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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MSDLS....VLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPL...............TDDESRTF    61
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPII...............DHEKL    65
NTDB id 1061 ABD1 RS18470 WP 001152280.1      MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPII...............DHERL    65
NTDB id 86496 K5625 RS19465 WP 221051586.1    MSEFIAVLSHNQWLFLVLCFLFASVIGSFLNVVIHRLPVMMKREWQQECNQYLQEYQPEFAKQLGEAKLNAPIDNYPAKY    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 1080 FDQ49 RS18305 WP 022575844.1     TLSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLI   145
NTDB id 1061 ABD1 RS18470 WP 001152280.1      TLNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLI   145
NTDB id 86496 K5625 RS19465 WP 221051586.1    NLILPKSACPNCGAHIKPWHNLPIIGYLLLGGKCASCNTAISARYPIFELLTALLISTLGWYFGPTLQFVYATILTFGLI   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 1080 FDQ49 RS18305 WP 022575844.1     ALTFIDFDTQLLPDRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGA   224
NTDB id 1061 ABD1 RS18470 WP 001152280.1      ALTFIDFDTQLLPDRFTLPLAALGLGINTFNI.YTSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGA   224
NTDB id 86496 K5625 RS19465 WP 221051586.1    ALSGIDLDEMLLPDQITLPLLWLGLLVNISGT.FTNLTDATIGAAAGYLSLWSVYWLFKLLTGKEGMGYGDFKLMALFGA   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      WLGISALPVLIFVSSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     WMGPLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1      WMGPLMLPLIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 86496 K5625 RS19465 WP 221051586.1    WLGWQMLPLIILLSSLVGALVGVLLILFKNLNRGNPIPFGPYIAIAGWVALVWGQQI...VDWYLGTL.....   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