

YEAST TRANSFORMATION:

- Pick 4 colonies of yeast to be transformed on correct plates, and patch them onto YPD plate.
- Grow RT until you see growth.

Day 0:

Transform:

Salmon Sperm DNA (5 mg/ml)	20 ul
DNA (500 ng/ul)	1 ul
Yeast	¼ of patch

Mix by vortexing.

Add Plate Solution* 500 ul

Mix by vortexing.

Incubate overnight at room temp.

Day 1:

Heat shock 42° for 15 min.

Pellet 30 sec. at 15K rpm. Remove supernatant.

Resuspend in 100 ul dH₂O

Plate all on desired selective plate

Incubate room temp until colonies form.

*Plate Solution:

40 % PEG 3350

.1 M LiAc

10 mM Tris-HCl, pH 7.5

1 mM EDTA