Title: Supplementary Movie 1:

Description: Live microscopy of C. albicans filamentation in KBM supplemented with 50 mM cytosine. C. albicans was incubated at 37°C and 5% CO2 for 20 h and brightfield pictures were taken every hour.

Title: Supplementary Movie 2:

Description: Live microscopy of C. albicans filamentation in KBM. C. albicans was incubated at 37°C and 5% CO2 for 20 h and brightfield pictures were taken every hour.

Title: Supplementary Data 1:

Description: Metabolomics dataset. The relative concentrations of each metabolite in each condition are found as original data, scaled data and organised in pathways.

Title: Supplementary Data 2:

Description: Biomass objective function values and associated flux ranges for all reactions for all simulations and investigated media conditions generated in the study.

Title: Supplementary Data 3:

Description: Simulation sets over different fractions of required objective function values generated in this study.