

Mouse Genetics Core Cryopreservation Request Form

Embryo Cryo

Sperm Cryo

PI: _____

Strain name: _____

Contact person: _____

Contact person info:

phone #1: _____ phone #2: _____

FAX: _____ pager/cell: _____

Email: _____

Date Submitted: _____

SERVICE DESCRIPTION: Sperm will be frozen for maintenance in liquid nitrogen. The investigator will provide two males of the desired genotype that are less than 6 months of age and proven breeders. One straw will be subsequently thawed and used for an *in vitro* fertilization experiment to determine thaw and fertilization efficiency. Mouse strains available for the IVF thaw experiment are FVB/N, C57Bl6 or C57Bl/6xCBA (hybrid). Other strains can be used if advance arrangements are made. Special requests are welcome. Sperm will be frozen into multiple storage straws under liquid Nitrogen. Embryo Cryopreservation is available upon request.

Please email this form to [Mia Wallace](#) (314) 747-4554 after completion and submit a DCM animal transfer form to move the males to the MGC facility. Check with Mia for a room number. All facility services are performed in the order received and kept confidential.

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# _____ Expiration: _____ 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 FOR FREEZING : List the precise animals to be transferred, including animal number sex, genotype, and DOB.

BILLING INFORMATION

PI: _____

Department/Division & Dept. # _____

Bill to fund (number)*: _____

Accounting contact (name): _____