



<b>Internal Regulation Title</b>	Mouse Husbandry & Breeding Colony Maintenance				
<b>Date Last Revised</b>	09/14/2017	<b>Date Created</b>	01/28/2005	<b>Revision #</b>	
<b>Regulation Number</b>	11	<b>Required by:</b>	<input type="checkbox"/> OHRP <input type="checkbox"/> Funding Agency <input type="checkbox"/> OLAW		
<b>Applicability</b>	<input type="checkbox"/> RGC Internal		<input checked="" type="checkbox"/> Researcher	<input type="checkbox"/> Institutional	
<b>Subgroup</b>	<input type="checkbox"/> NKU Compliance	<input type="checkbox"/> IRB	<input checked="" type="checkbox"/> IACUC	<input type="checkbox"/> IBC	

### 1.0 PURPOSE

The purpose of this regulation is to describe mouse husbandry and breeding colony maintenance including housing limits and breeding colony standards.

### 2.0 GENERAL INFORMATION AND SOCPE

This regulation applies to all NKU mouse users. Refer to the NKU Internal Regulation #1 Rodent Cage Regulations and [Guide for the Care and Use of Laboratory Animals Eighth Edition](#) for guidelines on minimum standards for cage size.

If a Principal Investigator (PI) feels there is scientific justification for an exception to this policy, a written request signed by the PI should be submitted to the IACUC. Approval of the request for exception will be at the IACUC’s discretion.

### 3.0 DETAILS

- 4 adult mice or 2 adult mice plus 1 litter are permitted per cage. Adult is defined as 30 days of age or older. (See IR#1 Rodent Cate Regulations)
- For any litters, the cages will be tagged “TIME TO WEAN” when the litter is 21 days of age. The cages will be separated by 25 days of age.
- If breeding pairs are being maintained and a second litter is born, the older litter must be removed within one business day. The older litter may be housed in one cage and will then be subject to the weaning guidelines listed above.
- Harem breeding mice is defined as housing 1 male mouse and 2 or 3 female mice in one cage for breeding purposes. If harem breeding mice, only 2 adult mice and 1 litter may be housed in one cage. To prevent overcrowding, female mice must be housed individually or with one other mouse (male or non-pregnant female) when visibly pregnant. If the pregnant female mouse is housed with a male mouse, the housing is then subject to the breeding pair guidelines listed above.

### 4.0 REFERENCES

### 5.0 FORMS OR ATTACHMENTS

IR #1 (IACUC) Rodent Cage Regulations

## 6.0 DEFINITIONS

### Approvals

Title	Approved	Date Approved	Not Applicable
Manager of Research Compliance	<input checked="" type="checkbox"/>	11/01/2017	<input type="checkbox"/>
IACUC Chair	<input checked="" type="checkbox"/>	11/01/2017	<input type="checkbox"/>
Institutional Official	<input type="checkbox"/>		<input checked="" type="checkbox"/>

### Revisions

Title	Approved	Date Approved	N/A	Summary
Manager of Research Compliance	<input type="checkbox"/>		<input type="checkbox"/>	
IACUC Chair	<input type="checkbox"/>		<input type="checkbox"/>	
Institutional Official	<input type="checkbox"/>		<input type="checkbox"/>	