

Resource Summary Report

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FLYSNP

RRID:SCR_007663

Type: Tool

Proper Citation

FLYSNP (RRID:SCR_007663)

Resource Information

URL: <http://flysnp.imp.univie.ac.at>

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Description: This project aims to provide the information and technical resources to support high-throughput positional cloning in *Drosophila melanogaster*. These resources include a high-density genome-wide map of single nucleotide polymorphisms (SNPs), and inexpensive, high-throughput assays for SNP genotyping. The specific aims were as follows: 1. To establish a map of >2200 SNP marker loci in the *Drosophila* genome. These SNP markers have been identified in several commonly used genetic strains. The FlySNP project identified SNP markers within the sequenced, euchromatic regions of the X, 2nd and 3rd chromosomes. The average distance between SNPs is about 50 kb. 2. To establish robust, high-throughput assays for SNP genotyping. Assays have been established using PCR, microarray and mass-spectrometry methods. The tag-array mini-sequencing (TAMS) approach has proven to be an especially fast and reliable method for SNP genotyping.

Synonyms: FLYSNP

Resource Type: data or information resource, database

Keywords: drosophila melanogaster, drosophila snp, drosophila, drosophila clone

Resource Name: FLYSNP

Resource ID: SCR_007663

Alternate IDs: nif-0000-02847

Record Creation Time: 20220129T080243+0000

Record Last Update: 20260729T044209+0000

Ratings and Alerts

No rating or validation information has been found for FLYSNP.

No alerts have been found for FLYSNP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Iwanami N, et al. (2016) Rab6 Is Required for Multiple Apical Transport Pathways but Not the Basolateral Transport Pathway in Drosophila Photoreceptors. PLoS genetics, 12(2), e1005828.

Satoh T, et al. (2015) dPob/EMC is essential for biosynthesis of rhodopsin and other multi-pass membrane proteins in Drosophila photoreceptors. eLife, 4.