

**Fees of TMM (Transgenic Core)
FY 2019 (07/01/2018-06/30/2019)**

SERVICE		PRICE*
CRISPR Microinjectons		
KO (C57BL/6) Basic Targeting	Microinjection or electroporation of 200-250 zygotes, and embryo transfer into fosters and generating at least 1 indel	\$4,500
KO C57BL/6 Guaranteed rate	As above and generating 2 genotypically confirmed founders	\$6,000
Simple KIN C57BL/6 (point mutation, SNP)	Microinjection or electroporation of 200-250 zygotes and embryo transfer into fosters and generating at least 1 indel	\$5,500
Simple KIN C57BL/6 (point mutation, SNP) Guaranteed rate	As above and generating 2 genotypically confirmed founders	\$7000
CRISPR gRNA	Design of gRNA	\$200
CRISPR donor	Design (under development)	
Transgene Microinjections		
B6D2F1 hybrid	Microinjection of 250-300 zygotes and generating 30 live pups or 2-3 transgenic founders	\$4,000
B6D2F1 hybrid One day injection	Microinjection of 100-120 zygotes	\$1,900
C57BL/6	Microinjection of 250-300 zygotes and generating 30 live pups or 2-3 transgenic founders	\$5,000
C57BL/6 One day injection	Microinjection of 100-120 zygotes	\$2,300
ES Cell Gene Targeting		
ES Cell Gene Targeting 129 ES cells	Electroporation of targeting vector into ES cells and picking of ES clones on four 96 well plates.	\$4,800
ES Cell Gene Targeting C57Bl6 ES cells	Electroporation of targeting vector into ES cells and picking of ES clones on four 96 well plates.	\$5,000
Expanding ES cell clones (1 clone)	Expanding 1 positive ES cell clone from 96-well plate	\$550
2 clones		\$700
3 clones		\$850

Expand one vial of frozen ES cells to freeze back	Freezing back 4-5 vials of ES cells	\$500
Generation <i>De Novo</i> mutant ES cells	Generation ES cells from mutant mouse line	\$2,150
ES cell injection into Blastocysts /Chimeras		
1 clone into B6 blasotcysts	Injection of ES cells into 80-100 C57Bl/6 blastocysts and generation of 15-20 pups	\$2,600
One day injection into B6 blastocysts	Injection of ES cells into 50 C57Bl/6 blastocysts	\$1,650
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	\$2,650
One day injection into B6 - albino blastocysts	Injection of ES cells into 50 C57Bl/6 blastocysts	\$1,700
Resuscitation/ Rederivation of mouse lines		
Resuscitation /Rederivation via Embryo Transfer	Production of guaranteed clean animals after embryo transfer	\$700
Resuscitation/Rederivation via frozen embryo transfer	Production of guaranteed clean animals after embryo transfer	\$600
Resuscitation/Rederivation via IVF with thawed sperm	Production of guaranteed clean animals after IVF embryo transfer	\$1,700
Cryopreservation of germplasm		
Cryopreservation of embryos	Freezing of 250-300 eight cell stage embryos	\$1,700
Quality control of frozen embryos	The generation of live pups by retransfer of thawed embryos into uterus of foster	\$210
Cryopreservation of sperm	Freezing of 20 straws with sperm	\$550
Quality control of frozen sperm	One straw will be saw and sperm quality will be evaluated visually	\$40
Cryo Storage of embryos/sperm	10-20 vials/straws, 1 line/year	\$100
Cryo Storage of ES cells	10-15 vials, 1 line/year	\$100
Supplements		

ES Cell Media, , complete (handling fee)	500 ml	\$110
Wild Type ES cells (129Sv)	1 vial	\$220
Wild Type ES cells (C57Bl6)	1 vial	\$240
Wild Type ES cells (C57Bl6, MEF free)	1 vial	\$260
MEF feeder cells	(1 vial, 5x10 ⁶ cells,)	\$250
MEF medium	500 ml	\$50
Miscellaneous Service **		
Material	Reagents, supplements, etc.	Variable
Importation	Coordination of importation of mice, germplasm, tissue, or cells from outside to OHSU	\$110
Exportation	Coordination of exportation of mice, germplasm, tissue, or cells to outside from OHSU	\$105
Preparation of dry shipper	Fill of dry shipper by the nitrogen and providing for the export	\$100
Mouse cage per diem	DCM price	\$0.95
Big Mouse cage per diem	DCM price	\$1.22
Hourly rate	Labor work	\$60
Consulting fee	First hour is free of charge	\$70

*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.