

INSTITUTIONAL ANIMAL CARE AND USE PROTOCOL APPLICATION**APPENDIX #4 – Breeding Procedures**

YOU ARE REQUIRED TO KEEP ACCURATE RECORDS OF THE NUMBER OF ANIMALS PRODUCED AND THEIR ULTIMATE DISPOSITION.

Breeding reports are due quarterly. All animals born, whether of desired genotype or not, are considered to be “used” on the breeding report. Please see the IACUC Guidelines for Counting Animals Used in Research & Justification for Animal Numbers for more information.

OVERVIEW

1. Title of Protocol:
2. Principal Investigator (PI):
Telephone:
Email:
3. Veterinarian:
Telephone:
Email:

IDENTIFICATION

4. Person Responsible for submitting monthly breeding reports:
Name:
Telephone:
Email:

PROCEDURE DETAILS

5. Justification for breeding:
Animals are not commercially available
In utero studies
Reproduction studies
Other (describe)

6. Will different strains of transgenic/knockout animals be interbred or crossbred?
No
Yes: If YES, further review by the Institutional Biosafety Committee may be required.

7. Will you be using a complicated breeding scheme?

No: If NO, complete the table below.

Strain 1	Strain 2	Desired offspring genotype	# Anticipated to be born- desired genotype	Additional offspring (<i>e.g.</i> <i>undesired</i> <i>genotype</i>)	Total number generated
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Yes: If YES, describe additional details.

8. How will you dispose of surplus animals?

Donate to:

Euthanize

Transfer to another protocol:

Other (describe):

9. Indicate the methods used to genotype offspring (check all that apply).

Tail Biopsy

Biopsies limited to mice ≤ 21 days old (no anesthesia or analgesia required)

Biopsies taken from mice > 21 days old (requires anesthesia/analgesia and a search for alternatives).

Toe Clip

Biopsies limited to mice ≤ 10 days old (no anesthesia or analgesia required)

Biopsies taken from mice > 10 days old (requires anesthesia/analgesia and a search for alternatives).

Other Tissue

Specify tissue to be biopsied and/or used for genotype determination:

Specify anesthesia/analgesia to be used:

10. Will this protocol involve the purchase and/or use of pregnant females?

No

Yes: If YES:

Will fetuses be manipulated in utero?

No

Yes

Will the dams be allowed to give birth to live pups?

No

Yes

11. Will this protocol involve the purchase and/or use of genetically modified animals?

No

Yes: If YES, complete the sections i, ii, iii, iv, & v.

i. Specify the DNA/transgene or gene to be altered:

ii. Specify the extent of gene disruption:

1. Global disruption

2. Tissue/organ specific: Specify the tissue/organ affected:

