



IRB Barcelona - Mutant Mouse 2024

Service	Public and CERCA Institutions (€)
IVF	1.638,00
Embryo transfer for IVF	520,00
Production of conditional targeting vector	7.280,00
96 well-plate screen (long-range PCR)	728,00
PCR confirmation of clones (5',3' arms, loxP)	156,00
PCR genotyping from biopsy	5,20
Cloning step	1.456,00
Conversion of Intermediate to final targeting vector	650,00
Guide test	540,00
Transfection for targeting and selection	3.120,00
Colony picking (per 96 well plate) + DNA prep	520,00
Clone Expansion(per clone)	312,00
Clone chromosome counting (per clone)	520,00
Mycotest	208,00
Transfection for removal of selection marker	1.300,00
Cryopreservation of embryos/freezing session	1.040,00
Blastocyst injection (129ES cells, 2 clones)	7.800,00
Blastocyst injection (B6 cells, 2 clones)	13.520,00
Pronuclear injection (F1 or FVB)	6.240,00
Pronuclear injection (C57)	12.480,00
Procuclear injection for crispr projects	5.200,00



**IRB Barcelona - Mutant Mouse 2024**

<b>Service</b>	<b>Public and CERCA Institutions (€)</b>
Electroporation/Crispr project	2.600,00
Lentiviral injection (C57) per day	5.200,00
Housing post weaning (per cage/week)	41,60
Rederivation (per line)	1.080,00
Breeding (per cage)	156,00
Cryopreservation of sperm	780,00
Cryopreservation of embryos/freezing session	1.040,00

*Other services under budget request (Obtaining BAC clones, Obtaining ES gene-trap or targeted clone, Obtaining targeting vectors, Impact screening)*