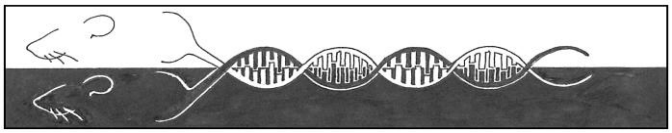
UTHealth The University of Texas Health Science Center at Houston | McGovern Medical School | The Brown Foundation Institute of Molecular Medicine

Transgenic and Stem Cells Service Unit



TRANSGENIC SERVICE REQUEST

Date _____

Principal Investigator's Name_____

Name of Person Conducting Experiment _____

Department _____

Institution _____

Lab Contact _____ Lab Contact E-Mail _____

Lab Contact Telephone _____

Billing Contact _____ Billing Contact E-Mail _____

Billing Telephone _____ Billing Fax _____

Billing Address _____

_____

Gene Name _____ IMM Abbreviated Name _____

Agent characteristics (*gene function*): _____

Expression of foreign gene/ protein produced: _____

Are there any toxic molecules or oncogenes produced: Yes____ No____

Method Used to Purify DNA *(e.g. Gene Clean)* _____

Type of Service: Transgenic Line ___ Transient Transgenics ___ Mouse Strain _____

PO (or account # for UTHealth) for project: _____

Acknowledgements:
By signing this form, the principal investigator agrees to acknowledge the Transgenic and Stem Cells Service Unit in any publication that describes the genetically-engineered mice (e.g. Transgenic mice were generated at the University of Texas Health Science Center- Houston, Transgenic and Stem Cells Service Unit. We wish to thank Dr. Eva Zsigmond and Aleksey Domozhirov for their technical expertise in generating the mice.).

Principal Investigator's signature _____ Date_____

Dr. Zsigmond's signature _____ Date_____

INSTRUCTIONS

Shipment of DNA and Forms

Fill form out and fax or mail it with the DNA construct to:

University of Texas Health Science Center- Houston
The Brown Foundation Institute of Molecular Medicine,
Transgenic and Stem Cells Service Unit
c/o Aleksey Domozhirov
1825 Pressler Street, Suite 611, Houston, TX 77030
Telephone: (713) 500-2452 **Fax:** (713) 500-2208 **E-Mail:** transgenic@uth.tmc.edu

DNA Preparation

The requirements for an acceptable linearized DNA preparation are:
(1) 260/280 of 1.7 to 2.0
(2) Concentration of 0.1 to 0.2 micrograms/microliter
(3) Volume of 50 to 70 microliters

Mouse Strain

Specify mouse strain needed as background strain. The standard mouse strain is C57BL/6.

Type of Service

Select "Transgenic Line" or "Transient Transgenics".
Transient transgenics are made when the investigator wishes to examine the offspring prior to birth for developmental studies, or if there is embryonic lethality.

Table: Please fill out the first line only.

Method	Dilution	O.D. 260	O.D. 280	260/280	DNA concentration

Picture**:** Please run 1-2 microliters of the DNA construct on a gel next to a molecular weight marker.

Place Picture Here