

Table S1: Number of tomograms of minicells and sub-tomograms of injectisomes processed in this study

Strain	Relevant Genotype	Tomograms	Sub-tomograms
SB1780	<i>wild-type</i>	1,470	5,274
SB3112	$\Delta invA$	107	1,095
SB3131	$\Delta orgA$	336	846
SB3050	$\Delta orgB$	224	787
SB3046	$\Delta spaO$	206	766
SB3092	$\Delta invC$	119	1,144
SB3047	$\Delta spaO \Delta invA$	178	1,018
SB2841	$\Delta prgIJ \Delta invI$	244	1,068
SB3113	$\Delta spaPQRS$	89	504
SB3051	<i>sfGFP-spaO</i>	650	3,032
SB3063	<i>invA-sfGFP</i>	111	860
SB3064	<i>mEos3.2-prgH</i>	300	765
SB3065	<i>orgA-mEos3.2</i>	382	2,871
SB3066	<i>orgB-mEos3.2</i>	368	2,385
SB3067	<i>invC-mEos3.2</i>	194	1,107
SB3068	<i>3xF-mEos3.2-invI</i>	332	4,830
SB3085	PAFP-prgH $\Delta spaO$	282	953
17 in total		5,592 in total	29,307 in total