

**Supplemental Table S2** Quantification of *bcpA-gfp* expression by flow cytometry

Expt. No.	Medium	Strain	Gated Events	GFP <sup>+</sup> Events	% GFP <sup>+</sup>	Fluorescence Intensity*
1	LSLB	P <sub><i>bcpA</i></sub> - <i>gfp</i>	182,217	79	0.04	2.75
2	LSLB	P <sub><i>bcpA</i></sub> - <i>gfp</i>	182,302	800	0.44	2.93
3	LSLB	P <sub><i>bcpA</i></sub> - <i>gfp</i>	238,236	914	0.38	2.64
Mean ± SD	LSLB	P <sub><i>bcpA</i></sub> - <i>gfp</i>	–	–	<b>0.29 ± 0.22</b>	<b>2.77 ± 0.15</b>
1	LSLB	P <sub>S12</sub> - <i>gfp</i>	194,917	193,863	99.46	3.11
2	LSLB	P <sub>S12</sub> - <i>gfp</i>	188,610	187,252	99.28	3.14
3	LSLB	P <sub>S12</sub> - <i>gfp</i>	219,682	217,706	99.10	2.86
Mean ± SD	LSLB	P <sub>S12</sub> - <i>gfp</i>	–	–	<b>99.28 ± 0.18</b>	<b>3.04 ± 0.15</b>
1	LSLB	vector	189,720	9	0.00	2.41
2	LSLB	vector	177,556	26	0.01	2.30
3	LSLB	vector	228,407	6	0.00	2.56
Mean ± SD	LSLB	vector	–	–	<b>0.00 ± 0.01</b>	<b>2.42 ± 0.13</b>
1	M63	P <sub><i>bcpA</i></sub> - <i>gfp</i>	216,480	514	0.24	2.81
2	M63	P <sub><i>bcpA</i></sub> - <i>gfp</i>	249,142	423	0.17	3.24
3	M63	P <sub><i>bcpA</i></sub> - <i>gfp</i>	150,310	194	0.13	2.45
Mean ± SD	M63	P <sub><i>bcpA</i></sub> - <i>gfp</i>	–	–	<b>0.18 ± 0.06</b>	<b>2.83 ± 0.40</b>
1	M63	P <sub>S12</sub> - <i>gfp</i>	230,161	228,164	99.13	3.13
2	M63	P <sub>S12</sub> - <i>gfp</i>	123,061	122,264	99.35	3.50
3	M63	P <sub>S12</sub> - <i>gfp</i>	175,807	169,239	96.26	2.20
Mean ± SD	M63	P <sub>S12</sub> - <i>gfp</i>	–	–	<b>98.25 ± 1.72</b>	<b>2.94 ± 0.67</b>
1	M63	vector	135,026	1	0.00	1.48
2	M63	vector	100,010	0	N/A	N/A
3	M63	vector	160,154	110	0.07	1.98
Mean ± SD	M63	vector	–	–	<b>0.02 ± 0.04</b>	<b>1.73 ± 0.35</b>

\*Mean relative fluorescence intensity of gated GFP<sup>+</sup> events