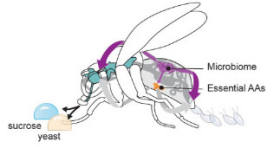


Jul 31, 2018 Version 2

🌐 **Methods and protocols from 2017 Leitão-Gonçalves et al. for manipulating the diet and the microbiome of *Drosophila* V.2**

📖 [PLOS Biology](#)



DOI

dx.doi.org/10.17504/protocols.io.r89d9z6

Zita Santos¹, Patrícia Francisco¹, Margarida Anjos¹, Célia Baltazar¹, Ana Paula Elias¹, Gabriela Tondolo Fioreze¹, Pavel M. Itskov¹, Matthew D. W. Piper¹, Carlos Ribeiro¹

¹Champalimaud Centre for the Unknown, School of Biological Sciences

Ribeiro Lab



Carlos Ribeiro

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DOI: dx.doi.org/10.17504/protocols.io.r89d9z6

External link: <https://doi.org/10.1371/journal.pbio.2000862>

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Manuscript citation:

Leitão-Gonçalves R, Carvalho-Santos Z, Francisco AP, Fioreze GT, Anjos M, Baltazar C, Elias AP, Itskov PM, Piper MDW, Ribeiro C (2017) Commensal bacteria and essential amino acids control food choice behavior and reproduction. PLoS Biol 15(4): e2000862. doi:10.1371/journal.pbio.2000862

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Protocol status: Working

We use this protocol and it's working



Created: July 31, 2018

Last Modified: July 31, 2018

Collection Integer ID: 14337

Keywords: Drosophila, holidic medium, axenic, gnotobiotic, feeding behavior, feeding decisions, microbiota, diet, nutrients, commensals

Abstract

This is a collection of methods and protocols from the manuscript: **Gonçalves et al. Commensal bacteria and essential amino acids control food choice behavior and reproduction. Plos Biology. 2017 Apr 18.**



Files

Protocol

NAME

**Growing Drosophila gut bacteria**

VERSION 1

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NAME

Holidic media (HM) preparation

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**Inoculation of Holidic Media (HM) with bacteria to generate gnotobiotic Drosophila**

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