

Making diploids from haploids by centrifugation.

1. Grow haploid strain so that in log phase (OD₆₀₀ 0.5-1.0).
2. Spin cells in Eppendorf 15 min 13000 rpm at room temperature.
3. Make suitable dilution and plate out at about 250 cells per plate onto YES phloxin B.
4. Incubate for 3-4 days. Pick red colonies (ca 1%, most will be red) and restreak to phloxin B plates.
5. Pick single red colony from restreaked plates. Check ploidy by flow cytometry.

From Beata Grallert