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NTDB id 1438 BW25113 RS15435 WP 001333829.1  ..MLFDVFQQYPTAMPVLATVGGLIIGSFLNVVIWRYPIMLRQQMAEFHGEM..........SSAQSKISLALPRSHCPH   68
NTDB id 1111 NGFG RS09220 WP 003689814.1     ...MSDLSVLSPFAVP.LAAVLGLLVGSFLNVVIYRVPVMMERGWTVFAKEHLNLPLT....DDESRTFNLMKPDSCCPK   72
NTDB id 1061 ABD1 RS18470 WP 001152280.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPKMMEQDWQQECQMLLNPEQP....IIDHERLTLNKPASSCPA   76
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     MQDIIAYFIQNLTALYIAVALVSLCIGSFLNVVIYRTPRMMEQDWQQECQMLLNPEQP....IIDHEKLTLSKPASSCPA   76
NTDB id 22011 VF RS11390 WP 011262625.1       .MAVFDYY...PWLFPLFATLFGLLVGSFLNVVIYRLPIMMEKEWKKDCIDCFPDLAPKKTSEEKEETFNLSVPRSRCPK   76
NTDB id 1403 DSB67 RS12675 WP 010643256.1     .MEVFQYY...PWLFVVFATIFGLIVGSFLNVVIYRLPKIMELEWRRECAESFPEYKI....EPPKETLTLSVPRSSCQQ   72
NTDB id 1170 A1552VC RS11080 WP 000418747.1   .MELFYFY...PWLFPVLATLFGLIVGSFLNVVIYRLPKIMEREWRAECAASFPEYGI....TPPEGKLTLSLPRSTCPH   72
consensus                                       *** **    ****** *** *!**!!!!!!!!*!*!****  **   ** *                ****!**!*!*!*
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NTDB id 1438 BW25113 RS15435 WP 001333829.1  CQQTIRIRDNIPLFSWLMLKGRCRDCQAKISKRYPLVELLTALAFLLASLVWPESGWGLAVMILSAWLIAASVIDLDHQW   148
NTDB id 1111 NGFG RS09220 WP 003689814.1     CRVPIRAWQNIPIVSYLLLRGKCASCQTKISIRYPLIELLTGVLFGLVAWQYGWSWITLGGLILTAFLISLTFIDADTQY   152
NTDB id 1061 ABD1 RS18470 WP 001152280.1     CQQPIRWYQNIPVISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLIWVLIALTFIDFDTQL   156
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     CHQPIRWYQNIPLISWLVLRGKCGHCQHPISIRYPAIELLTMLCSLVVVMVFGPTIQMLFGLVLIWVLIALTFIDFDTQL   156
NTDB id 22011 VF RS11390 WP 011262625.1       CQTQIKFYDNIPVISWLLLKGKCRQCSNPISFRYPAIELLSGAMCFAVSYLLPFSYFAVAAVLFTLVLIALTFIDIDTML   156
NTDB id 1403 DSB67 RS12675 WP 010643256.1     CGTQIRIRDNIPVISWLLLRGKCHNCQAPINARYPLIELLTAFCSGFIAFHFGFSYFTVALVFFTFVLIAATFIDLDTML   152
NTDB id 1170 A1552VC RS11080 WP 000418747.1   CQTPIRVIDNIPLLSWLALRGQCSHCKAPISARYPLIELLTALMSLVIATHFPFGVFAVALLFFSYVLIAATFIDFDTLL   152
consensus                                     !* *!* **!!!**!*!*!*!*!  !* *!* !!!**!!!*** **** ***** * **********!!*****!! !***
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NTDB id 1438 BW25113 RS15435 WP 001333829.1  LPDVFTQGVLWTGLIAAWAQQSPLTLQDAVTGVLVGFITFYSLRWIAGIVLRKEALGMGDVLLFAALGGWVGALSLPNVA   228
NTDB id 1111 NGFG RS09220 WP 003689814.1     LPDSMTLPLIWLGLIFNLDGGF.VPLQSAVLGAVAGYSSLWLLCAVYKLLTGKTGMGNGDFKLIAALGAWLGISALPVLI   231
NTDB id 1061 ABD1 RS18470 WP 001152280.1     LPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIV   235
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LPDRFTLPLAALGLGINTFNIY.TSPNSAIWGYLIGFLCLWIVYYLFKVITGKEGMGYGDFKLLAALGAWMGPLMLPLIV   235
NTDB id 22011 VF RS11390 WP 011262625.1       LPDQITLPLLWSGLYLALVGWSSVSLVDSVVGAMAGYLILWSIYWGFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPLII   236
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LPDQLTLPLMWTGIALALAGISPVSLQDSIIGAMAGYLCLWSVYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQSLPMII   232
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LPDQLTLPLLWGGIALALLGFSPVSLSDAVIGAMAGYLSLWSIYWLFKLLTGKEGMGYGDFKLLAALGAWLGWQQLPVIV   232
consensus                                     !!! *!***** !***** * * ********!***!** **************!***!*!!**!*!!!!*!*!    !!***
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NTDB id 1438 BW25113 RS15435 WP 001333829.1  LIASCCGLIYAVITKRG.....STTLPFGPCLSLGGIATLYLQALF.................   269
NTDB id 1111 NGFG RS09220 WP 003689814.1     FVSSLIGLVAAIVMRVA....KGRHFAFGPALTVSGWIIFTANDSVWRAVNWWLTHPVR...   286
NTDB id 1061 ABD1 RS18470 WP 001152280.1     LLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 1080 FDQ49 RS18305 WP 022575844.1     LLSSLLGAIIGIILLKLRND..NQPFAFGPYIAIAGWVAFLWGDQI...MKIYLGG......   286
NTDB id 22011 VF RS11390 WP 011262625.1       LLSSVVGAIIGVIMLTAQKKGFDKAIPFGPYLAIAGWVCLLWGQNI...SQWYFNHILGLPL   295
NTDB id 1403 DSB67 RS12675 WP 010643256.1     LLSSVVGVIFGLIQLRLQKQGIEKAFPFGPYLAIAGWVSLIWGHQI...LNWYFTSILGV..   289
NTDB id 1170 A1552VC RS11080 WP 000418747.1   LLSSVVGVIFGLIQLRQQKKGIDMAFPFGPYLAIAGWFALLWGDKV...IDWYFTTWVGQPL   291
consensus                                     ***!**!** *******          **!!!*****!** *******    * **     *
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X non conserved
X similar
X ≥ 50% conserved