



Gene Targeting & Transgenic Facility

DNA Pronuclear Microinjection Request Form For External Users

PI Name _____ Date received _____

Address: _____

City _____ State _____ Zip code _____

Email _____

Phone _____ Fax _____

Project title _____

NIH-Agency award # _____

ACC# and protocol title _____

Transgene construct name _____ Strain of mouse to be injected _____

Total Amount of DNA _____ μg (**minimum 60 μg**) Concentration _____ $\mu\text{g}/\mu\text{l}$

Construct DNA Purification method _____

Size of construct _____ kb Size of insert _____ kb (*Please attach a map of the construct*)

Restriction enzyme(s) used to isolate the insert: _____

(*Attach a **gel photo** indicating the band of interest.*)

Strategy for genotyping: PCR Southern blot dot blot other _____

Attach photo documentation of your genotyping method.

Genotyping will be done by: PI GTTF

Phenotype expected:

Is the expression of the transgene embryonic lethal? _____

Known or anticipated effect of transgene: (Please include any effects it may have on the physiology of the animals as well as special husbandry requirements)

References for the function of the transgene:

Detailed explanation of construct purpose:

NOTE: The GTTF will guarantee 3 positive transgenic mice by approved genotyping methods OR 50 pups, whichever comes first. Transgenic status refers only to DNA integration. The GTTF cannot guarantee expression of an RNA or protein product from the integrated DNA, or copy number.

Signature of Principal Investigator _____ Date _____

Note: A Purchase order must accompany request.

Please complete this form and return it with the construct DNA to:

Gene Targeting and Transgenic Facility
University of Connecticut Health Center
Room EB010 MC 3001
263 Farmington Avenue, Farmington, CT 06030
Phone: 860-679-4032
Fax: 860-679-1846
Email: gttf@uchc.edu
Web: <http://gttf.uchc.edu/>

Checklist:

1. Completed request form
2. A copy of your animal care protocol
3. Map of the construct
4. Photo of a gel
5. Protocol and a photo of genotyping method
6. Construct DNA (minimum 60 .g)
7. Purchase order