
Notice for depositing *Drosophila* strains Revised Edition

Kyoto Institute of Technology
Drosophila Genetic Resource Center
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We basically consider operating our *Drosophila* Genetic Resource Center as “An incubator for your laboratory” as stated in General Assembly of Japanese *Drosophila* Research Conferences held in Mishima in 2001, and in Tokyo in 2003. It is difficult to maintain manor strains required only for personal research, however, we would like to focus on significant strains such as versatile and efficient strains or mutants of new genes. In fact, our center received various strains from individual research institutions and researchers so far. We would like to make continued effort to maintain strains into the future.

If you would like to deposit any strains, please contact us at jpn-fly@kit.jp.

There is condition to accept strains as follows:

- They should be new mutants.
- They should be efficient strains which are newly developed.
- In respects of transgenic strain, their construct and base sequence should be provided.
- They should be quoted in academic papers.
- There is no restriction for distribution of strains to any researchers.
- Careful examination is required for the number of transgenic strains and choice for multiple allele and identical construct strains.

NOTE: Even though our center has limited capacity for maintaining strains, our basic principle is to keep strains as much as possible. Please note that receptive strains are subject to change in accordance with the number of distribution.

NOTE: In respect of deposit to our center, in the case where MTA (Material Transfer Agreement) is required, we would like to individually deal with it.

Please note the following reminder for distribution of strains:

- Statement of genotype: It is required to state the genotype of each strain. For, the strain list is based on genotype. As our stocks conform to nomenclature of FlyBase in consideration for disclosure, please refer to the following website:
<http://flybase.bio.indiana.edu/docs/nomenclature/lk/nomenclature.html>
- Allele: In the case where the name of allele is not stated in the strain list, please verify carefully. For instance, if only “w” is written down, please check if it is w[1] or not. If it is unknown, it should be described as w[*].
- Bibliography: Please notify bibliography in order to clarify the strain information and place of origin.
- Information of insertion site: It is essential for transgenic strains.

- Additional information: It would be convenient for users if details of expression pattern and allele are provided.
- Quarantine: Our center pays special attention to occurrence prevention of mites and fungi. Please make sure no strains are infected when you deposit. Moreover, we carry out strict inspection when we receive strains, which will take more time before we disclose and distribute strains.



Principle regarding maintenance, management and distribution of strains

Drosophila Genetic Resource Center constitutes the core of National BioResource Project (NBRP) “Drosophila” and carries out maintenance, management and distribution of Drosophila. NBRP “Drosophila” steering committee is in charge of deliberation concerning the outline of strains. For more detail, please refer to minutes of steering committee at http://www.dgrc.kit.ac.jp/jp/fr13_nbr.html.

If you have any comments, please contact members of the commission. We can make an improvement based on Drosophila community’s feedbacks.

Our center does not make provision for depositing stocks at this moment. There are two reasons for that. For one reason, researchers are relatively free to share stocks each other, and another is that it is essential for promotion of fundamental research to establish easy procurement system. Recognizing those situations, our center plans to consider an appropriate response.

Sub-institutes of NBRP “Drosophila” are in charge of the stocks introduced below. If you have any inquiries, please contact the person in charge in each sub-institute.

Mutant of *Drosophila melanogaster* and RNAi strains: <http://kyotofly.kit.jp/NP-RNAi/>
Genetic Strains Research Center, National Institute of Genetics (Ryu UEDA: rueda@lab.nig.ac.jp)

Drosophila strains in Japan including *Drosophila melanogaster* wild type: <http://kyotofly.kit.ac.jp/jspecies/>
Department of Earth Sciences, Faculty of Science, Ehime University
(Masayoshi WATADA: watada@sci.ehime-u.ac.jp)

Mutant strains of allied species: <http://kyotofly.kit.jp/species-mutant/>
School of Medicine, Kyorin University (Muneo MATSUDA: matsudam@kyorin-u.ac.jp)

