

10 SECOND OVERVIEW

- » Cultivate success within each step of crop engineering with our comprehensive NGS services
- » Work with a partner who offers end-to-end support for your research, from design to bioinformatics analyses
- » Select from our broad Genomics portfolio the right throughput, best quality level and the most suited platform for your special needs
- » Let a dedicated project manager support your project



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PLANT GENOME MODIFICATION SOLUTIONS



Use hightech services to stay ahead of competition



THE DNA UNIVERSE

DEDICATED SOLUTIONS FROM ONE PROVIDER.

Target identification

We support the identification of gene targets to your traits of interest by Whole genome sequencing and RNAseq.

Genome editing design

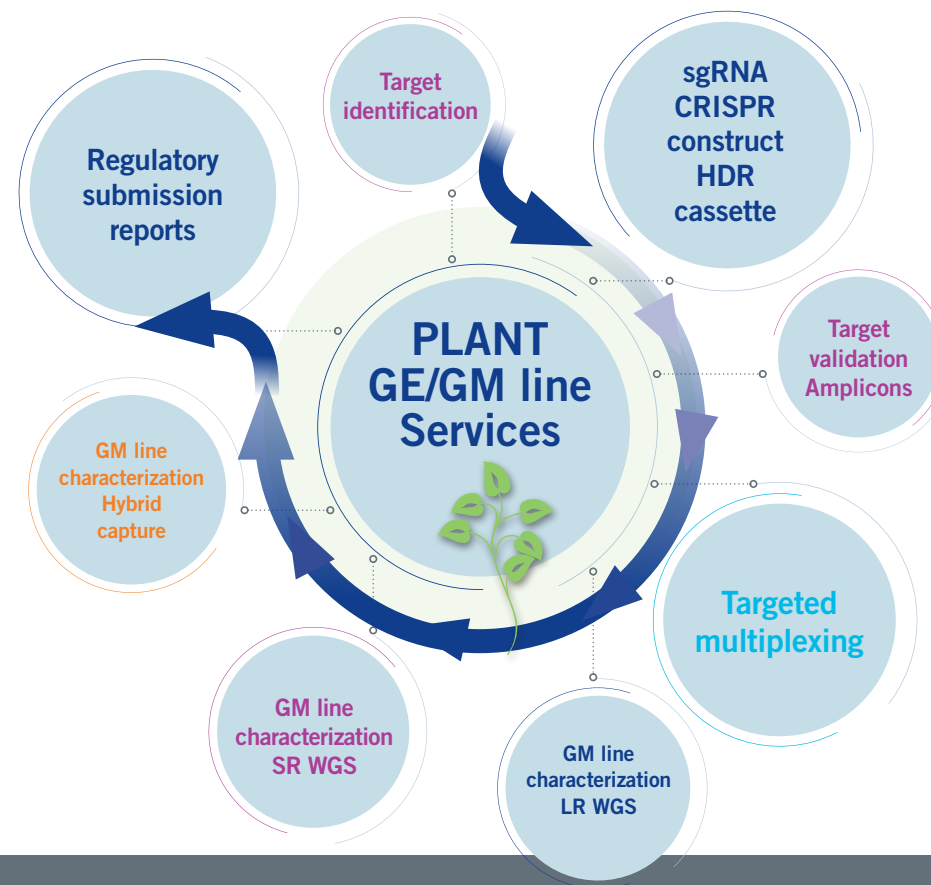
Our smart design tools and robust gene synthesis provide you with optimized constructs for sgRNA's, CRISPR constructs and homology-directed repair cassettes.

Editing construct validation

Use our Targeted NGS panels, CRISPR Check and single- and multiplex amplicons sequencing to validate the efficiency of your genome editing construct.

GE event characterization

We provide comprehensive GM line characterization by hybrid-capture enrichment or short & long-read sequencing. Our bio-informaticians can support verification of genome edits & clearance of the nuclease machinery or rule out off-target effects.



CRISPR check

End to end support for your gene editing project.

Targeted NGS panels

End to end support for Targeted Multiplex or Singleplex Amplicon sequencing to verify efficiency of your sgRNA design.

We offer bespoke GE event characterizations which are fully supported by dedicated project management, R&D and Bio-IT teams to facilitate your regulatory submissions.

