS11005 WP 137224696.1   PVKYNIVVPGSACPKCKANIKPWHNLPILGWIMLKGKCADCKTSISSRYPIVELLTGALIATLAFYFGPTWQFVYASILT   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 361009 FCN25 RS11005 WP 137224696.1   FVLVALTGIDLDEMLLPDQLTLPLLWLGLIINLKGIYA.SPEDAIIGAAAGYLSLWSVFWLFKLVTGKEGMGYGDFKLLA   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      ALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     ALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 361009 FCN25 RS11005 WP 137224696.1   VFGAWLGWQMLPLIILLSSLVGAVVGITMIIAKKLNKGNPIPFGPYIAAAGWIALVWGQDI...LNWYLSTL.....   308
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ALGAWLGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWCHQI...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