Supplementary Figure 4  Several mother machine designs were tested with molyso. Designs (A-F) were on the same PDMS device and cells were cultured under identical conditions. G shows box plots of the division time distribution. Automated analysis with the software was successful in all cases. Note that A and D are open-ended designs, which allow for continuous cultivation without an aging mother cell (chemostat conditions). Only C with A or F, respectively, showed a statistical significant ($p < 0.05$) difference. Besides that, the software delivered comparable division times for all designs, as expected under identical cultivation conditions. The sample sizes (division event counts) were: A: $n = 672$, B: $n = 249$, C: $n = 86$, D: $n = 425$, E: $n = 45$, F: $n = 58$. 