

## **Tailing and Ear Punching**

1. At 3 weeks of age, mice will be ear punched and tailed by the Transgenic Core staff.
2. The Transgenic Core staff will e-mail the contact person for the project and the investigator to let them know when the tail samples are ready for pick-up.
3. Within the following 3 weeks, the investigator must let the Transgenic Core staff know which animals are positive for the gene of interest.
4. At 6 weeks of age, a non-transgenic littermate in each cage housing a transgenic animal will be used for a terminal serology bleed by the DAC staff. If a non-transgenic littermate is not available for genotyping purposes, a survival serology bleed will be done on a transgenic founder in each cage.
5. At 7 weeks of age, pending approval of the serology results by the DAC staff, the transgenic founders will be moved to the investigator's room for housing and mating.

## **Retailing**

If for whatever reason there is a failure to correctly genotype some or all of the pups after the Core provides tail samples to the investigator, the following applies:

1. The investigator should contact the Transgenic Core to confirm which animals need to be retailed and should list a reason as to why there was a failure to genotype.
2. The Transgenic Core staff will contact the DAC to get approval for the retailing procedure and complete a plan for which mice need to be retailed.
3. Once approved, the Transgenic Core staff will retail the appropriate animals and the investigator will be notified when the samples are ready to be picked up.
4. The investigator is responsible for a \$50.00 fee per cage for retailing.
5. If the investigator cannot confirm which animals are correctly genotyped within three weeks of the animals being retailed, the animals will be sacrificed.
6. If the investigator can correctly identify transgenic animals after retailing, a non-transgenic animal in each cage will be used for serology purposes. Once serology results have been approved by the DAC staff, the transgenic animals will be moved out to the investigator.