

Title	Role of the Photorhabdus Dam methyltransferase during interactions with its invertebrate hosts
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Publication date	2019-10-09
Original Citation	Payelleville, A., Blackburn, D., Lanois, A., Pagès, S., Cambon, M. C., Ginibre, N., Clarke, D. J., Givaudan, A. and Brillard, J. [2019] 'Role of the Photorhabdus Dam methyltransferase during interactions with its invertebrate hosts', PLOS ONE, 14(10), e0212655. (14pp.) doi: 10.1371/journal.pone.0212655
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1371/journal.pone.0212655
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Download date	2023-09-28 21:24:29
Item downloaded from	https://hdl.handle.net/10468/9293



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Table S1: Primers used in this study

Primer name	Use	Sequence (5'- 3')
R_GlmS_Sall	Partial amplification of <i>GlmS</i> for chromosomal insertion	GCGGTCGACTTCAACTAAGGCATTTACAAC
F_GlmS_AatII	Partial amplification of <i>GlmS</i> for chromosomal insertion	GGCGACGTCAACCTTATTCCACCGTCAC
R_RpmE_SacI	Partial amplification of <i>RpmE</i> for chromosomal insertion	GGCGAGCTCTAGTAAGAAGTTGAAATAAGCC
F_RpmE_SpeI	Partial amplification of <i>RpmE</i> for chromosomal insertion	GCTACTAGTTAAACCCGAGTTATAAGC
L_verif_GlmS	PCR verification of chromosomal insertion	TGCGGATACATTAGCAGCAC
R_verif_RpmJ	PCR verification of chromosomal insertion	GCACTAATAAGGTTTCATTTTGCAT
plu0004-F	qRT-PCR on <i>gyrB</i> gene	ATACACGAAGAAGAAGGTGTTTCAG
plu0004-R	qRT-PCR on <i>gyrB</i> gene	TACCTGTCTGTTTCAGTTTCTCCAAC
plu087-F	qRT-PCR on <i>dam</i> gene	CTGATGAGTTTATAGTCCACACACG
plu087-R	qRT-PCR on <i>dam</i> gene	ACCATGAGAATTATAACGACAGAGG
MSRE-10531-F	Determination of the DNA methylation status	CAGCACTGACTCTGGAATTAATAAAT
MSRE-10531-R	Determination of the DNA methylation status	CCCTTAATAAAAACATGAACTCTCA