

Service Agreement for Generation of Transgenic and Chimeric animals

Terms and Conditions:

1. The investigator must have an open TCP service account containing all billing information and is required to submit the service request. Payment is due within thirty (30) days of receipt of the invoice.
2. The investigator will provide the information on the DNA construct or ES cell lines and must communicate the necessary precautions that may warrant the changes in the Biosafety Containment Level.
3. The investigator is responsible for the preparation of the purified transgenic construct for Pronuclear Microinjection at the required concentration, following the protocols provided by the TG Core. Documentation of the fragment preparation, evidence of an established protocol for identifying transgenic founders must be provided to the TG Core at the time of the service request submission.
4. The investigator must provide evidence of ES cells pathogen screening if the cells have not originated from an approved Toronto ES cell facility. The ES cell clone has to be submitted on the day of the experiment as a cell clumps suspension following the TG Core protocols or as a frozen vial for recovery on suggested surface.
5. The service fee schedule posted on the TCP web site (<http://www.phenogenomics.ca/transgenics/fees.html>) will be applied accordingly and is subject to change. The posted fees do not cover: Animal Housing (per diem), Health Monitoring and Export/Shipping charges.
6. The fee charged is levied per attempt. An attempt is defined as the following minimum numbers of microinjected or aggregated viable embryos transferred into recipients:
 - o 100 microinjected zygotes (ICR, FVB/N or B6 x B6D2F1)*
 - o 70 microinjected blastocysts or morula (C57BL/6 embryos for 129 ES cells)**
 - o 45 microinjected blastocysts or morula (ICR embryos for other types of stem cells)
 - o 160 aggregated diploid embryos
 - o 70 aggregated tetraploid embryos

*Provided that the DNA fragment has been prepared in the recommended manner, does not contain toxic contaminants, and was quantified accurately, one round of microinjection should produce transgenic founders (defined as an animal containing full or partial transgene). If none of the generated animals is positive for the transgene, a second round of microinjections is performed upon discussion with the investigator, a check of screening protocols and potential new preparation of the DNA. A new round of microinjections will require a submission of a NEW service request.

**This minimum number of injected embryos can be guaranteed ONLY when ES cell are prepared by the Transgenic Core (separate service request submission is required).
7. We do not guarantee the expression of the transgene, germline transmission, and the number of ES cell-derived embryos or chimeras and their germline capacity.
8. *Cancellation Policy:* 10 business days advance notice is required to cancel the scheduled experiment. If shorter notice is given and no replacement can be found, 50% of the full charge will be applied.
9. The investigator hereby agrees that any scientific publications involving generated animals hereunder shall acknowledge the TCP Transgenic Core Facility as the source and provide copies of all such publications to the Facility.
10. The TG Core agrees to perform the transgenic and chimeric production services in accordance with high technical and professional standards, but does not promise success in achieving any desired result. The TG Core gives no warranty of fitness for a particular purpose, or any other warranty, express or implied, on the results of such services. The TG Core shall not be liable to investigator for any direct, consequential or any other damage suffered by investigator or any third party for any loss, claim or demand made by investigator, or made against investigator by any other party, relating to the transgenic and/ or chimeric animals produced under this Agreement.

The investigator understands and agrees to the terms and conditions outlined above.