

Mouse Genetics Shared Research Facility Embryo Rederivation Request Form

Complete Sections I and II only.

I. INVESTIGATOR INFORMATION.

Principal Investigator _____ Date _____
Contact Person _____ Phone _____
Department _____ Email _____
Fund # _____ GCO # _____ Fax _____

Approved protocol must specifically include the animals to be produced under this request. This information is subject to verification with the Institutional Animal Care and Use Committee (IACUC).

Assurances. I am aware of the current charges assessed by the Mouse Genetics Shared Research Facility for the services requested below. I have read the IACUC guidelines for the production and use of transgenic and knockout mice, and I will notify the IACUC of any unexpected phenotypes which might arise during the course of our studies of the animals produced by the Shared Research Facility.

Principal Investigator _____ Date _____

II. EMBRYO REDERIVATION INFORMATION.

Mouse line name _____
Background strain for redervation _____
Location of line to be rederived _____
Number of males available for redervation _____

III. SPECIAL INSTRUCTIONS.

A minimum of 5-6 males must be available for embryo redervation of a line onto either C57Bl/6, FVB/N, or F1 hybrid strains. The males must be between 3-10 months of age to optimize the redervation efforts, and they must be individually housed for at least a week prior to mating with superovulated wild-type females.

In some instances, additional males may be required. This is especially true for redervation of lines whose background must be maintained on certain inbred strains, such as 129/Sv or Balb/c, which are very inefficient for embryo redervation. **As outlined on the MGSRF website, the use of strains other than C57Bl/6, FVB/N, or F1 hybrids will result in an additional surcharge for the redervation.**

Some investigators may request redervations using females provided from their research colony. This is typically done in the case where breeding with wild-type females is undesirable for maintaining certain genetic markers. An example of this is a line of double knockouts. **Embryo redervations using investigator provided transgenic or knockout females may not work, and the MGSRF will still assess the standard fee even if the redervation attempts fail.**

IV. SHARED RESEARCH FACILITY USE ONLY.

Date Submitted _____ Procedure Date _____
of pups at weaning _____
Redervation fee \$ _____ Surcharge fee \$ _____
Total billed \$ _____ Date bill submitted _____