Table S1. Enrichment of sporulation genes among differentially expressed genes.

| Gene induced | Dir. | Differentially Expressed genes | Unchanged genes | Total spor. genes (m) | total other genes (n) | total changed (k) | P-value | adjusted P * |
|--------------|------|--------------------------------|-----------------|-----------------------|----------------------|-----------------|---------|--------------|
|              |      | Spor. 2 | other | Spor. 2 | other |                  |                   |          |              |
| ELDg168      | up   | 29     | 193   | 567    | 2789    | 645              | 3240              | 222      | 0.917        | 1.000       |
| ELDg168      | down | 49     | 258   | 567    | 2789    | 645              | 3240              | 307      | 0.587        | 1.000       |
| ELDg169      | up   | 390    | 861   | 192    | 1291    | 645              | 3240              | 1251     | 3.27E-60     | 1.96E-59 ***|
| ELDg169      | down | 63     | 1088  | 192    | 1291    | 645              | 3240              | 1151     | 1.000        | 1.000       |
| Goe3         | up   | 5      | 17    | 640    | 3221    | 645              | 3240              | 22       | 0.144        | 0.433       |
| Goe3         | down | 0      | 2     | 640    | 3221    | 645              | 3240              | 2        | 0.305        | 0.731       |
| sigF         | up   | 338    | 748   | 255    | 1618    | 645              | 3240              | 1086     | 3.57E-48     | 1.43E-47 ***|
| sigF         | down | 52     | 874   | 255    | 1618    | 645              | 3240              | 926      | 1.000        | 1.000       |
| sigG         | up   | 305    | 491   | 299    | 2170    | 645              | 3240              | 796      | 4.74E-66     | 5.69E-65 ***|
| sigG         | down | 41     | 579   | 299    | 2170    | 645              | 3240              | 620      | 1.000        | 1.000       |
| SP10         | up   | 2      | 28    | 642    | 3200    | 645              | 3240              | 30       | 0.897        | 1.000       |
| SP10         | down | 1      | 12    | 642    | 3200    | 645              | 3240              | 13       | 0.662        | 1.000       |

1. Direction of change: upregulated or downregulated.
2. Sporulation related genes, as defined in subtiwiki.uni-goettingen.de.
3. ‘m’, ‘n’ and ‘k’ are parameters of the hypergeometric test (phyper in R)
4. Multiple testing correction by the Benjamini, Hochberg, and Yekutieli method (** = P < 0.001)