

Appendix 2 to the Regulations of the Mouse Genome Engineering Facility established under the project “Mouse Genome Engineering Facility – generation of animal models for biomedical research and preclinical studies”

Genetic background*	Net price in PLN	
	F1(C57BL6/J x CBA)	C57BL6/J
Type of mutation*:		
Insertion/Deletion knock-out (frameshift mutation, size of mutation is not guaranteed)	23000	25000
Knock-out mouse line using insertion cassette	25000	27000
Knock-in mouse line with insertion of small insert (<500 bp, ex. 3xHA-Tag, Flag-Tag)	27000	30000
Knock-in mouse line with insertion of medium length insert (500-1500 bp, ex. GFP)	29000	32000
Knock-in mouse line with insertion of long length insert (1500-3000 bp, ex. CRE-ERT2)	32000	35000
Knock-in mouse line with insertion of very long length insert (>3000 bp)	Upon request	Upon request
Mouse line with insertion of LoxP sites	37000	40000

*other genetic backgrounds and types of mutation are available upon request

The price includes the whole process of mouse line generation.

In particular:

- Mutation strategy design
- Preparation of proposal to the ethical committee
- Preparation of sgRNA, Cas9 mRNA and donor DNA (if used)
- Injection of sgRNA and Cas9 mRNA into zygotes of desired genetic background, to generate F0 mutated candidate animals
- Embryotransfer to donor mice
- Founder screening
- Germline breeding of F0 founder animals
- Sequence analysis of germline transmitted N1 animals

Clients are provided several 4-5 weeks old N1 generation (heterozygotic) mice. Insertion of mutations into difficult loci (high GC content, repetitive sequences) may be charged with an extra fee.

If harmful phenotype is expected in heterozygotic mutants, an extra fee will be applied.

Price does not include taxes and the cost of shipping.