

**Fees of TMM (Transgenic Core)
FY 2025 (07/01/2024-06/30/2025)**

SERVICE			
CRISPR Microinjections			
IBS Code	Service	Details	Price
<u>101KOC</u>	<u>KO (C57BL/6) Basic (Gene Targeting)</u>	<u>Microinjection or electroporation of 200-250 zygotes, and embryo transfer into fosters and generating at least 1 indel</u>	<u>\$5,000</u>
<u>101KOG</u>	<u>KO C57BL/6 Guaranteed rate</u>	<u>As above and generating 2 genotypically confirmed founders</u>	<u>\$6,550</u>
<u>101KIN</u>	<u>Simple KIN C57BL/6 (point mutation, SNP)</u>	<u>Microinjection or electroporation of 200-250 zygotes and embryo transfer into fosters and generating at least 1 indel</u>	<u>\$6000</u>
<u>101KIG</u>	<u>Simple KIN C57BL/6 (point mutation, SNP) Guaranteed rate</u>	<u>As above and generating 1 genotypically confirmed founders</u>	<u>\$7600</u>
<u>101CD</u>	<u>CRISPR gRNA</u>	<u>Design of 2 -4 gRNAs</u>	<u>\$220</u>
<u>101DD</u>	<u>CRISPR donor</u>	<u>Design single strand oligo DNA template for HDR</u>	<u>\$300</u>
Transgene Microinjections			
<u>101B</u>	<u>B6D2F1 hybrid</u>	<u>Microinjection of 250-300 zygotes and generating 30 live pups or 2-3 transgenic founders</u>	<u>\$4500</u>
<u>101B1</u>	<u>B6D2F1 hybrid One day of injection</u>	<u>Microinjection of 100-120 zygotes</u>	<u>\$2100</u>
<u>101C</u>	<u>C57BL/6</u>	<u>Microinjection of 250-300 zygotes and generating 30 live pups or 2-3 transgenic founders</u>	<u>\$5400</u>
<u>101C1</u>	<u>C57BL/6 One day of injection</u>	<u>Microinjection of 100-120 zygotes</u>	<u>\$2500</u>
ES Cell Gene Targeting			
<u>102</u>	<u>ES Cell Gene Targeting 129 ES cells</u>	<u>Electroporation of targeting vector into ES cells and of ES clones on four 96 well plates.</u>	<u>\$6150</u>
<u>102A</u>	<u>ES Cell Gene Targeting C57Bl6 ES cells</u>	<u>Electroporation of targeting vector into ES cells and picking of ES clones on four 96 well plates.</u>	<u>\$6350</u>

102A1	Expanding ES cell clones (1clone)	Expanding 1 positive ES cell clone from 96-well plate	\$600
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102B	Expansion of one vial of frozen ES cells and refreezing them	Expansion of one vial of frozen ES cells to 4-5 vials and refreezing them	\$540
102CDN	Generation of <i>De Novo</i> mutant ES cells	Generation of ES cells from mutant mouse line	\$2400

ES cell injection into Blastocysts /Chimeras

103A	1 clone into B6 blastocysts	Injection of ES cells into 80-100 C57Bl/6 blastocysts and generation of 15-20 pups	\$2800
103A1	One day of injection into B6 blastocysts	Injection of ES cells into 50 C57Bl/6 blastocysts	\$1800
103AB	1 clone into B6-albino blastocysts	Injection of ES cells of one clone into 80-100 C57Bl/6-albino blastocysts and generation of 15-20 pups	\$2800
103AB1	One day of injection into B6 -albino blastocysts	Injection of ES cells into 50 C57Bl/6 blastocysts	\$1870

Resuscitation/ Rederivation of mouse lines

104A	Resuscitation /Rederivation via Embryo Transfer	Production of guaranteed clean animals after embryo transfer	\$760
104A1	Resuscitation /Rederivation via frozen Embryo Transfer	Production of guaranteed clean animals after embryo transfer	\$650
104B	Resuscitation/Rederivation via IVF with thawed sperm	Production of guaranteed clean animals after IVF embryo transfer	\$1870

Cryopreservation of germplasm

110E	Cryopreservation of embryos	Freezing of 250-300 eight cell stage embryos	\$1870
110EQC	Quality control of frozen embryos	The generation of live 14 days old embryos by retransfer of thawed embryos into uterus of foster dam	\$230

110S	Cryopreservation of sperm	Freezing of 10 vials of sperm	\$600
110QC	Quality control of frozen sperm	One straw will be thawed and sperm quality will be evaluated visually	\$47

111	Cryo Storage of embryos/sperm	10-20 vials/straws, 1 line/year	\$120
111A	Cryo Storage of ES cells	10-15 vials, 1 line/year	\$120
111B	Cryo Storage of embryos/sperm or ES cells	Cryo Storage of embryos/sperm or ES cells, from 11 or more lines flat rate	Under evaluation

120A	ES Cell Media complete (handling fee)	500 ml	\$130
120B	Wild Type ES cells (129Sv)	1 vial	\$240
120BA	Wild Type ES cells (C57Bl6)	1 vial	\$260
120BB	Wild Type ES cells (C57Bl6, MEF free)	1 vial	\$280
120C	MEF feeder cells	(1 vial, 5x10 ⁶ cells,)	\$270
120CA	MEF media	500 ml	\$65

121A	Labor work	Hourly rate	\$70
121AA	Consulting fee	First hour is free of charge	\$83
121B	Material	Reagents, supplements, etc.	Variable
121C	Small mouse cage per diem	DCM, Conventional conditions	\$1.15
121D	Small mouse cage per diem	DCM, Super barrier conditions	\$1.21
121E	Large mouse cage per diem	DCM, Super barrier conditions	\$1.56
130	Importation	Coordination of importation of mice, germplasm, tissue, or cells from outside to OHSU	\$130

131	Exportation	Coordination of exportation of mice, germplasm, tissue, or cells to outside from OHSU	\$120
132	Preparation of dry shipper	Filling of dry shipper by liquid nitrogen and providing for export	\$120
133	FedEx, World courier, UPS service	FedEx, World Courier, UPS shipping fees	Variable

*Standard Prices may vary depended on mouse donor strain and client's affiliation. Changes will be based on the cost of additional reagents, mice and time of personnel of TMM. External academic clients and commercial clients must pay extra fees 15% and 50% respectively

** Miscellaneous Service means different types of additional services e.g. isolation of mouse tissues, breeding etc. Price of Miscellaneous Service will be based on the cost of additional reagents, cells, mice and time of personnel of TMM.