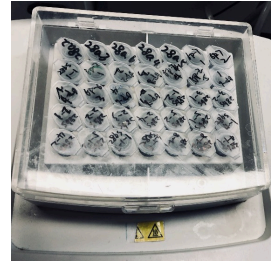


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## 02 Enzyme Digestion

DOI

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**Protocol status:** Working

**We use this protocol and it's working**

**Created:** July 08, 2019

**Last Modified:** July 08, 2019

**Protocol Integer ID:** 25606

## Guidelines

It's better to add enzymes at last.



## Materials

### MATERIALS

⊗ Water bath or heat block at 37°C

⊗ dd H<sub>2</sub>O

⊗ DNA **Catalog #1**

⊗ 10×green loading buffer **Catalog #/**

⊗ Restriction endonuclease **Catalog #/**

### Before start

Put the enzyme on ice.



- 1 Mix together:
  - 3µl Restriction endonuclease 1
  - 3µl Restriction endonuclease 2
  - 6µl 10xgreen buffer
  - 3000ng DNA
  - Add to 60µl dd H<sub>2</sub>O

**If it is double enzyme digestion verification before sequencing:**

- 1µl Restriction endonuclease 1
  - 1µl Restriction endonuclease 2
  - 1µl 10xgreen buffer
  - 7µl DNA
- 2 Heat in water bath or heat block at 37°C for 30min-1h.

 37 °C