**S1 Table.** Number of *VSG*s upregulated in indicated mutant strains with log2(RPKM)> -5.

|  |  |  |  |
| --- | --- | --- | --- |
| **Fold change** | ***VSG* type** | **Genotype** | **Number** |
| >4 | All *VSG*s | *J∆* | 45 |
| *H3.V∆* | 57 |
| *J∆ H3.V∆* | 193 |
| BES-*VSG*s | *J∆* | 0 |
| *H3.V∆* | 6 |
| *J∆ H3.V∆* | 7 |
| m*VSG*s | *J∆* | 0 |
| *H3.V∆* | 4 |
| *J∆ H3.V∆* | 5 |
| MC-*VSG*s | *J∆* | 2 |
| *H3.V∆* | 1 |
| *J∆ H3.V∆* | 13 |