# Text S4 Assembly Distribution Selection

In Figure 2 of the main text, ten species are drawn at random from the reaction mixture. The probability of selecting species , , for a given sample species is proportional to the mean concentration of , , calculated from the results of ten simulations at a given isothermal assembly condition () after such that:

|  |  |  |
| --- | --- | --- |
|  |  | (11) |

where is the mean concentration of species after the same simulations.