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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MS....DLSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTDDESRTFNLMKPDSCCPKCRVP   76
NTDB id 1403 DSB67 RS12675 WP 010643256.1    ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEPPKETLTLSVPRSSCQQCGTQ   76
NTDB id 1170 A1552VC RS11080 WP 000418747.1  ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITPPEGKLTLSLPRSTCPHCQTP   76
NTDB id 1008103 Q9L42 RS06725 WP 305909197.1 MQLLLDTLQHSLTLLTAVIFVLGLMIGSFLNVVIFRLPVMMTRDWRRECREFLELEEE.PQAERFNLLVPLSRCPHCQTD   79
NTDB id 1061 ABD1 RS18470 WP 001152280.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIIDHERLTLNKPASSCPACQQP   80
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIIDHEKLTLSKPASSCPACHQP   80
consensus                                    *   *  *        *   ***!**!!!!!!!!*!*!**!* *!  **   *         ****!  ! !*!* !  *

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      IRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQYLPDS  156
NTDB id 1403 DSB67 RS12675 WP 010643256.1    IRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTMLLPDQ  156
NTDB id 1170 A1552VC RS11080 WP 000418747.1  IRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLLLPDQ  156
NTDB id 1008103 Q9L42 RS06725 WP 305909197.1 IKPYQNIPVFSYLFLQGKCAQCGSAISPRYPLIEAFTGICSAIVAWHFGYGAEMLFALLLTWCLIAASFIDIDHQLLPDS  159
NTDB id 1061 ABD1 RS18470 WP 001152280.1     IRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPDR  160
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    IRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFDTQLLPDR  160
consensus                                    !* **!!!**!*!*!*!*!* !* *!* !!!*!!**!**** ***  ****   * *******!!* *!!! !***!!!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1      MTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLIFVSS  235
NTDB id 1403 DSB67 RS12675 WP 010643256.1    LTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMIILLSS  236
NTDB id 1170 A1552VC RS11080 WP 000418747.1  LTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIVLLSS  236
NTDB id 1008103 Q9L42 RS06725 WP 305909197.1 ITLPMLWLGLFLSLFSVY.TDPQSSIIGAIAGYLSLWTIYQLFKLLTGKEGMGYGDFKLLALFGAWLGWQYLPLIVLLSS  238
NTDB id 1061 ABD1 RS18470 WP 001152280.1     FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS  239
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    FTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIVLLSS  239
consensus                                    *!!!*****!***  *   **   * *****!***!** !!  ******!**!!!*!!!*!!!!!*!**!!!!*!    !!******!!

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NTDB id 1111 NGFG RS09220 WP 003689814.1      LIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1403 DSB67 RS12675 WP 010643256.1    VVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQIL...NWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  VVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKVI...DWYFTTWVGQPL   291
NTDB id 1008103 Q9L42 RS06725 WP 305909197.1 LVGSVIGIAMVILVKKDRNTPIPFGPYLAAAGWLALIWGDEIN...RLYLNTIGL...   290
NTDB id 1061 ABD1 RS18470 WP 001152280.1     LLGAIIGIILL..KLRNDNQPFAFGPYIAIAGWVAFLWGDQIM...KIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    LLGAIIGIILL..KLRNDNQPFAFGPYIAIAGWVAFLWGDQIM...KIYLGG......   286
consensus                                    **!  *  *****     *      *  !!!*****!!**  ****  **      **
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X non conserved

X similar

X ≥ 50% conserved