**Hot phenol extraction miniprep**

Harvest 2x107 cells by ethanol fixation or freezing on N2. Either way get your cells into a pellet in a 2ml tube on ice.

Add 500µl TES, 500µl phenol, vortex to re-suspend cell pellet

Incubate 30min at 65°, vortex briefly every 10min

Cool to RT using ice bath

Spin 5min at 13000rpm in microfuge in hood

Extract ~500µl supernatant into a 1.5ml tube

Add 500µl chloroform, vortex

Spin 30s at 13000rpm in microfuge in hood

Extract ~500µl supernatant into a 1.5ml tube

Add 50µl 3M NaOAc and 1ml ethanol, vortex

Spin 15min, 13000rpm at 4°

Wash pellet with 1ml 70% ethanol

Air-dry pellet and re-suspend in 6µl water

TES: 10mM Tris pH 7.5

 10mM EDTA

 0.5% SDS