

Table S1 - Sporulation of strain 630 Δ erm in SM.

| Time (h) | Heat tests ^a | | | Microscopy ^b |
|----------|---------------------------------------|---------------------------------------|-----------------|-------------------------|
| | Total Cells (CFU/ml) | Heat-resistant Cells (CFU/ml) | % sporulation | % sporulation |
| 0 | $8.4 \times 10^5 \pm 2.9 \times 10^5$ | $\leq 10^1$ | - | - |
| 4 | $2.8 \times 10^6 \pm 8.4 \times 10^5$ | $\leq 10^1$ | - | - |
| 6 | $7.3 \times 10^6 \pm 2.2 \times 10^6$ | $\leq 10^1$ | - | - |
| 8 | $8.0 \times 10^7 \pm 1.3 \times 10^7$ | $\leq 10^1$ | - | - |
| 10 | $2.8 \times 10^8 \pm 1.6 \times 10^8$ | $\leq 10^1$ | - | - |
| 12 | $3.2 \times 10^8 \pm 2.0 \times 10^8$ | $3.7 \times 10^2 \pm 2.0 \times 10^2$ | 0.0 \pm 0.0 | - |
| 16 | $9.7 \times 10^7 \pm 9.0 \times 10^6$ | $5.7 \times 10^4 \pm 9.4 \times 10^3$ | 0.1 \pm 0.0 | 0.3 \pm 0.1 |
| 20 | $7.4 \times 10^7 \pm 1.1 \times 10^7$ | $2.4 \times 10^5 \pm 1.4 \times 10^5$ | 0.3 \pm 0.2 | 1.3 \pm 0.3 |
| 24 | $3.3 \times 10^7 \pm 2.0 \times 10^7$ | $4.9 \times 10^5 \pm 2.0 \times 10^5$ | 2.8 \pm 1.2 | 2.1 \pm 0.9 |
| 36 | $2.5 \times 10^7 \pm 1.5 \times 10^7$ | $9.5 \times 10^5 \pm 6.2 \times 10^4$ | 5.5 \pm 4.5 | 2.8 \pm 0.7 |
| 48 | $2.3 \times 10^7 \pm 6.2 \times 10^6$ | $2.1 \times 10^6 \pm 5.3 \times 10^5$ | 10.3 \pm 4.9 | 3.1 \pm 0.9 |
| 72 | $1.3 \times 10^7 \pm 5.4 \times 10^6$ | $4.7 \times 10^6 \pm 1.5 \times 10^6$ | 43.8 \pm 25.6 | - |

^a Numbers are from the chart of Figure 1A. Values are the average and SD (standard deviation) of three independent experiments. For times 0-10h, no heat resistant spore counts were detected after plating a 100 μ l undiluted culture sample.

^b Percentage of sporulation was calculated by dividing the sum of phase bright and free spores as detected by phase contrast microscopy, by the total number of viable cells scored under the microscope (at least 1000 cells were scored for each time point). Values are the average of three independent experiments.

