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NTDB id 1111 NGFG RS09220 WP 003689814.1    .MSDLSVLSPF....AVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLT.........DDESRTFNLMKP   66
NTDB id 1080 FDQ49 RS18305 WP 022575844.1   .MQDIIAYFIQNLTALYTAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNP.........EQPIIDHEKLTLSKP   70
NTDB id 1061 ABD1 RS18470 WP 001152280.1    .MQDIIAYFIQNLTALYTAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNP.........EQPIIDHERLTLNKP   70
NTDB id 91038 OCU43 RS05305 WP 091362099.1  MMFELIAADTW...LSLSLTFVFALMVGSFLNVVIHRLPQMMEREWQLMAAEAAEAAETRDPEAQETPAEPSPPFNLAQP   77
NTDB id 1170 A1552VC RS11080 WP 000418747.1 ..MELFYFYPW...LFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGI.........TPPEGKLTLSLP   66
NTDB id 1403 DSB67 RS12675 WP 010643256.1   ..MEVFQYYPW...LFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKI.........EPPKETLTLSVP   66
consensus                                    * **  ** *      *   * *!**!!!!!!!!*!*!**!! *!  **                    **!  !
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NTDB id 1111 NGFG RS09220 WP 003689814.1    DSCCPKCRVPIRAWQNIPIVSYL.LLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTF   145
NTDB id 1080 FDQ49 RS18305 WP 022575844.1   ASSCPACHQPIRWYQNIPLISWL.VLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTF   149
NTDB id 1061 ABD1 RS18470 WP 001152280.1    ASSCPACQQPIRWYQNIPVISWL.VLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTF   149
NTDB id 91038 OCU43 RS05305 WP 091362099.1  ASTCPNCGHLIHWYENIPLISYFLILGGKCSGCKTRISLRYPLIELVTALISAFIVWQFGFNPVAFAAIFFSWCLIALTA   157
NTDB id 1170 A1552VC RS11080 WP 000418747.1 RSTCPHCQTPIRVIDNIPLLSWL.ALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATF   145
NTDB id 1403 DSB67 RS12675 WP 010643256.1   RSSCQQCGTQIRIRDNIPVISWL.LLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATF   145
consensus                                    !*!*  !  *!** * !!!**!** *!*!*!  !* *!**!!!*!!!*!** * **   ****   ****  ***!!**!*
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NTDB id 1111 NGFG RS09220 WP 003689814.1    IDADTQYLPDSMTLPLIWLGLIFNLDGGFV.PLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGI   224
NTDB id 1080 FDQ49 RS18305 WP 022575844.1   IDFDTQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGP   228
NTDB id 1061 ABD1 RS18470 WP 001152280.1    IDFDTQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGP   228
NTDB id 91038 OCU43 RS05305 WP 091362099.1  IDIDHQLLPDKITLPLLWIGLIINSFGYFT.TLPSALWGAVLGYLSLWSVYWLFKLATGKEGMGYGDFKLLAALGAWAGA   236
NTDB id 1170 A1552VC RS11080 WP 000418747.1 IDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSTYWLFKLLTGKEGMGYGDFKLLAALGAWLGW   225
NTDB id 1403 DSB67 RS12675 WP 010643256.1   IDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGW   225
consensus                                   !! !***!!! *!!!!***!**** * *  ****** !** !** !! ***** !**!!!*!!!*!!!!!*!!!!!!*!
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NTDB id 1111 NGFG RS09220 WP 003689814.1    SALPVLIFVSSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1   LMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1    LMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 91038 OCU43 RS05305 WP 091362099.1  DMLPLIILASSLIGAIIGGIMIAFSRQQSQTPIPFGPYLAGAGWIALLWGDEL...TSWYLHLLNL...   299
NTDB id 1170 A1552VC RS11080 WP 000418747.1 QQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1   QSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
consensus                                    !!*****!!**!  * ******  *      * !!!*****!!** **** *   * ***
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X non conserved
X similar
X ≥ 50% conserved