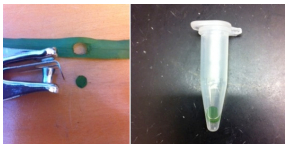
up date 03.03.2015

Super Low Cost Simple DNA extraction protocol for PCR (ver1.9)

1. Place approx. a punch leaf (1/4" hole diameter) into 1.5ml tube containing

   100µL KAZU buffer (4 drops)



*This can be stored at room temperature for months.

2. Crush leaf disc with blue pestle (best) or macerate with pipette tip (easy).

3. Transfer 5 µL or 10 µL supernatant to new tube (avoid chunks of tissue).

4. Add 1ml 95% ethanol, invert tube a few times.

5. Spin down DNA pellet at 12,000 rpm for 30 sec.

6. Discard supernatant.

7. Dry pellet on bench.

8. Dissolve DNA pellet in H_2O (50µL or 100µL).

PCR

DNA 2.5ul

A primer 2.5ul

B primer 2.5ul

Go taq mix (2X) 7.5ul

95°C 3min-(95°C 30sec-55°C 30sec-72°C 1min) x35-72°C 5min -12°C

Any feedback would be appreciated!

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