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logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        ....MSDLSVLSPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNL.......PLTDDESRTFNLMKPDSC   69
NTDB id 1061 ABD1 RS18470 WP 001152280.1        MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQP.......IIDHERLTLNKPASS   73
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQP.......IIDHEKLTLSKPASS   73
NTDB id 1171112 ACOQN4 RS08280 WP 420550364.1   ....MIQTLADAGLFLPLVTVLGLLIGSFLNVVVHRLPIMMENELRLDCEWLSAKDNGLPEPDPTAPTGPIFNLSKPRSR   76
NTDB id 1403 DSB67 RS12675 WP 010643256.1       ....MEVFQYYPWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAE......SFPEYKIEPP.KETLTLSVPRSS   69
NTDB id 1170 A1552VC RS11080 WP 000418747.1     ....MELFYFYPWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAA......SFPEYGITPP.EGKLTLSLPRST   69
consensus                                           *  *        *   ***!**!!!!!!!**!*!**!! **  **                **!**! !*

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        CPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDAD   149
NTDB id 1061 ABD1 RS18470 WP 001152280.1        CPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFD   153
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       CPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLTWVLIALTFIDFD   153
NTDB id 1171112 ACOQN4 RS08280 WP 420550364.1   CPQCDTQIRARDNIPVLSWVLLKGRCRDCDHPISARYPIVEASTAALSLLVAWVMGPSLATIAALALVWTLWALTLIDAD   156
NTDB id 1403 DSB67 RS12675 WP 010643256.1       CQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLD   149
NTDB id 1170 A1552VC RS11080 WP 000418747.1     CPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFD   149
consensus                                       !* !  *!!   !!!**!***!*!*!  !* *!* !!!**!**!** *****  ** **  **** ****!***!*!! !

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        TQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALP   228
NTDB id 1061 ABD1 RS18470 WP 001152280.1        TQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLP   232
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       TQLLPDRFTLPLAALGLGINTFNIYT.SPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLP   232
NTDB id 1171112 ACOQN4 RS08280 WP 420550364.1   TQLLPDQLTLPLTWAGLLVATTGVWPVSLTDALFGAVFGYLSLWSVFHLFRILTGKHGMGAGDFKLLAALGAWMGWQVLP   236
NTDB id 1403 DSB67 RS12675 WP 010643256.1       TMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLP   229
NTDB id 1170 A1552VC RS11080 WP 000418747.1     TLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLP   229
consensus                                       !**!!! *!!!! * !***   *** **** ** !** !** !! ********!!!*!!!*!!!!!*!!!!!!*!   !!

logo
NTDB id 1111 NGFG RS09220 WP 003689814.1        VLIFVSSLIGLVAAIVM....RVAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1        LIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1       LIVLLSSLLGAIIGIILLKLRN..DNQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1171112 ACOQN4 RS08280 WP 420550364.1   LIIVLSSLVGAVVGISAIALAKMGARAPMAFGPYLAGAGLIALLWGAQL...IDGYKAVA.GL..   295
NTDB id 1403 DSB67 RS12675 WP 010643256.1       MIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1     VIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                       *****!!**! * *** *** * *     **!!!*****!*** ******    *  *
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X non conserved

X similar

X ≥ 50% conserved