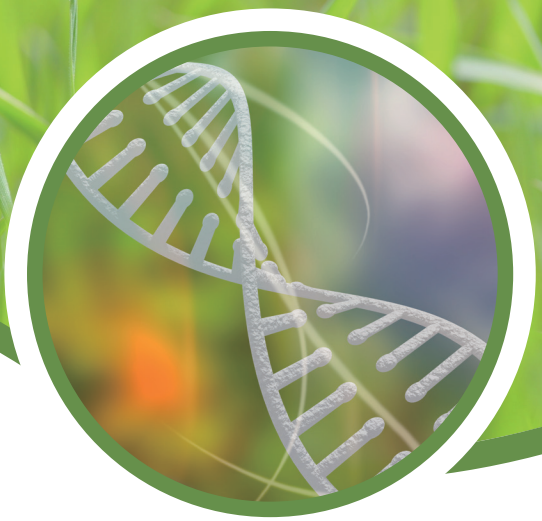
Lifeasible



Plant Genetic Engineering

Plants that require fewer pesticides, fungicides or fertilizers and are more resistant to stressful conditions can be produced using plant genetic engineering. Plant genetic engineering techniques allow direct transfer of one or just a few genes of interest, between either closely or distantly related species to obtain the desired agronomic traits.

With rich experience in plant breeding and advanced plant molecular biology technology platform, Lifeasible can provide customers with a full range of customized services, including gene cloning, vector construction, plasmid transformation and subsequent phenotype and gene function analysis.

Our Services

- CRISPR/Cas12a Multiplexable Gene Editing
- Gene Knockout Services
- Gene Knock-in Services
- CRISPRi Service
- CRISPRa Service
- Construction of CRISPR Mutation Library
- DNA-Free Genome Editing
- Gene Overexpression
- Plant Gene Silencing by VIGS
- RNAi Mediated Gene Silencing
- Genome Editing with ZFNs
- TALEN-Mediated DNA Insertion
- Plant Genetic Modification by CRISPR/CAS9
- Single Base Editing with CRISPR
- Detection of Plant Genetic Variation
- Tissue Culture-Free Gene-Editing in Plants
- RNA Encoded DNA Replacement of Alleles with CRISPR
- MicroRNA-Based Gene Modification
- Prime Editing
- CRISPR/Cas12b service
- CRISPRoff/CRISPRon Service
- Gene Editing by CRISPR/Cas12a
- Vegetable Oil Production Improvement

Please contact us for more information about our plant genetic engineering services.

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967

Phone: 1-631-356-5138
Fax: 1-631-910-2166
Email: info@lifeasible.com