

## MONITORING GENETICALLY MODIFIED MICE/RATS

### ***INDIVIDUAL OR GROUP POST-WEANING ANIMAL ASSESSMENT RECORD***

This is to be sent to the AEC as part of the Phenotype Report. (Use this sheet to make concise weekly monitoring records of group cages)

#### **MONITORING PROTOCOL**

- If an animal is found sick, dead or is culled, record date and reason. If morbidity/mortality rates are higher than expected for the wild type, the line should be monitored more closely (in consultation with animal technicians and AWO/veterinarian) to determine the cause of sickness/death and whether this can be prevented. Flag cage with an Orange Card and follow Animal Health Reporting SOP. The AEC must also be notified.
- Where **abnormalities** of any kind are continually observed, the cause of this should be investigated and the AWO/veterinarian and AEC notified. Orange Card the cage and follow the Animal Health Reporting SOP.
- The weighing of the animals is optional. **However, it is recommended that the mice are weighed at weaning (usually 21 days) and at 8 weeks to record any growth problems.**
- Animals are to be monitored daily by research investigators. **This monitoring assessment record should be made at least weekly (e.g at cage change) for a minimum of 12 weeks after weaning or arrival.**

AEC Breeding Approval#	Chief Investigator:	OGTR/IBC #:	Room:
Strain name:	Born:	Weaned:	Litter ID:
Cage ID:	Mouse ID/s:	Sex:	Genotype result:

Date	Age of Mice	Number of animals observed	Number of mice with welfare concern (Comment & <u>complete individual animal record sheet</u> )	Comments on any abnormality, ill-health or mortality observed.	Signature

# MONITORING GENETICALLY MODIFIED MICE/RATS

## INDIVIDUAL POST-WEANING ANIMAL ASSESSMENT RECORD

This is to be sent to the AEC as part of the Phenotype Report. (Use this sheet to make more detailed monitoring records of individuals with health/welfare concerns or abnormalities)

### MONITORING PROTOCOL

- If an animal is found sick, dead or is culled, record date and reason. If morbidity/mortality rates are higher than expected for the wild type, the line should be monitored more closely (in consultation with animal technicians and AWO/veterinarian) to determine the cause of sickness/death and whether this can be prevented. Flag cage with an Orange Card and follow Animal Health Reporting SOP. The AEC must also be notified.
- Where **abnormalities** of any kind are continually observed, the cause of this should be immediately investigated and the AWO/veterinarian and AEC notified. Orange Card the cage and follow Animal Health Reporting SOP.
- The weighing of the animals is optional. **However it is recommended that the mice are weighed at weaning (usually 21 days) and at 8 weeks to record any growth problems.**
- Animals are to be monitored daily by research investigators. This monitoring assessment record should be made at least weekly (or more frequently as indicated by the Total Score notes below) for 12 weeks after weaning or arrival.

AEC Breeding Approval#	Chief Investigator:	OGTR/IBC #:	Room:
Strain name:	Born:	Weaned:	Litter ID:
Cage ID:	Mouse ID:	Sex:	Genotype result:

INDIVIDUAL ASSESSMENT	Age:												
	Date:												
<b>NATURAL ACTIVITY</b>	Score												
Normal activity levels	0												
Lower or higher than normal activity levels *	1												
<b>POSTURE &amp; GAIT</b>													
Normal posture & gait	0												
Hunched/abnormal posture, limp, tremor etc.*	1												
<b>COAT CONDITION</b>													
Smooth coat	0												
Ruffled/hair loss/bites or scratches *	1												
<b>Body Weight</b>	(g)												
<b>GROWTH RATE</b>													
Normal	0												
Runted/Stunted*	1												
<b>APPEARANCE &amp; BEHAVIOUR</b>													
Normal development & behaviour	0												
Abnormal teeth/head shape/tumour/ prolapse/aggression/seizures/stereotypy etc.*	1												
<b>TOTAL SCORE**</b>													
<b>AVERAGE WEIGHT OF SAME SEX SIBLINGS (OPTIONAL)</b>													
<b>SIGN/INITIALS</b>													

Other Observations:

\* Seek appropriate advice (AWO/Vet /Animal Technician). \*\* Total Scores of 3 require the animal to be checked 3 times daily. Scores higher than 3 require Animal Welfare/Veterinary advice. Scores higher than 4 require euthanasia.