

GUIDELINES FOR GENETICS AND NOMENCLATURE OF MICE IN CAMPUS BREEDING COLONIES

Investigators and their research staff who produce rodents in university animal facilities should be familiar with basic concepts of rodent breeding systems, pedigree record keeping, and standard nomenclature to insure the heterogeneity of outbred colonies and to minimize genetic contamination and drift in inbred colonies. This helps assure that accurate information on animal strains is reported in scientific literature which promotes standardization of research data from multiple institutions

Several publications and websites are available that provide additional information on this topic. International committees on standardized nomenclature have published rules that allow accurate identification of animals by strain, substrain, and mutations when describing them in scientific literature.

Investigators and animal care technicians who manage rodent breeding colonies at UIUC should review and become familiar with information provided at the following websites:

- <http://www.informatics.jax.org/mgihome/nomen/>
- <http://jaxmice.jax.org/support/nomenclature/index.html>