

**Table S1. Reads obtained in the experiment for each biological and technical replicate in each growth condition.**

Number of reads obtained per biological and technical replicate after passing the Illumina quality filter. Technical replicates of the same biological replicate are shown in the same color, and replicates of the same treatment are shown in different hues of the same color.

| YM        | Read Count | EMP        | Read Count | CUT        | Read Count | EMG         | Read Count |
|-----------|------------|------------|------------|------------|------------|-------------|------------|
| YM1 lane5 | 16984502   | EMP5 lane5 | 19455818   | CUT4 lane5 | 21557554   | EMG3 lane 1 | 17774680   |
| YM1 lane6 | 16884615   | EMP5 lane6 | 19493806   | CUT4 lane6 | 21607741   | EMG3 lane6  | 17510987   |
| YM1 lane7 | 16746146   | EMP5 lane7 | 19391547   | CUT4 lane7 | 21475196   | EMG3 lane7  | 17505495   |
| YM3 lane5 | 23053582   | EMP6 lane5 | 19876712   | CUT6 lane5 | 25456069   | EMG6 lane1  | 18222718   |
| YM3 lane6 | 23099212   | EMP6 lane6 | 19925044   | CUT6 lane6 | 25496300   | EMG6 lane6  | 17990853   |
| YM3 lane7 | 22977797   | EMP6 lane7 | 19803261   | CUT6 lane7 | 25379915   | EMG6 lane7  | 17937229   |
| YM4 lane5 | 20631881   | EMP8 lane5 | 20342464   | CUT8 lane5 | 24398390   | EMG9 lane1  | 18984453   |
| YM4 lane6 | 20643393   | EMP8 lane6 | 20274380   | CUT8 lane6 | 24471158   | EMG9 lane6  | 18824350   |
| YM4 lane7 | 20500989   | EMP8 lane7 | 20238837   | CUT8 lane7 | 24357937   | EMG9 lane7  | 18824350   |
| Total     | 181522117  | Total      | 199040706  | Total      | 214200260  | Total       | 163575115  |