



Cornell University
College of Veterinary Medicine

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iPS Core Laboratory
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Chimera Generation – ES Cell Microinjection

Description: The iPS core will perform 2 rounds of microinjection, injecting up to 4 different mouse embryonic stem cell clonal lines, provided by the customer, into host embryos and transferring them into pseudopregnant females to produce chimeric animals. This service includes culture and expansion of ES cell lines to a suitable stock for microinjection, required animals and their housing, and housing for any chimeras that are born until wean age. On average, 20-40 embryos will be injected and transferred during each round of injections. Assuming the injections are successful, the turn-around time from receipt of ES cells to transfer of chimeras to the customer is approximately 7-8 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