

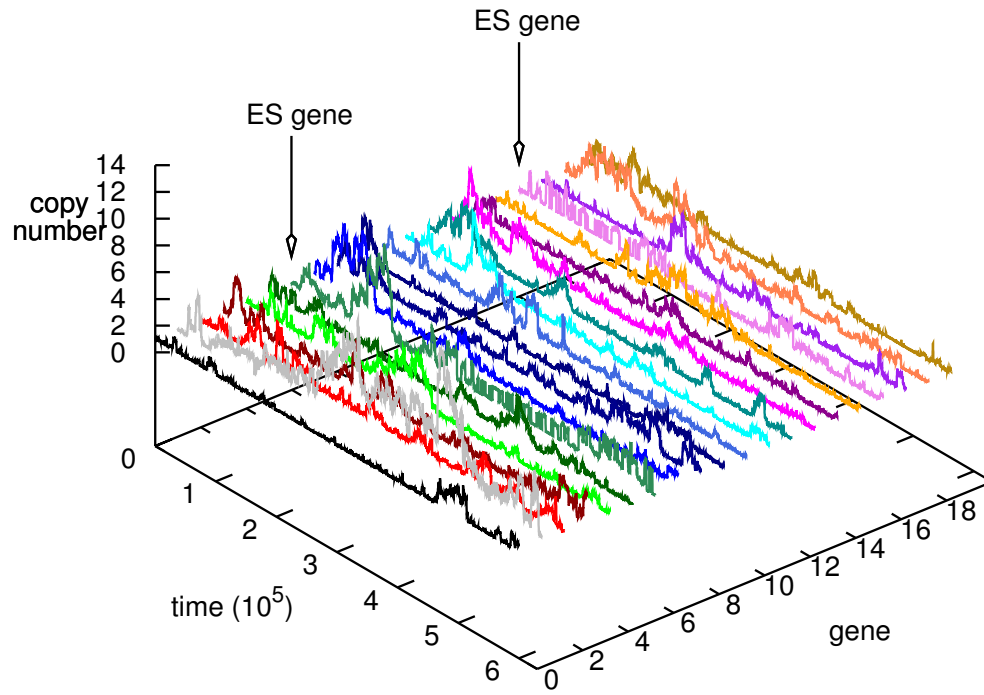


Figure S1: For each of the 20 different types the average copy number in the population is plotted through time. There are two clear ESs visible in this run. From $t \approx 0.5 \cdot 10^5$ to $2.5 \cdot 10^5$ gene 16 is the ES, and from $t = 3 \cdot 10^5$ to $6 \cdot 10^5$ gene 6 is the sensor. With the exception of gene 1 most of the other genes do not show large fluctuations in the long term. This run is number ten in Figure 10E (first before last).