

REQUEST FOR TRANSGENIC MOUSE SERVICES

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) | |
| Transgenic Mice | | CRISPR Mice | |
| Strain to be used: | | CB6F, hybrid Inbred C57Bl6 Special | |
| 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 |
| Embryonic Stem Cell Gene Targeting | | | |
| Name of target vector: | | | |
| Name of protein expressed if applicable: | | | |
| Oncogene? | Yes | No | Toxic gene? Yes No DNA produce virus or prion? Yes No |
| Blastocyst Injection | | | |
| Construct name and clone identity: | | | |
| Embryo Rederivation | | Embryo Thawing | |
| IVF | | | |
| Name of construct: | | | |
| Background strain to be used: | | | |
| Number of males available: | | | |
| Embryo Freezing | | Sperm Freezing | |
| Strain of donor: | | | |
| Name of construct: | | | |

PI SIGNATURE: _____

**PLEASE RETURN TO JUN ZHAO: juzhao@health.ucsd.edu, 858 822-3270
or 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