

# MICE DATA SHEET

Please complete questionnaire as far as possible/applicable

## 1. Origin

Name of scientist: \_\_\_\_\_

Institute: \_\_\_\_\_

Phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_

If available Title of Invention Report/Project No: \_\_\_\_\_

## 2. Strain

### Mice strain

Genetic background: \_\_\_\_\_

Origin of strain: \_\_\_\_\_

Number of generations: \_\_\_\_\_

Is this strain inbred? Y  / N

### Method of engineering

Genetically engineered targeted mutation

Targeted gene: \_\_\_\_\_

ES cell line: \_\_\_\_\_

Were one of the following techniques used?

Cre-lox  FLP  Tet

Genetically engineered transgene

Transgene: \_\_\_\_\_

Promoter: \_\_\_\_\_

Founder Line: \_\_\_\_\_

Induced mutation (transgene insertion, gene trap, chemical, radiation)

Affected gene: \_\_\_\_\_

Method: \_\_\_\_\_

## 3. Phenotype

### Description of mutation

Recessive       Dominant       Semi-dominant

### Mutant Phenotype

Are homozygous mice viable? Y  / N

Are homozygous mice fertile? Y  / N

### Strain description (Phenotype/Appearance):

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## 4. Potential scientific value

What type of research is this strain useful for?

**Putative therapeutic areas:**

- |   |  |
|---|--|
| <input type="checkbox"/> Cardiovascular system      | <input type="checkbox"/> Obesity                             |
| <input type="checkbox"/> Cell biology               | <input type="checkbox"/> Other                               |
| <input type="checkbox"/> Dermatology                | <input type="checkbox"/> Musculoskeletal system              |
| <input type="checkbox"/> Developmental biology      | <input type="checkbox"/> Neurobiology/neurological disorders |
| <input type="checkbox"/> Endocrine system           | <input type="checkbox"/> Central nervous system              |
| <input type="checkbox"/> Genetic disorders          | <input type="checkbox"/> Peripheral nervous system           |
| <input type="checkbox"/> Hematology                 | <input type="checkbox"/> Cognition                           |
| <input type="checkbox"/> Immune system/inflammation | <input type="checkbox"/> Alzheimer´s disease                 |
| <input type="checkbox"/> Infections                 | <input type="checkbox"/> Parkinson´s disease                 |
| <input type="checkbox"/> Internal organs            | <input type="checkbox"/> Oncology                            |
| <input type="checkbox"/> Metabolic disorders        | <input type="checkbox"/> Reproductive system                 |
| <input type="checkbox"/> Diabetes type I            | <input type="checkbox"/> Sensory system                      |
| <input type="checkbox"/> Diabetes type II           | <input type="checkbox"/> Other: _____                        |

**Relevance of mice model for human disease (if possible with reasons):**

**Advantage of mouse model (compared to available strains):**

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## 5. Maintenance of the strain

What is your current breeding system: \_\_\_\_\_

(example: heterozygous \* homozygous)

Are there any special husbandry requirements:  Y /  N

Please specify: \_\_\_\_\_

Diet: \_\_\_\_\_

## 6. Mutant Identification

Do breeders require testing?  Y /  N

What type of testing?  PCR  Southernns  Other: \_\_\_\_\_

## 7. Health profile

Is there a regular health and genetic monitoring?  Y /  N

Please specify: \_\_\_\_\_

On which pathogens have the mice been checked?

Please specify: \_\_\_\_\_

Are animals reared under full barrier conditions?  Y /  N

Is animal bedding sterilized?  Y /  N

Are animal diets pasteurized?  Y /  N

## 8. Third party rights

This question refers to any rights of other parties. Such rights may be due to using mice/material exchanged under a Material Transfer Agreement or similar agreements. Alternatively the mice material may be covered by patent rights not owned by the institution.

Y  / N  Not known

Please specify: \_\_\_\_\_

## 9. Requests for mice

How many requests for these mice have you received so far: \_\_\_\_\_

By whom?: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 10. Will you be able to continue breeding the strain inhouse?

Please specify: \_\_\_\_\_

## 11. References/Literature

Please specify: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Thank you very much for completing this questionnaire!