Cornell University
College of Veterinary Medicine

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Stem Cell and Transgenics Core
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ES Cell Microinjection

Description: The Core will injecting up to 2 different clonal mouse embryonic stem cell lines into host embryos and transfer them into psuedopregnant females to produce chimeric animals. A minimum of 36 embryos will be injected and transferred for each line. This service includes culture and expansion of the ES cell lines, which will be delivered to the core by the user. Any chimeras generated by the core will be housed until wean age (3 weeks) and then transferred to the user's animal room and protocol. The core can also provide control animals for mating with chimeras to test for germline transmission.

The turn-around time from receipt of ES cells to transfer of chimeras to the customer is approximately 8-10 weeks, though it may take longer if additional required screening of the cells needs to be performed by the core, such as karyotyping (highly recommended) or mycoplasma screening. Please contact the core via telephone or email to schedule a meeting to discuss the details of your project.

Price: $1600