

# REQUEST FOR TRANSGENIC MOUSE SERVICES

Please acknowledge NIH  
P30 CA023100 and  
P30 DK063491

Date Service Requested: \_\_\_\_\_

Principle Investigator:		PI Email:	
Lab Contact:		Contact Email:	
Mail Code:		Department:	
Lab Contact Phone:		NIH grant #:	
Chartstring: Project, Task, Funding Source		Destination Vivarium:	
Animal Protocol # (or Veterinary contact if non-UCSD and phone number)		Biohazards Use Authorization # (or IBC contact if non- UCSD)	
<b>Transgenic Mice</b>		<b>CRISPR Mice</b>	
<b>CRISPR Consultation</b>			
Strain to be used:		Inbred C57BL/6NHsd (Inotiv, formerly Envigo/Harlan) Special order	
Size of linear DNA:			
Name of construct:			
Name of protein expressed if applicable:			
Oncogene?	Yes	No	Toxic gene?
			Yes
			No
DNA produce virus or prion?		Yes	No
<b>Embryonic Stem Cell Gene Targeting</b>			
Name of target vector:			
Name of protein expressed if applicable:			
Oncogene?	Yes	No	Toxic gene?
			Yes
			No
DNA produce virus or prion?		Yes	No
<b>Blastocyst Injection</b>			
Construct name and clone identity:			
<b>Embryo Rederivation</b>		<b>Embryo Thawing</b>	
<b>IVF</b>			
Name of construct:			
Background strain to be used:			
Number of males available:			
<b>Embryo Freezing</b>		<b>Sperm Freezing</b>	
Strain of donor:			
Name of construct:			

**PI SIGNATURE:** \_\_\_\_\_

**PLEASE RETURN TO SANG LEE: SRL001@health.ucsd.edu, 858 822-2108**

**Lab Contact** \_\_\_\_\_ **Phone** \_\_\_\_\_

# REQUIRED INFORMATION FOR GENE TARGETING CONSTRUCTS

Name of Construct: \_\_\_\_\_

Gene Knocked Out: \_\_\_\_\_

Gene Knocked In: \_\_\_\_\_

Name of Vector used and Source: \_\_\_\_\_

Total size of Linearized Targeting Vector: \_\_\_\_\_

Size of Recombinant Fragment: \_\_\_\_\_

Isogenic Library: \_\_\_\_\_

Length of 5' homology in kb: \_\_\_\_\_

Length of 3' homology in kb: \_\_\_\_\_

Type of neo cassette: \_\_\_\_\_

# of probes: \_\_\_\_\_ ext./int.: \_\_\_\_\_

Length of Probe: \_\_\_\_\_

Difference in bp between  
Target and wt alleles: \_\_\_\_\_

Enzyme used for digest: \_\_\_\_\_

PCR Strategy: \_\_\_\_\_

Partial Proteins expected: \_\_\_\_\_

**PLEASE PROVIDE MAP**