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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      .......................MSDLSVLSPF.AVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDE    57
NTDB id 139157 RR42 RS17990 WP 236701932.1    MWLFSADGASGAISSLAAPAQTIAELAALPPWFLVAAAALIGLLVGSFLNVVVHRLPRMMEHDEANYIASL..RDDPIPH    78
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     ...................MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIID    61
NTDB id 1061 ABD1 RS18470 WP 001152280.1      ...................MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIID    61
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ....................MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPP    57
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ....................MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPP    57
consensus                                       **   **    **    * *****!**!!!!!!!**!*!**!! **   **

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NTDB id 1111 NGFG RS09220 WP 003689814.1      SRTFNLMKPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILT   137
NTDB id 139157 RR42 RS17990 WP 236701932.1    PEPYNLMVPRSACPHCGHAIGALENIPVLSYLFLRGRCSSCAAPIGARYPLVEAGTALLTALATAHFGPTWQALAAIALI   158
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     HEKLTLSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLT   141
NTDB id 1061 ABD1 RS18470 WP 001152280.1      HERLTLNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLT   141
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      AFLISLTFIDADTQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIA   216
NTDB id 139157 RR42 RS17990 WP 236701932.1    WALIALTLIDADTQLLPDQITLPLVWLGLLLNLGGLF.APLADAVIGAAAGYLLLWTVYWIFKLVRGKEGMGYGDFKLMG   237
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     WVLIALTFIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLA   220
NTDB id 1061 ABD1 RS18470 WP 001152280.1      WVLIALTFIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLA   220
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      ALGAWLGISALPVLIFVSSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 139157 RR42 RS17990 WP 236701932.1    ALGAWFGWQALPALVLLSSVVGLVFALANIALRRQDRDTHFAFGPYIAGAGLLVLFFGPNVL...PLGIVG......   305
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     ALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQIM...KIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      ALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQIM...KIYLGG......   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1     ALGAWLGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQIL...NWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1   ALGAWLGWQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKVI...DWYFTTWVGQPL   291
consensus                                     !!!!!*!   !!*****!!**!** *** *** *       !*!!!*****!**  *******      **
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X non conserved

X similar

X $\geq$ 50% conserved