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NTDB id 1111 NGFG RS09220 WP 003689814.1   ...MSDLSVLSPFA.VPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTD.DESRTFNLMKPDSCCPKCRV   75
NTDB id 1403 DSB67 RS12675 WP 010643256.1  ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPE.YKIEPPKETLTLSVPRSSCQQCGT   75
NTDB id 1170 A1552VC RS11080 WP 000418747.1 ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMERFWRAECAASFPE.YGITPPEGKLTLSLPRSTCPHCQT   75
NTDB id 103473 QUE75 RS13440 WP 286250901.1 .MPSLDPFLSTPWLLYLTVTLFSLCIGSFLNVVILRLPKMMQQEWRCQCEEFLEVPEKQRKQETPLSLSKPASTCPSCGH   79
NTDB id 1061 ABD1 RS18470 WP 001152280.1   MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLN.PEQPIIDHERLTLNKPASSCPACQQ   79
NTDB id 1080 FDQ49 RS18305 WP 022575844.1  MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLN.PEQPIIDHEKLTLSKPASSCPACHQ   79
consensus                                    ** **  **   *   *  ! *!!!!!!!!*!*!**!* *!  **   *  *          **!**! !*!* !
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NTDB id 1111 NGFG RS09220 WP 003689814.1   PIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLPD   155
NTDB id 1403 DSB67 RS12675 WP 010643256.1  QIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPD   155
NTDB id 1170 A1552VC RS11080 WP 000418747.1 PIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPD   155
NTDB id 103473 QUE75 RS13440 WP 286250901.1 KIRAWENIPVISWLVLRGKCSSCGTSISPRYPIIEAITAIFSVVTIALLGPTEAALWALLLVWALVALTMIDFDTQLLPD   159
NTDB id 1061 ABD1 RS18470 WP 001152280.1   PIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPD   159
NTDB id 1080 FDQ49 RS18305 WP 022575844.1  PIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPD   159
consensus                                  *!! * !!!**!*!*!!!*!  !* *!* !!!*!!**!** **** ** *  * **!*****!***!*!!*!!**!!!
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NTDB id 1111 NGFG RS09220 WP 003689814.1   SMTLPLIWLGLIFNLDGGFV.PLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVS   234
NTDB id 1403 DSB67 RS12675 WP 010643256.1  QLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLS   235
NTDB id 1170 A1552VC RS11080 WP 000418747.1 QLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLS   235
NTDB id 103473 QUE75 RS13440 WP 286250901.1 SITLPLMWLGLVLNYFGVLT.DFNSAFWGAVAGYLSLWSVYWLFKLVTGKEGMGHGDFKLLAALGAWLGWQLLPAVILLS   238
NTDB id 1061 ABD1 RS18470 WP 001152280.1   RFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS   238
NTDB id 1080 FDQ49 RS18305 WP 022575844.1  RFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLS   238
consensus                                   *!!!!***!****  **  * **** !***!** !! *****!**!!!*!!!*!!!!!*!!!!!!*!    !!*****!
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NTDB id 1111 NGFG RS09220 WP 003689814.1   SLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1  SVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1 SVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 103473 QUE75 RS13440 WP 286250901.1 SLVGAVVGIALMVFKKHGREVPIPFGPYLAAAGLLGLWFGAEI...QAIWFGFLGV...   291
NTDB id 1061 ABD1 RS18470 WP 001152280.1   SLLGAIIGIILLKL..RNDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1  SLLGAIIGIILLKL..RNDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
consensus                                  !**! * ******     *     * !!!*****!*** **** *    *  *
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X non conserved
X similar
X ≥ 50% conserved