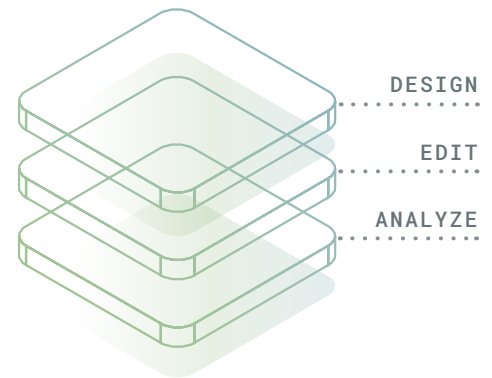


FULL STACK GENOME ENGINEERING

Predictive and Precise Genome Engineering at Scale

The Synthego approach leverages automation, smart bioinformatics, and machine learning to deliver optimized CRISPR products with unparalleled consistency, reproducibility, and scale. We provide scientists access to a range of capabilities through two product lines--CRISPRvolution and Engineered Cells. Together with our bioinformatics, we provide end-to-end, tailored support at every step of the genome engineering Design→Edit→Analyze workflow of a CRISPR experiment.



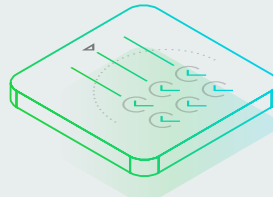
Build Better Experiments with Full Stack Genome Engineering

..... DESIGN>..... EDIT>..... ANALYZE>



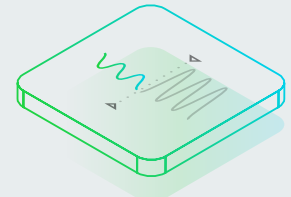
Every successful edit begins with proper planning.

Synthego's Gene Knockout Designer eliminates time-consuming steps to design guides in seconds instead of hours.



Elevate & simplify your experience in generating a knockout.

With a money-back guarantee on high editing efficiency combined with superior guide design, you can now start your CRISPR project with complete confidence.



Get NGS-quality editing analysis of your results.

Want to get editing efficiency data for your experiment? ICE offers free and accurate analysis of Sanger sequences with NGS quality results, in seconds.



By making these scientific advancements more accessible, Synthego is poised to have an enormous impact on innovators and researchers in life sciences and will transform the industry by making CRISPR simpler, faster and more valuable to thousands who previously couldn't realize its potential.

Dr. Jennifer Doudna

PROFESSOR AND HHMI INVESTIGATOR AT UC BERKELEY
CO-INVENTOR OF CRISPR

[Synthego.com/contact](https://synthego.com/contact)



CRISPRevolution Kits

The Gold Standard for Superior CRISPR Editing

OVERVIEW

CRISPRevolution Kits feature synthetic guide RNA products designed to accelerate CRISPR genome engineering research. CRISPRevolution is the first product line to offer economical access to fully synthetic RNA for high fidelity editing and increased precision in genome engineering.



Synthetic sgRNA

Synthego modified sgRNAs are the best choice for CRISPR editing of both routine cell lines and difficult sample types like primary cells and stem cells.



Advanced RNA

We can synthesize essentially any RNA molecule with various lengths and modification. If there is anything we haven't already done, we're up for the challenge.



Gene Knockout Kit v2

Knock out any human, protein-coding gene. Our proprietary multi-guide design guarantees gene knockout on the first try. Simplify the design, edit, and analysis of gene editing.



Screening Libraries

Arrayed chemically modified multi-guide sgRNA libraries for CRISPR screening generate the highest frequency knockouts, leading to more discoveries from each screen.



Engineered Cells

Unprecedented Access to CRISPR Genome Engineering

We have streamlined the editing step of the knockout experimental workflow by completely eliminating the need for scientists to optimize the transfection of CRISPR reagents themselves. Engineered Cells allow all researchers affordable access to state-of-the-art knockout cell pools and clonal cell lines.



Knockout Cell Pools

Rapid engineering of CRISPR-edited cell pools with guaranteed results. We've made CRISPR easy, so all you need to do is decide what experiment you'll do first.



Knockout Cell Clones

Let Synthego help advance your research by providing unprecedented access to CRISPR knockout cell clones, allowing you to focus on results.



Advanced Cells

Every research project is different. Your experiments require your specific edits in your unique cell type. Tell us what you need--we can do it.

About Synthego

Our portfolio includes software, synthetic RNA kits, and Engineered Cells products designed for CRISPR genome editing and research. With smart bioinformatics and machine learning, Synthego envisions bringing precision and automation to create next-generation molecular biology tools, starting with full stack genome engineering, enabling rapid and cost-effective research with consistent results for every scientist. Headquartered in Silicon Valley, Synthego includes among its customers leading institutions in over 32 countries around the world, 8 of the world's 10 largest biotechnology companies, and 24 of the top 25 global biology universities.