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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     MSDL....SVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPL...............TDDESRTF    61
NTDB id 1061 ABD1 RS18470 WP 001152280.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPII...............DHERL    65
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPII...............DHEKL    65
NTDB id 221866 STH12 RS20215 WP 126169204.1 MTELISLMSQYLWLFILLAFIFAATIGSFLNVVIHRLPVMMKREWQQECNAYLEEYQPELFKKLGKANLEKPIDGYPARY    80
NTDB id 1403 DSB67 RS12675 WP 010643256.1    ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEP...............PKETL    61
NTDB id 1170 A1552VC RS11080 WP 000418747.1  ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITP...............PEGKL    61
consensus                                    * ***  *        * * * ** *!!!!!!!!*!*!**!* *!  **   *                          **

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     NLMKPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLI   141
NTDB id 1061 ABD1 RS18470 WP 001152280.1     TLNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLI   145
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    TLSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLI   145
NTDB id 221866 STH12 RS20215 WP 126169204.1 NLIVPGSSCPKCGNGIKPWHNLPVLGWLMLGGKCASCKTPISSRYPIVEAFTGVAVAALAWHFGPTWEFAASALLTFGLI   160
NTDB id 1403 DSB67 RS12675 WP 010643256.1    TLSVPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLI   141
NTDB id 1170 A1552VC RS11080 WP 000418747.1 TLSLPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLI   141
consensus                                    *!  ! !*!* !  *!* * !*!****!*!*!*!* !* *!* !!!**!**!** * ***  ** *   ** ******!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     SLTFIDADTQYLPDSMTLPLIWLGLIFNLDGG.FVPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGA   220
NTDB id 1061 ABD1 RS18470 WP 001152280.1     ALTFIDFDTQLLPDRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGA   224
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    ALTFIDFDTQLLPDRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGA   224
NTDB id 221866 STH12 RS20215 WP 126169204.1 AMSGIDLDEMLLPDSLTLPLLWLGLLLNYQDL.FTSLEDALIGAVAGYLSLWSVYWLFKITTGKEGMGYGDFKLMALFGA   239
NTDB id 1403 DSB67 RS12675 WP 010643256.1    AATFIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGA   221
NTDB id 1170 A1552VC RS11080 WP 000418747.1 AATFIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGA   221
consensus                                    ****!! !* *!!! *!!!!***!****   * * *** ***!***!** !! *****!**!!!*!!!*!!!!!*!**!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1     WLGISALPVLIFVSSLIGLVAAIVMRVA....KGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1     WMGPLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    WMGPLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 221866 STH12 RS20215 WP 126169204.1 WLGWQMLPLIILLSSLVGALVGIAMMVWKSHKRENPIPFGPYIAAAGWIALVWGNDI...VTWYLGSL.....   304
NTDB id 1403 DSB67 RS12675 WP 010643256.1    WLGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1 WLGWQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                    !*!   !!*****!!**! * ******         * !!!*****!!** **** *    * ***
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X non conserved

X similar

X $\geq$ 50% conserved