

Enabling research and drug discovery through better models of disease.



TRANSPOSAGEN: FAST FACTS

- U.S.-based gene editing company since 2005
- Experts in gene modification in cells, rats, and mice
- Home of the *piggyBac*[™] transposon technology

COMPANY OVERVIEW

Transposagen, Inc. is a privately-held biotechnology company founded in 2005 to commercialize early gene editing technology for the construction of rodent models of disease. Since then, Transposagen has significantly increased its scientific offerings to include a suite of gene editing technologies and services that address the research needs of both academic and drug discovery investigators.

OUR MISSION

Transposagen's mission is to provide academic and drug discovery researchers with comprehensive gene editing products and services, empowering their efforts to discover the next generation of therapeutics.

We accomplish this mission through internal innovation, in-licensing of cutting-edge technologies, and building lasting relationships with strategic partners.

OUR CLIENTS

Transposagen's customers and partners include many of the top pharmaceutical and biotechnology companies in the world, as well as numerous academic laboratories and government agencies.

Our team of experts understands the needs of biomedical researchers, working one-on-one with customers to provide the best models and reagents to fit their exact requirements.

OUR TECHNOLOGY




piggyBac[™]

The *piggyBac*[™] transposase technology is a non-viral, gene delivery system designed for use in many different research applications. With a large cargo capacity of over 200kb, *piggyBac*[™] surpasses many other transposon and viral delivery vehicles, making it the optimal choice for stable cell line creation. The high efficiency and stability of *piggyBac*[™] integration events have proven effective in a variety of genomes. To date, over 550 peer-reviewed papers have been published as a result of the *piggyBac*[™] technology.

Footprint-Free[™] Gene Editing

The Footprint-Free[™] gene editing system combines the *piggyBac*[™] excision-only transposase with the utility of the latest site-specific nucleases technologies, including CRISPR and XTN[™] TALENs. This process allows researchers to surgically alter a single nucleotide without creating unwanted mutations and select for very rare events.

OUR PRODUCTS AND SERVICES:

-  Cell Engineering
-  Gene editing tools and reagents
-  Rodent model engineering, mouse & rat

WHY WORK WITH US?

- Over 10 years of experience.
- Realistic expectations. No hype, just results.
- Technologies and procedures aimed to reduce risk; milestone-based projects & latest editing technologies.

CONNECT WITH US

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