II. Measurement of plant genome poliploidity

A fundamental parameter in plant breeding is the monitoring of DNA stocks, the so-called polyploidy test. This characteristic changes dynamically during plant breeding and provides information on the chromosome set.

Our proposed approach:

Our group can use flow cytometry to determine plant chromosome composition by using a DNA staining agent.

Target group:

Research institutes, universities, plant breeding companies, seed companies

Our related publications:

https://link.springer.com/protocol/10.1007/978-1-61779-182-6_15

https://plantmethods.biomedcentral.com/articles/10.1186/1746-4811-6-5