

Mouse Line Genome Engineering Service



gen **O** way

Personalized Genome Engineering Service

Mouse Line Development

You directly benefit from our 15 years of experience with more than 1,500 mouse lines created for leading international research centers and 14 of the Top 20 pharma companies.



We translate your project into the most adapted and physiologically relevant model.

A complete offer (www.genoway.com/services.htm):

- Catalog and off-the-shelf: >16,000 conditional Knockout mouse lines
- Customized Knockout and Knockin: constitutive, tissue- and time-specific, point mutation, humanization, reporter/tag, Rosa26 and Hprt safe harbor, and more

Our models are used in most applications (www.genoway.com/research/application.htm) and...

- Industry: target validation, translational medicine, efficacy and safety studies, biologics, or biomarkers
- Academia: functional genomics, disease models, gene regulation, cell trafficking, etc.

...in most research fields (www.genoway.com/research/therapeutic-area.htm):

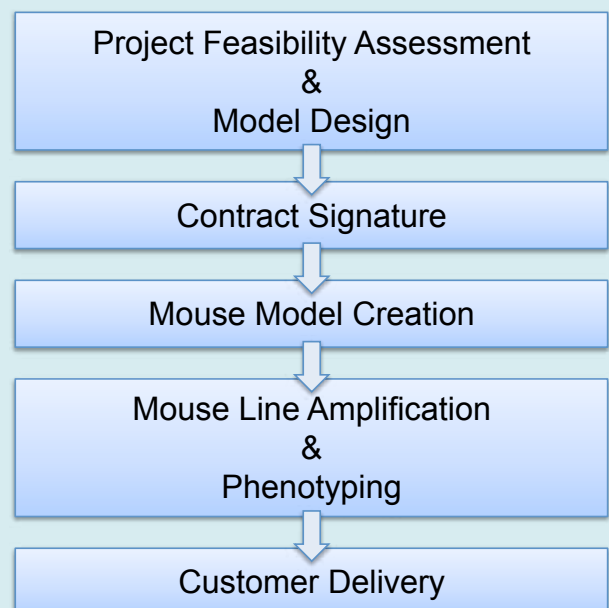
Neuronal and metabolic disorders (autism, diabetes, obesity, e.g.), immunological diseases (autoimmunity, inflammation, allergy, etc.), cardiovascular-related diseases, oncology, immuno-oncology, and many more.

YOUR BENEFITS

- Thorough project assessment
- Exhaustive technology portfolio
- Dedicated project management
- Short development time
- Freedom To Operate (FTO)
- Phenotyping service

The customization of your mouse model improves its physiological relevancy thereby increasing the scientific value of your study.

DEVELOPMENT PROCESS



Unique Scientific Analysis

Our in-depth scientific evaluation of your project guarantees you a complete and critical assessment of possible strategies, and is done free of charge prior to a contract commitment.

«We will circle back around internally, what you presented was incredibly thorough and much appreciated.»

Dr. Rick G., Top 5 pharma company, September 2015

We Translate Your Project into the Right Model

An exhaustive technology portfolio enables us to choose the technology that fits best with your model:

- ES cell-based as well as CRISPR/Cas9-based strategies
- Constitutive, time- or tissue-specific expressions
- Large variety of mouse genetic backgrounds, such as C57BL/6N or J, BALB/c, 129Sv, etc.

You Get Fast, First Scientific Results

A model's unique objective is to produce scientific data. genOway's state-of-the-art production facility delivers fully validated and characterized heterozygous mouse models in as little as 6 months for conditional Knockouts and 8 months for Knockins. We adapt our processes and customize first-cohorts production to enable each project to deliver first results fast.

At Your Service

A team of senior scientists is fully dedicated to project management to not only provide you with regular reports and on-demand reviews but also to modify project characteristics and deliverables to fit with changes in your research program and/or objectives.

No Intellectual Property Burden

Our exclusive technologies and broad set of licenses guarantee you will fully and freely benefit from your model.

«genOway has not only successfully provided this service, but we have benefited a great deal from their consultation, experience and professionalism. A major factor in recommending genOway is the flexibility of their approach; each project is able to evolve such that the relationship between researcher and the genOway team is more like that of a true collaboration.»

Prof. Paul RILEY
University of Oxford



Alexandre Fraichard
General Manager

«Thorough project assessment, in-depth scientific analysis of your current and future needs, exhaustive technology portfolio, excellence in production, and dedicated customer care are the core pillars that distinguish our personalized genome engineering service. We provide you with the most adapted and physiologically relevant research model.»

At a glance

With 100 employees, genOway has created more than 1,500 genetically modified models, while serving clients in:

- 28 countries worldwide
- 265 academic institutions and 13 EU framework projects
- 70 biopharmaceutical and 14 of the Top 20 pharma companies

YOUR SUCCESS IS OUR SUCCESS

Gulbins E et al.

Acid sphingomyelinase-ceramide system mediates effects of antidepressant drugs.

Nature Medicine

Adolph TE et al.

Paneth cells as a site of origin for intestinal inflammation.

Nature

Clement JP et al.

Pathogenic SYNGAP1 mutations impair cognitive development by disrupting maturation of dendritic spine synapses.

Cell