‘Manual curation of Drosophila melanogaster in UniProtKB’

Drosophila melanogaster in UniProtKB

Drosophila melanogaster is a priority model organism for UniProt Knowledgebase (UniProtKB) manual curation. The Drosophila protein annotation program focuses on the manual curation of characterised Drosophila melanogaster proteins with experimental data from the scientific literature. UniProtKB provides a complete non-redundant proteome for Drosophila melanogaster based on the translation of the Drosophila melanogaster completely sequenced genome, which currently comprises 17,557 entries and which can be downloaded from the UniProt website. All Drosophila melanogaster entries are cross-referenced with FlyBase, the main database for Drosophila genetics and molecular biology, with which UniProtKB keeps close contact in order to ensure data consistency between both databases. In addition to melanogaster, 11 other Drosophila species are currently present in UniProtKB as complete proteome sets.