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## Differences: Genome editing and mutagenesis

There are some fundamental differences between genome editing and mutagenesis applied in conventional plant breeding that are important for risk assessment and traceability resp. identification (traceability) of the genetically engineered plants. For example, genome editing methods generally leave a specific fingerprint in the genome that can be used to identify the plants and is relevant for risk assessment. The following table lists some of the differences between genome editing and mutagenesis.

**Publication year:** 2018

**File attachments:** Attachment

Size

191.42 KB



[Table\\_comparison CRISPR & mutagenesis\\_2.pdf](#) [1]

**Themen:** [Synthetic biology and synthetic genome technologies](#) [2]

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### Source

**URL:** <https://www.testbiotech.org/en/content/differences-genome-editing-and-mutagenesis>

### Links

[1] [https://www.testbiotech.org/sites/default/files/Table\\_comparison%20CRISPR%20%26%20mutagenesis\\_2.pdf](https://www.testbiotech.org/sites/default/files/Table_comparison%20CRISPR%20%26%20mutagenesis_2.pdf) [2] <https://www.testbiotech.org/en/content/synthetic-biology-and-synthetic-genome-technologies>