

Your edit. Our expertise.

When it comes to creating a healthier world, we share the same purpose — to deliver life-saving medicines to market faster

We work with you, supporting your research with our stellar cell engineering services, providing the tools you need to understand and interrogate the biology of disease.

Our specialized cell line engineering services are backed by an extensive portfolio of gene-editing licences and expertise across hundreds of cell lines to ensure the right edited cell line solution is achieved. Broad capabilities, powered by Dharmacon™ reagents, with a specific focus on complex edits and challenging cell types include:

- Multigene targeting
- Large knock-ins
- iPSC
- Primary T-cell
- Polyploid cancer lines

Let's work together to engineer healthier outcomes.

Cell line engineering services:

Controls:

trust with
absolute
confidence

Optimization:

use the
most effective
solutions

Consistency:

get reliable
and reproducible
results

Discipline:

work with
expert
scientists

Right edit, right cell

Providing a trusted service to achieve the exact engineered cell line to fit your needs, time and time again.

More than 10 years of cell line engineering experience

95% completion rate of projects initiated

Thousands of edits completed and delivered across multiple industries

Access to more than 200 parental cell lines from more than 20 tissue types

Work enabled by CRISPR licenses from Sigma and Broad

Functional assay add-ons

Need something special? With the ability to tailor our engineering services with a full suite of add-ons, you can achieve even more.

Delivery of additional clones and edited pool

qRT-PCR for cDNA cassette knock-ins

HiBit and NanoLuc tag assessment for qualifying projects

FACS for fluorescent reporter validation

Our process

We take a consultative approach with all our cell line engineering projects, offering a bespoke solution throughout our three-step process:

Step 1 - Project design

Our experts review your project requirements and provide consultation before onboarding. Choose from our catalogue of parental cell lines or provide your own including iPSCs, primary T-cells, and polyploidy cell lines.

Step 2 - Project engineering

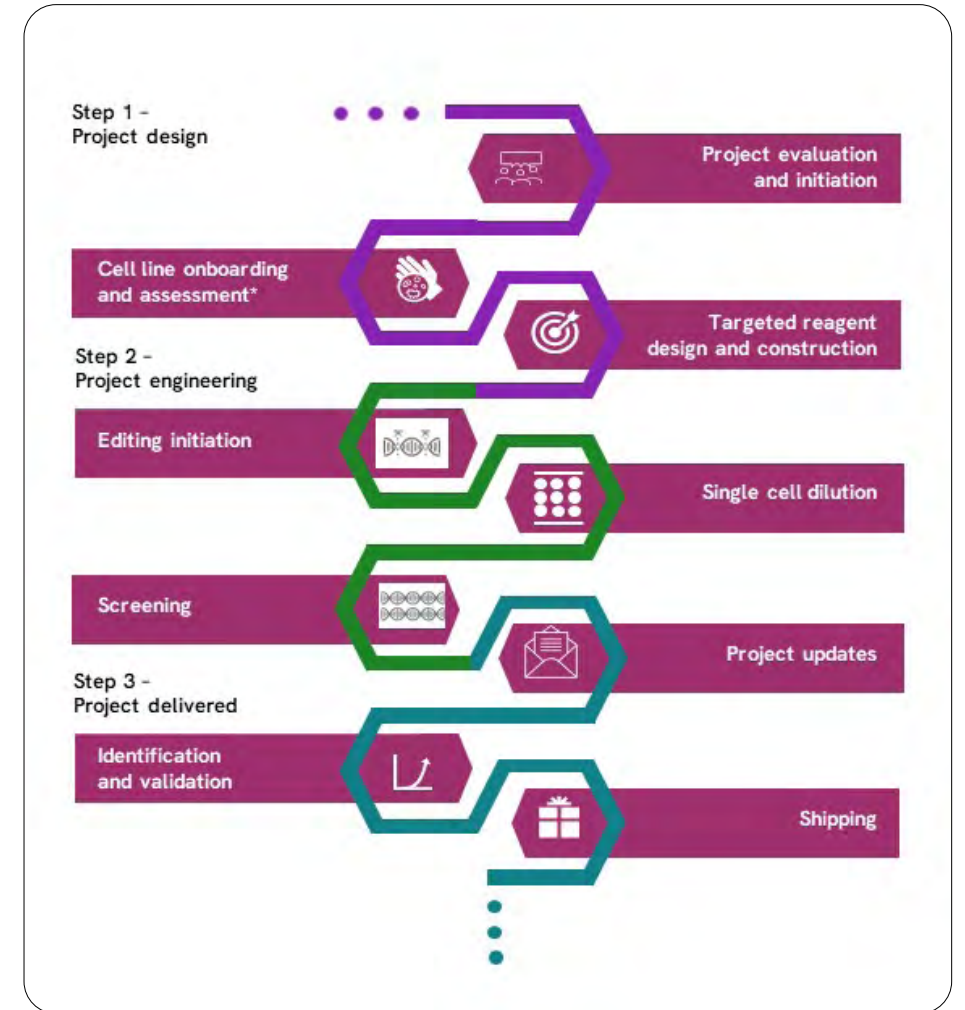
We optimize reagents and transfection protocols, then use automation and machine learning for single-cell dilution. Clones are screened with sequencing to ensure optimal clones are banked and delivered.

Step 3 - Project delivered

Project updates are provided at regular intervals with validation and QC performed throughout prior to shipping the final clone and parental line alongside the full data pack.



Learn more



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