



TITLE: TAIL-TIPPING MICE FOR PCR GENOTYPING AND BLOOD COLLECTION

PURPOSE: To provide investigators with proper tail-tipping techniques.

REVIEW/REVISIONS: Permanent amendment/revisions to this policy must be presented to the IACUC for review before implementation and should be developed by the IACUC Office and/or IACUC membership.

EFFECTIVE DATE: 6/8/00; **Revised/Re-Approved:** 12/7/00, 12/6/01, 11/2/06, November 1, 2007

PERSON(S) RESPONSIBLE: All University Animal Care and Research personnel charged with conducting the procedure.

POLICY/PROCEDURES:

Anesthesia will not be required for tail-tipping under the following conditions:

- * Less than 1cm* of the intact tail has been, or is being, removed.
- * No more than 2 tail-tippings per animal.

In the event that the investigator has requested and been granted a IACUC exemption from this policy allowing more than 2 tail-tippings on an individual mouse and/or more than 1 cm of the tail to be removed, the investigator must then use anesthesia (topical or inhalation) for this procedure.

For anesthetized procedures, each tail-tipping should remove .5 cm or less.

JUSTIFICATION:

This policy is a composite of existing policies from other research institutions developed for the U of A to meet animal welfare criteria, the directives of AAALAC, and the current needs of investigators regarding the technique of tail-tipping (cutting off the distal end of a mouse tail for the purpose of genotyping).