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Bayesian detection of piecewise linear trends in replicated time-series with application to growth data modelling V.2

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1 *Works for me* dx.doi.org/10.17504/protocols.io.5x8g7rw

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ABSTRACT

Generally, growth assays for filamentous fungi have been performed on solid media, either as dilution series or spot tests. However, the solid media environment does not accurately mimic the environment encountered during infection (ie the mammalian lung). Previously, we have developed a methodology to perform liquid growth assays in time for *A. fumigatus* and other filamentous fungi including analysis via mathematical modelling.

This protocol is designed for *Aspergillus* species (and other filamentous fungi) to generate growth curves in liquid media in a 96-well plate. This can be done in high-throughput to generate 96 growth curves per run.

EXTERNAL LINK

https://arxiv.org/pdf/1709.06111.pdf

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

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Collection protocols