



Genome Engineering Unit – pricelist for mouse lines generation

Type of mutation	Basic cost of the service	PRICE	
		Academic and Non-Profit Institutions	Commercial users
		The difference in price between academic and commercial users is solely due to the different level of fees independent of IIMCB	
Knock-out mouseline (frameshift or deletion of gene fragment)	PLN 26214	PLN 27000	PLN 30408
Point mutation or insertion of small size DNA fragment (up to 850 bp)	PLN 29268	PLN 30000	PLN 33951
Insertion of medium size DNA fragment (up to 1350 bp)	PLN 33981	PLN 35000	PLN 39418
Insertion of large size DNA fragment (up to 2350 bp)	PLN 38835	PLN 40000	PLN 45049
Insertion of very large DNA fragment (>2350 bp)	Upon request	Upon request	Upon request
Insertion of LoxP sites	PLN 50485	PLN 52000	PLN 58563
Other projects	Upon request	Upon request	Upon request

Mouse lines can be generated in the following genetic backgrounds: C57BL6/6JRj, C57BL6/J/cmdb, C57BL6/6NRj, BALB/cJRj, B6CBAF1/JRj. Other mouse lines are available upon request and may be subject to additional fees.

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. Price does not include taxes and the cost of shipping.

Insertion of mutations into difficult loci (high GC content, repetitive sequences) may be charged with extra fee.

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

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