

Supplementary TABLE 2: Genes required for full infection regulated through QS.

Gene/Protein	Identity/similarity/function	Ratio $\Delta vjbR/wt$ 2D-DIGE	Ratio $\Delta babR/wt$ 2D-DIGE	Ratio $\Delta vjbR/wt$ Microarray	Ratio $\Delta babR/wt$ Microarray	Attenuation	References
BMEI0258	High-Affinity Branched-Chain Amino Acid Transport System Permease Protein LivH	ND	ND	1,50	0,98	DFI	[69]
BMEI0451	2-Isopropyl Malate Synthase	ND	0,21	0,95	1,11	Macrophages	[12, 70]
BMEI0516	Aspartate Aminotransferase A	ND	0,68	1,47	1,20	HeLa	[71]
BMEI0626	Transcriptional Regulator, GntR Family	ND	2,64	3,42	1,13	Macrophages	[12]
BMEI0872	Hfq	ND	ND	1,76	1,00	Mice, Macrophages	[12, 53]
BMEI0979	Glutamine Synthase	ND	0,30	1,18	1,26	Macrophages	[12]
BMEI1127	Phosphoribosylformylglycinamide Synthase	0,83	ND	0,95	1,07	Macrophages, Mice	[71]
BMEI1404	Mannosyltransferase	ND	1,38	1,09	0,92	Mice	[72]
BMEI1413	GDP-Mannose 4,6-Dehydratase	ND	0,68	1,56	1,23	Macrophages, Mice	[73]
BMEI1915	SSU Ribosomal Protein S1P	ND	1,77	1,26	1,46	Macrophages	[70]
BMEI2002	DnaK Protein	ND	1,78	1,10	1,63	Macrophages, Mice	[74]
BMEI0017	Omp10	ND	ND	1,47	1,09	Mice	[75]
BMEI0025	Attachment Mediating Protein VirB1 Homolog	ND	ND	0,15	1,43	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0026	Attachment Mediating Protein VirB2 Homolog	ND	ND	0,11	1,57	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0027	Channel Protein VirB3 Homolog	ND	ND	0,15	1,56	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0028	ATPase VirB4 Homolog	ND	ND	0,33	1,56	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0029	Attachment Mediating Protein VirB5 Homolog	ND	ND	0,26	1,37	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0030	Channel Protein VirB6 Homolog	ND	ND	0,61	1,26	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0032	Channel Protein VirB8 Homolog	0,26	ND	0,50	1,55	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0033	Channel Protein VirB9 Homolog	0,49	ND	0,72	1,58	Mice, Macrophages, HeLa	[70, 72, 76-78]
BMEI0559	Aminomethyltransferase	ND	1,68	1,03	1,03	Macrophages	[12]
BMEI0581	Superoxide Dismutase (Cu-Zn) SodC	ND	ND	1,74	1,17	Macrophages, Mice	[79]
BMEI0591	Sugar transport system permease protein	ND	ND	4,62	0,93	Mice, Macrophages, HeLa	[80]
BMEI0923	Spermidine/putrescine-binding periplasmic protein	ND	1,52	1,99	0,77	Mice	Dricot, u.p.
BMEI1116	Transcriptional Activator, LuxR Family (VjbR)	ND	0,55	-	1,44	Macrophages, Mice, HeLa	[33]

DFI : Differential Fluorescence Induction.