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Version 1

DNA Extraction from Arabidopsis thaliana V.1

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Protocol status: Working

We use this protocol and it's working

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Abstract

This is a protocol for extract DNA from arabidopsis thaliana.



- 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.
- 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.

5s