

Plasmid transfer from *S. cerevisiae* to *E. coli*

1. Prepare a 5 ml over night culture of yeast in SD-aa medium
 2. Centrifuge 1.4 ml of the liquid culture in microtube for 30 seconds
 3. Decant supernatant and resuspend pellet in remaining drop of liquid
 4. Add 0.2 ml of 2 % Triton X-100, 1 % SDS, 100 mM NaCl, 10 mM Tris pH 8.0, 1 mM EDTA
 5. Add 0.2 ml PCIA (Phenol : Chloroform : Isoamyl alcohol = 24:23:1)
 6. Add 0.3 g of acid washed glass beads
 7. Disrupt cells on vortex for 2 minutes or in Fast-Prep for 45 seconds
 8. Centrifuge for 5 minutes in microcentrifuge
- [Optional: Extract again with 0.2 ml PCIA
 Extract with 0.2 ml CIA
 Precipitate with 1/10 volume 3 M NaOAc and 2.5 volumes Ethanol
 Dissolve in 50 µl of TE]
9. Transform 5 µl of DNA into *E. coli* DH5