

Gene Manipulation and Genome Editing Core Facility Service Request

- Step 1** All required fields of this form need to be completed before return electronically
Step 2 Understand that all quoted service fees are good faith estimates for requested services. The final cost will be determined upon completion of service.
Step 3 Email form to transgenicmouse@childrens.harvard.edu and Mantu.Bhaumik@childrens.harvard.edu

Service Selection

Transgenic DNA Injection

Transgenic Step 1		Step 2	
Plasmid DNA	BAC DNA	Size	(KB)
		or	

CRISPR Injection

CRISPR Step 1	Step 2	Step 3
Pronuclear Injection Cas9 Protein Cas9 mRNA # Sessions	Multiplex gRNA # of gRNA gRNA Name(s)	Donor (D) # donors Double strand Size (KB)
Cytoplasmic Injection Cas9 Protein Cas9 mRNA # Sessions	Single gRNA IVT Synthetic	Single strand Size

Service Information

Name of Gene		Name of Construct			
Construct tried before?	Yes	No	Results		
Donor Strain: C57	Other:				
FVB	Specific hybrid strain				
Mutant strain	Transient expt	Tail biopsy for DNA prep:		Fresh	Frozen
Embryo harvest gestation dpc					
Source of construct DNA	Human	Mouse	Rat	Other	

Approvals

IACUC Protocol #	Date approved
IBC approval #	Date approved

Review - Part 1

All quoted service fees are good faith estimates for requested services. Final cost will be determined upon completion of service

PI Signature

Principal Investigator Information

Affiliation	IDDRC	BCH	HMS	Other
Name				Dept.
Phone				Email

Requestor Information

Name				Dept.
Phone				Email
Emergency Phone Number				Secondary

Billing Information

All quoted service fees are good faith estimates for requested services. Final cost will be determined upon completion of service.

Manager Name	Notes
Manager Email	
Manager Phone #	

BCH or affiliate cost center # is available	Cost center #
Grant #	Expiration date

Cost center is not available	Purchase Order (PO#)
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Service agreement for Plasmid, BAC, CRISPR microinjection

1. The Gene Manipulation Core (GMC) does not guarantee expression of a transgene, copy number integration and transmission to the next generation.
2. After two sessions of microinjection if a construct fails to generate founders a meeting will be initiated to evaluate potential problems of a specific transgenic construct or CRISPR.
3. The investigator must agree to pay material cost if a specific DNA construct or CRISPR fails to generate founders after two sessions of microinjection.
4. The investigator must provide screening results of the pups derived from microinjection of a construct within 10 days from the receipt of tail biopsy provided by the GMC staff between postnatal days 8-10.
5. The investigator must agree to provide documentation of all potential founders. Upon receipt of the results all mice will be handed over to the investigator.
6. Mice generated from a construct will be weaned at day 21. If genotyping results are not available at the time of weaning, the colony will be housed for additional charges.
7. The investigator decides the strain of mice to be used for microinjection. The service charge will depend on degree of difficulty and number of injection sessions required to generate founders in a specific strain of mice.
8. It is agreed between the investigator and GMC that any research papers, publications, grants, etc. arising from the generation of mice by the Gene Manipulation Core will include appropriate acknowledgement of this service.

Name of genes

Ref No. [Generate Ref No.](#)

Notes:

Signature of the Principal Investigator (PI)

Signature of PI Authorized Investigator

[Reset](#)

[Click to check required items before emailing](#)

[Send completed PDF to transgenicmouse@childrens.harvard.edu](mailto:transgenicmouse@childrens.harvard.edu) and Mantu.Bhaumik@childrens.harvard.edu