

This page describes the general operational policies of the VGER.

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## Priorities

Priority is given to Vanderbilt Investigators who are members of one or more of the Research Centers that provide financial or other tangible support for this facility. This includes the Vanderbilt-Ingram Cancer Center, the Vanderbilt Diabetes Center, and the Center for Stem Cell Biology. Use by investigators who are not a member of one or more of these centers will be accommodated to the extent possible. In the event that demand for services exceeds the capacity to deliver them, the Manager will determine a schedule that is maximally efficient. Experiments will not be scheduled prior to receiving the appropriate completed service forms, and review and approval by the director of this resource.

## IACUC Approval

The investigator must provide current approval and protocol number for housing of mice by the Institutional Animal Care and Use Committee (IACUC). Charges incurred for housing mice is the responsibility of the PI. The PI is responsible for providing correct nomenclature for naming the mice generated by this Resource. The PI is also responsible for having an approved IACUC protocol for any terminal procedures such as the harvesting of embryos. The VGER cannot initiate any services without a valid animal protocol number.

## Confidentiality

The Vanderbilt Genome Editing Resource will perform all experiments in a confidential manner. The general nature of the construct may be described in grant applications and other reports that describe the overall progress of this resource. The DNA sequence of targeting vectors and transgenes will become publicly accessible after publication of the mice or ESCs. The PI will be responsible for the distribution all mice and ESCs. Correctly targeted mESCs that give germline transmission will be retained by this Shared Resource for five years after which they may either be destroyed, or placed in a repository.

## Documentation

The PI is responsible for the accurate and complete documentation of all DNAs provided to this Resource. DNA sequences for all transgenes and targeting vectors must be provided in a GenBank (.gb) format that includes annotation of all key features of the transgene or vector. Experiments will not be performed if either the digital or physical documentation of a required material is judged to be inadequate. This material will be entered into a database and will be treated as confidential information as previously described.

## Acknowledgments

Use of this Resource should be acknowledged in all publications. The Cancer Center Support Grant (CA68485), the Vanderbilt Diabetes Research and Training Center (DK020593), and/or the Center for Stem Cell Biology should be cited unless prohibited by the editorial policy of the journal.

## Technology Transfer

The VCSCB, through its oversight and management of the Vanderbilt Genome Editing Resource, has invested intellectual effort into many if not all of the services offered. Thus, the VCSCB shall seek to receive an appropriate share of the funds arising from the licensing of either mice or ESCs generated through the use of this resource.