

Mouse Genetics Core Embryo Cryopreservation Request Form

PI: _____

Strain name: _____

Contact person: _____

Contact person info:

phone #1: _____ phone #2: _____

FAX: _____ pager/cell: _____

Email: _____

Date Submitted: _____

SERVICE DESCRIPTION: Embryos at the morula stage will be frozen for maintenance in liquid nitrogen. The investigator will provide five to ten fertile males of the desired genotype. These animals will be mated to wild-type females, which will be sacrificed for embryo harvest. Between two and three hundred embryos will be frozen if breeding stock permits, and a test thaw and implantation of fifty embryos will be done to verify that the strain can be recovered. The frozen embryos in straws will be returned to the investigator or maintained at the MGC for a nominal fee (or both). Mouse strains available for breeding stock are FVB/N (inbred), C57Bl6 or C57Bl/6xCBA (hybrid). Other strains can be used if advance arrangements are made. Special requests are welcome.

Contact [Mia Wallace](#) (314) 747-4554 after completing this form. We will arrange transfer of the animals to the Mouse Genetics Core animal rooms, and review the details of the genetics. All facility services are performed in the order received and kept confidential.

Please fill out the information on the following pages. If you have any special circumstances or requirements, such as a detrimental phenotype or limited breeding stock, please contact us to discuss the possibilities.

ANIMAL STUDIES COMMITTEE APPROVAL NUMBER: The Mouse Genetics Core has Animal Studies Committee approval for the cryopreservation process. You must provide a separate approval number for your specific project involving cryopreservation.

ASC# _____ PI _____

BACKGROUND: A brief description of the genetics of the strain to be frozen comprehensible to those outside the field, including induced mutations, strain background, phenotype, and mating behavior.

BREEDING SCHEME: If you are providing males from the strain to be preserved to be mated with commercially available females for embryo production, which strain females should be used?

C57BL/6	B6/CBA	FVB	Other _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If another breeding scheme is to be utilized, please provide a scheme by which we may harvest the appropriate embryos. Note that inbred lines of mice may average as little as five embryos per female at harvest.

ANIMALS TO BE TRANSFERRED: List the precise animals to be transferred, including sex, genotype, and age.

BILLING INFORMATION

PI: _____

Department/Division & Dept. # _____

PI signature: _____

Bill to fund (number)*: _____

Accounting contact (name): _____

- Investigators receiving support from dedicated grants, please check the appropriate box below. Subsidy cannot be guaranteed without this documentation BEFORE service is performed. Additional forms for [DDRCC](#) and [DRTC](#) investigators are required for subsidy.

DDRCC

DRTC