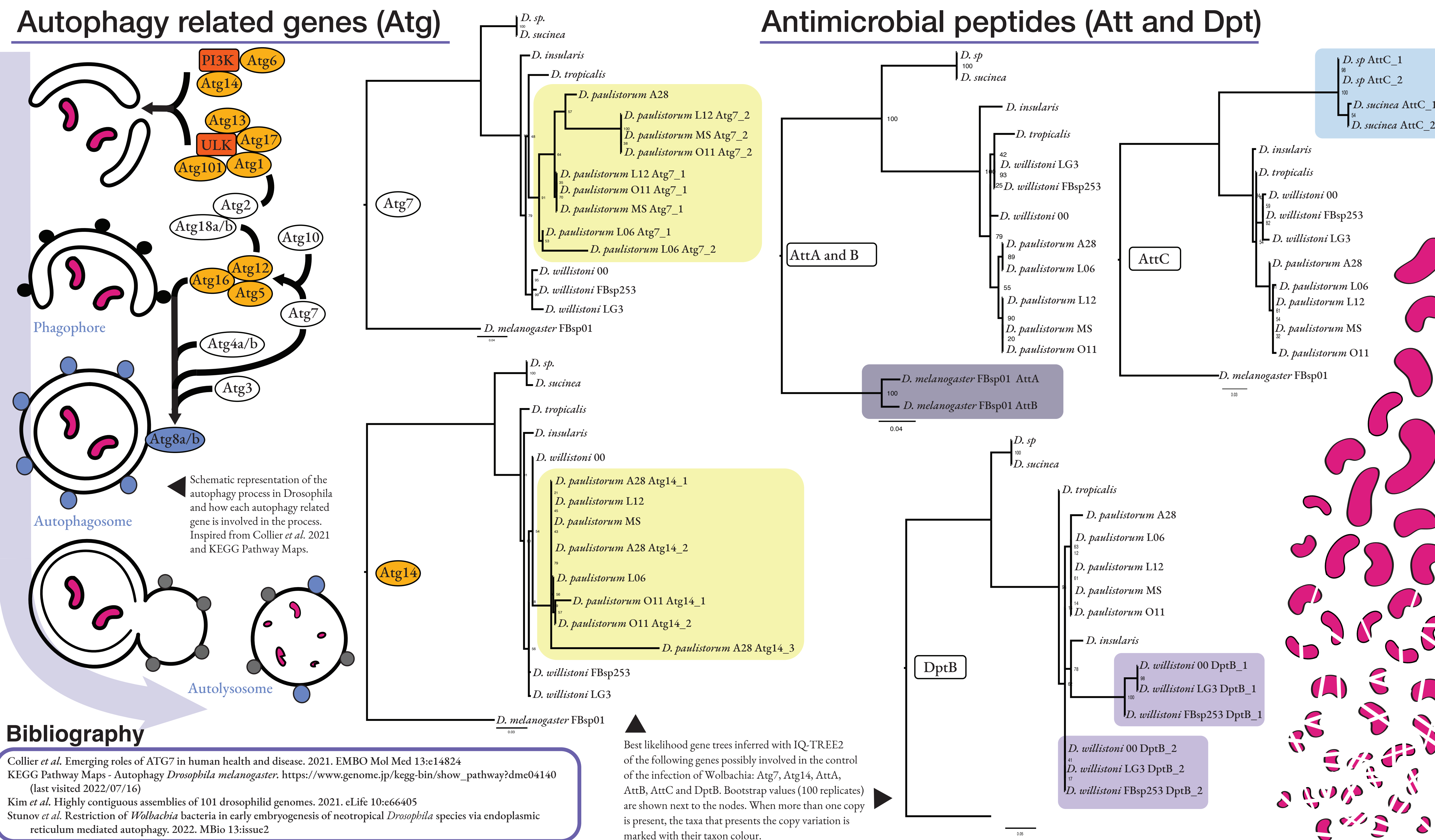
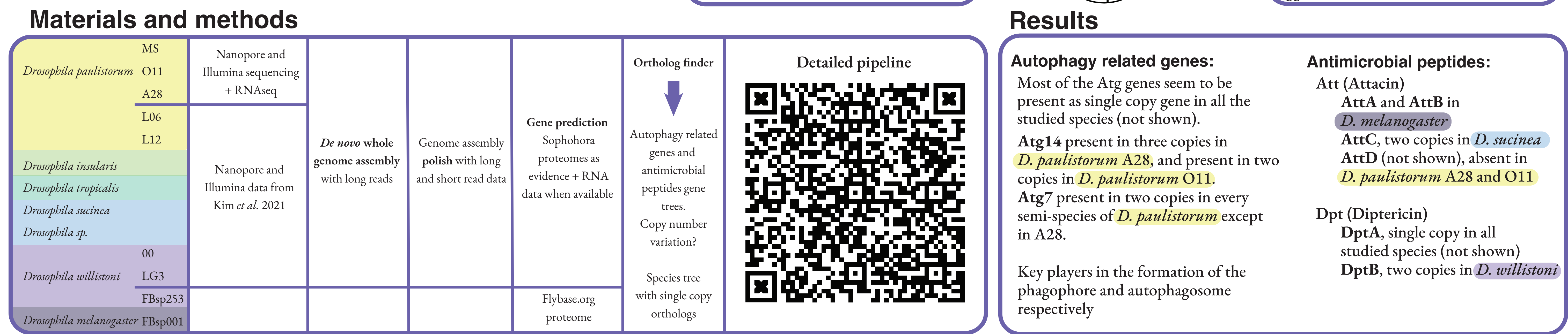
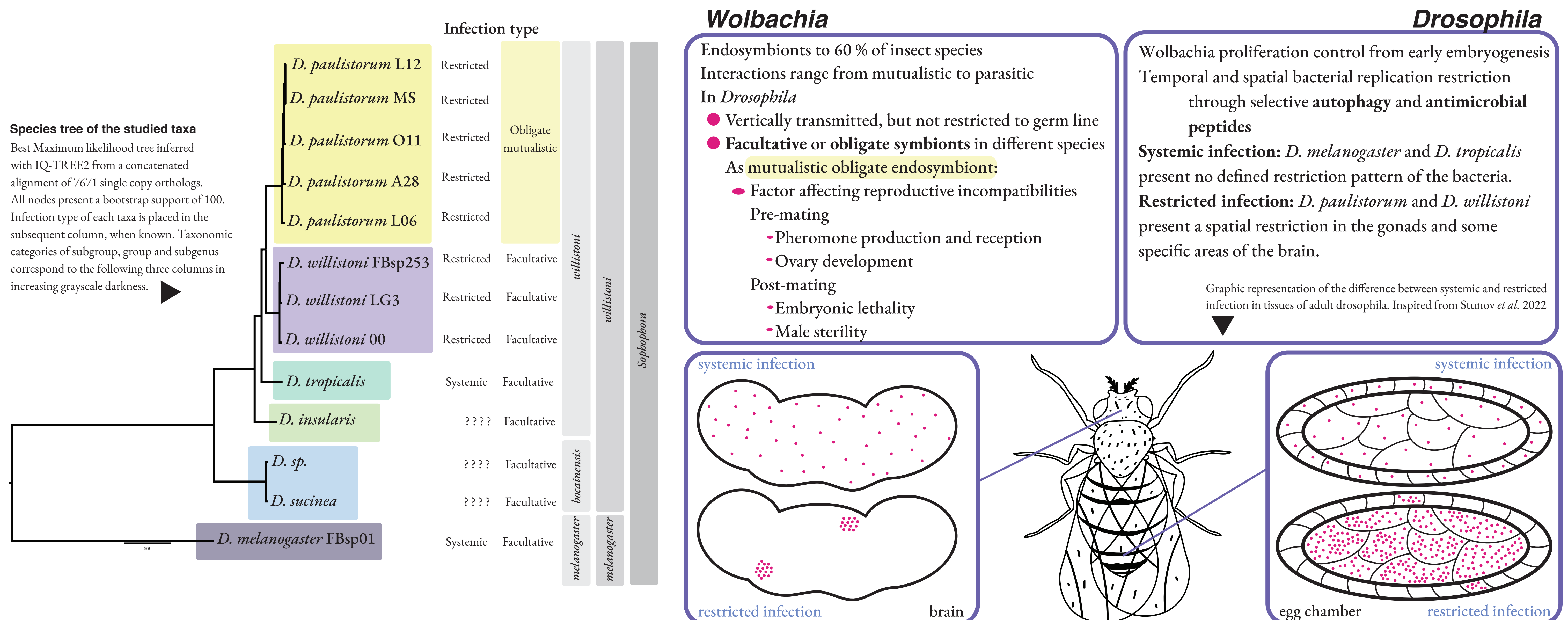




Cost-benefit equilibrium of an endosymbiosis: a comparative genomic study of the genetic components associated with *Wolbachia* infection in the *willistoni* group of *Drosophila*

Mercè Montoliu-Nerin¹, Konstantinos Papachristos¹, Wolfgang J Miller², Lisa Klasson¹

1. Molecular Evolution, Department of Cell and Molecular Biology, Science for Life Laboratory, Uppsala University, Uppsala, Sweden.
2. Lab Genome Dynamics, Department Cell & Developmental Biology, Center for Anatomy and Cell Biology, Medical University of Vienna, Medical University of Vienna, Vienna, Austria



Bibliography

Collier *et al.* Emerging roles of ATG7 in human health and disease. 2021. EMBO Mol Med 13:e14824
KEGG Pathway Maps - Autophagy *Drosophila melanogaster*. https://www.genome.jp/kegg-bin/show_pathway?dme04140 (last visited 2022/07/16)
Kim *et al.* Highly contiguous assemblies of 101 drosophilid genomes. 2021. eLife 10:e66405
Stunov *et al.* Restriction of *Wolbachia* bacteria in early embryogenesis of neotropical *Drosophila* species via endoplasmic reticulum mediated autophagy. 2022. MBio 13:issue2