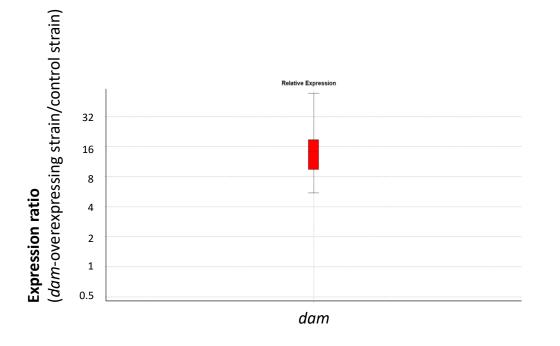


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Fig. S1



Parameter	Value						
Iterations	2000						
Gene	Туре	Reaction Efficiency	Expression	Std. Error	95% C.I.	P(H1)	Result
GyrB	REF	0,7929	1,157				
Dam	TRG	1,1132	14,217	8,224 - 23,010	5,785 - 41,381	0,000	UP
fis	REF	0,7791	0,864				
Interpretation							
Dam is UP-regulat	ed in sample gro	up (în comparison to contro	ol group) by a mear	factor of 14,217 (S.I	E. range is 8,224 - 23	,010).	
Dam sample on u	n is different to co	ontrol group. P(H1)=0,000					

Figure S1. Relative expression of the dam gene in the P. luminescens dam-overexpressing strain.

qRT-PCR was carried out with total RNA extracted from 3 independent samples of exponentially growing cells of the *dam*-overexpressing strain and of the control strain. Left panel, Box-plot representing the expression ratio between the two strains is represented for the *dam* gene. Right panel, detailed report of the REST-analysis using with *gyrB* and *fis* used as control genes (see Materials & Methods section for details). The level of expression between the 2 strains was different at *p*<0.001.