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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        ....MSD....LSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLTD........DESRTFNLM   64
NTDB id 1170 A1552VC RS11080 WP 000418747.1     ........MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGITP........PEGKLTLS   64
NTDB id 1403 DSB67 RS12675 WP 010643256.1       ........MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKIEP........PKETLTLS   64
NTDB id 1036670 AB8618 RS13595 WP 413400822.1   MQSIFIDISNAMQANLWFYLTTIGLVSVCIGSFLNVVIYRLPLMMQKEWQTECRLLLADELTSPKAEQTTSQTTGTFNLV   80
NTDB id 1061 ABD1 RS18470 WP 001152280.1        ....MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQPIID........HERLTLN   68
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       ....MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQPIID........HEKLTLS   68
consensus                                          * *  *        *  *** * *!!!!!!!!!!*!**!* *!  **   *                  **!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        KPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLT   144
NTDB id 1170 A1552VC RS11080 WP 000418747.1     LPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAAT   144
NTDB id 1403 DSB67 RS12675 WP 010643256.1       VPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAAT   144
NTDB id 1036670 AB8618 RS13595 WP 413400822.1   KPNSCCPKCKAAIKPWQNIPIFSWLFLKGKCATCDNPISVRYPTVEAITAILSLVVAYTFGATEQALLYIVVTWALVALT   160
NTDB id 1061 ABD1 RS18470 WP 001152280.1        KPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALT   148
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       KPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALT   148
consensus                                       *! !*!* !  *!* **!!!**!*!*!*!* !* *!**!!! *!**!** ***** ** *   *  ******!***!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        FIDADTQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLG   223
NTDB id 1170 A1552VC RS11080 WP 000418747.1     FIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLG   224
NTDB id 1403 DSB67 RS12675 WP 010643256.1       FIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLG   224
NTDB id 1036670 AB8618 RS13595 WP 413400822.1   FIDIDHMLLPDQLTLPLLWLALIASVMGYT.IAPSDAIIGAACGYLSLWSVFWLFKLITGKEGMGYGDFKLLAVFGALLG   239
NTDB id 1061 ABD1 RS18470 WP 001152280.1        FIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMG   227
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       FIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMG   227
consensus                                       !!! !* *!!! *!!!!******* * *   ** * ***!** !** !! *****!**!!!*!!!*!!!!!*!**!!**!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        ISALPVLIFVSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1170 A1552VC RS11080 WP 000418747.1     WQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
NTDB id 1403 DSB67 RS12675 WP 010643256.1       WQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1036670 AB8618 RS13595 WP 413400822.1   WQSLLTIILLSSVVGAVIGVALLSIQGKDKATPIPFGPYLAIAGWITMLWGTQL...QNSYFNFIGY...   303
NTDB id 1061 ABD1 RS18470 WP 001152280.1        PLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       PLMLPLIVLLSSLLGAIIGIILLKLR..NDNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
consensus                                          !******!!**! * *******         * !!!*****!!*  ******    *  *
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X non conserved

X similar

X $\geq$50% conserved