



VERSION 1
JAN 05, 2023

🌐 DNA Extraction from Arabidopsis thaliana V.1

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ABSTRACT

This is a protocol for extract DNA from arabidopsis thaliana.

OPEN  ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.4r3l276zqg1y/v1

Protocol Citation: lilyli 2023.
DNA Extraction from
Arabidopsis thaliana.
protocols.io
<https://dx.doi.org/10.17504/protocols.io.4r3l276zqg1y/v1>


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Protocol status: Working
We use this protocol and it's working

Created: Jan 04, 2023

Last Modified: Jan 05, 2023

PROTOCOL integer ID:
74719

1 Add 400 mL DNA extraction solution into  1.5 mL centrifuge tube.

- 2 Grind 3 small leaves or 1 large leaf with a grinding stick in the centrifuge tube with the extract.
- 3 Shake the oscillator for  00:00:05, and place it at room temperature until other preparations are completed. 5s
- 4 Centrifuge at 16 000 rpm for 2 minutes at room temperature.
- 5 Transfer 200 mL of centrifuged supernatant into a clean centrifuge tube.
- 6 Add 200 mL isopropanol, mix well and place at room temperature for 3 minutes.
- 7 Centrifuge at 16 000 rpm at room temperature for 5 minutes, remove the supernatant, wash the precipitate with 70% ethanol, and dry the precipitate at room temperature.
- 8 Dissolve DNA in 100 mL deionized water and store it in a refrigerator at – 20 ° C.