Fig. S16 *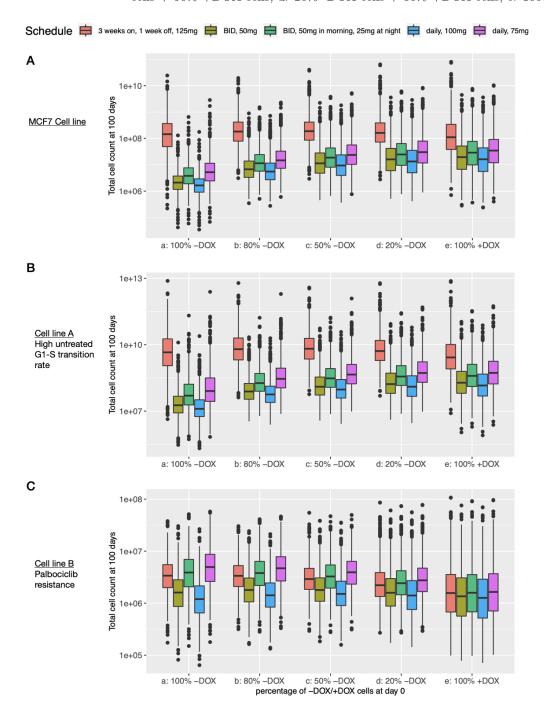In silico* **trial predictions of the cell count at day 100 with initial tumor heterogeneity.** (A) for the original cell line (MCF7) (B) for a simulated cell line with a high untreated G1-S transition rate $(1.8 * \lambda_\alpha)$ (C) for a simulate cell line with high palbociclib resistance $(10 * c_P)$. (A)-(C) are the standard box plots for the number of cells at day 100 with different degrees of initial tumor heterogeneity at day 0. From left to right, a: 100% -DOX cells, b: 80% -DOX cells + 20% +DOX cells, c: 50% -DOX cells + 50% +DOX cells, d: 20% -DOX cells + 80% +DOX cells, e: 100% +DOX cells.