



Custom *In Vivo* Model Development Program

Genetically engineered rat and mouse models to your specification in as few as 5 months

Looking for an animal model to fit your specific research needs?

First, we reimagined the possibilities of genetic engineering in rat. Now, we've introduced the world's fastest custom *in vivo* model generation service, powered by CRISPR-Cas9 genome editing technology. Go from idea to rat or mouse model in under half the time of traditional ES-cell based methods.

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INSPIRED CELL SOLUTIONS

How it works

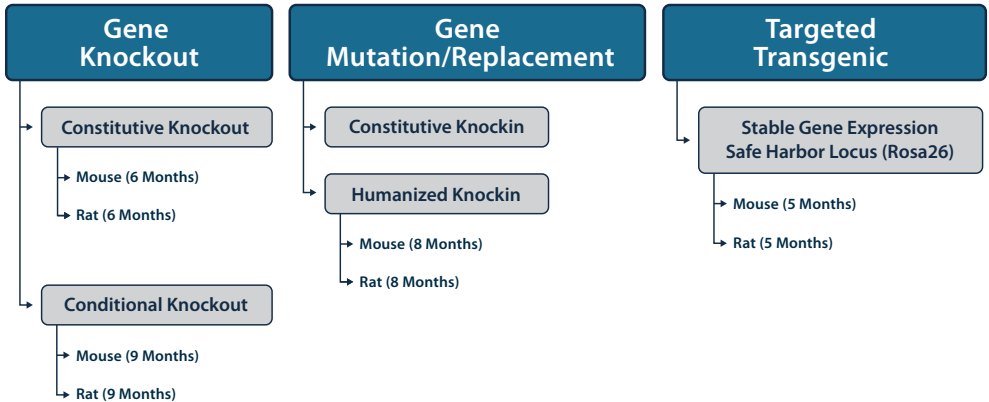
Looking for a knockout rat or mouse not included in our standard model portfolio?

Your Horizon *in vivo* model development specialist will work with you to design a custom model to your exact specifications, using our CRISPR/Cas9 (licensed by The Broad Institute, ERS Genomics and Harvard) or Zinc Finger Nuclease technologies licensed by Sigma-Aldrich, in as few as 5 months.

Using our Custom Model Builder, simply select your species, strain, gene of interest and desired mutation, and we'll do the rest.

Advantages of our animal model creation

- Exclusive options—mice and rats, any strain
- F1 breeding pair delivered in as few as 5 months
- Guaranteed germline transmission
- Donor plasmid design, construction and validation for knock-in models
- Comprehensive project management
- Detailed, formal project reports



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