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 rederivation __________________
Location of line to be rederived _______________________
Number of males available for rederivation ____________

III. SPECIAL INSTRUCTIONS.

A minimum of 5-6 males must be available for embryo rederivation 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 rederivation 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 rederivation of lines whose background must be maintained on certain inbred strains, such as 129/Sv or Balb/c, which are very inefficient for embryo rederivation. 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 rederivation.

Some investigators may request rederivations 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 rederivations using investigator provided transgenic or knockout females may not work, and the MGSRF will still assess the standard fee even if the rederivation attempts fail.

IV. SHARED RESEARCH FACILITY USE ONLY.

Date Submitted __________________ Procedure Date __________________
# of pups at weaning __________________________
Rederivation fee $ __________________________ Surcharge fee $ __________________
Total billed $ __________________________ Date bill submitted __________________