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logo
NTDB id 215855 BWP33 RS00675 WP 002641290.1  .........M.ENMAIFMAVLFGLLVGSFLNVVIYRLPVMLNREWNEAAREQLKLDDEFIQTLPENIAQTLRQRIGLTPE   70
NTDB id 1111 NGFG RS09220 WP 003689814.1     MSDLS...VL.SPFAVPLAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLP....................LTDD   56
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQ....................PII   60
NTDB id 1061 ABD1 RS18470 WP 001152280.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQ....................PII   60
NTDB id 1403 DSB67 RS12675 WP 010643256.1    .MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYK....................IEP   56
NTDB id 1170 A1552VC RS11080 WP 000418747.1  .MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYG....................ITP   56
consensus                                      **  **        * * * *!**!!!!!!!!!!*!**** *!  **   *

logo
NTDB id 215855 BWP33 RS00675 WP 002641290.1  QMGVFTLSRPRSRCGNCGAPVRAWQNIPIISWLILRGKCHTCQTPISIRYPLVELLTGVLFGLVAWRYGWTEITVWGCLL  150
NTDB id 1111 NGFG RS09220 WP 003689814.1     ESRTFNLMKPDSCCPKCRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLIL  136
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    DHEKLTLSKPASSCPACHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVL  140
NTDB id 1061 ABD1 RS18470 WP 001152280.1     DHERLTLNKPASSCPACQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVL  140
NTDB id 1403 DSB67 RS12675 WP 010643256.1    PKETLTLSVPRSSCQQCGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFF  136
NTDB id 1170 A1552VC RS11080 WP 000418747.1  PEGKLTLSLPRSTCPHCQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFF  136
consensus                                       **!**! !*!* !  **! **!!!**!*!*!!!*!  !* *!**!!!**!!!!** * ***  ****   * ****

logo
NTDB id 215855 BWP33 RS00675 WP 002641290.1  TAMVIAMTFIDADTQILPDDLTKPLVWLGLLFNWRMGF.VSWQQALLGAVIGYMSLYLLNKIHVILRGIDGMGQGDFKLL  229
NTDB id 1111 NGFG RS09220 WP 003689814.1     TAFLISLTFIDADTQYLPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLI  215
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    TWVLIALTFIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLL  219
NTDB id 1061 ABD1 RS18470 WP 001152280.1     TWVLIALTFIDFDTQLLPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLL  219
NTDB id 1403 DSB67 RS12675 WP 010643256.1    TFVLIAATFIDLDTMLLPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLL  216
NTDB id 1170 A1552VC RS11080 WP 000418747.1  SYVLIAATFIDFDTLLLPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLL  216
consensus                                    ****!**!!!! !!**!!! *!*!!***!****    * ** * ***!** !** !**********!**!!!*!!!!!*

logo
NTDB id 215855 BWP33 RS00675 WP 002641290.1  AAIGAWVGVANLPIVVLMASVIGIVAALVKR....VTKSQPMAFGPCLAIAGWFIFLFHQQATMAITWWLHKSGF...  300
NTDB id 1111 NGFG RS09220 WP 003689814.1     AALGAWLGISALPVLIFVSSLIGLVAAIVMR....VAKGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...  286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1    AALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......  286
NTDB id 1061 ABD1 RS18470 WP 001152280.1     AALGAWMGPLMLPLIVLLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......  286
NTDB id 1403 DSB67 RS12675 WP 010643256.1    AALGAWLGWQSLPMIILLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..  289
NTDB id 1170 A1552VC RS11080 WP 000418747.1  AALGAWLGWQQLPVIVLLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL  291
consensus                                    !!*!!!*!   !!******!**!** *** **         **!!!*****!!* *******   * ***
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X non conserved

X similar

X ≥ 50% conserved