

# Yeast transform

## Materials

75% ethanol

Electroporation device

Icebox

*S.cerevisiae* competent cell

Cold sorbitol(1M)

DO plates

## Protocol

1. Taken from 75% ethanol, cuvette is exposed to ultraviolet ray for 30min in bechtop after drying. Then keep the sterilized cuvette on ice.
2. Add 8ul(0.5ug) DNA to 80ul of competent cells. Homogenize by gently mixing with pipette several times and then transfer mixture into a prechilled cuvette.
3. Wipe moisture from cuvette and insert the cuvette into the electroporation device.
4. Electroporation

Mode	Fungi
Voltage	1.5kV
Time constant	5ms

5. Immediately add 1ml of cold sorbitol. Plate various aliquots onto DO plate.