

Model Creation Services – Europe

Random DNA Transgenesis for Mice

Effective research depends on finding the most relevant model for your application. When your project calls for random DNA transgenesis technology, our scientists and the functional genomics leaders at PHENOMIN-ICS offer an integrated solution for the generation and analysis of your transgenic mouse lines.

Our partnership with PHENOMIN-ICS combines the custom vector design capabilities with our own cutting-edge microinjection and breeding services to create the right mouse model for your research.

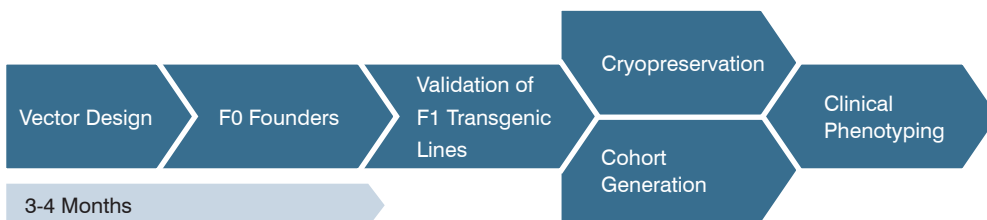
With the DNA transgenesis technology, our microinjection experts inject the DNA vector designed and prepared by PHENOMIN-ICS directly into zygotes, effectively bringing your custom *in vitro* research model to life with founders in as few as 3 to 4 months.

Random or Targeted Transgenesis?

Our team of scientists will work with you to determine the best model creation approach to suit your research, and can guide your development and selection from our large panel of available mouse genetic backgrounds (C57BL/6N, 129S2/SvPas, FVB/N, etc.).

End-to-End Capabilities

From vector design to functional validation, we are able to manage your entire custom model creation with optimum efficiency.



Why Charles River and PHENOMIN-ICS?

When you work with Charles River, you can expect comprehensive service and a single point of contact for your project from start to finish, even when your project includes technology delivered by our partners.

Our shared commitment to scientific excellence and personal attention means that we guarantee:

- Project timelines
- Confidentiality
- Exclusivity of intellectual property
- Breeding under VAF+/SOPF
- Secure animal delivery worldwide