Freeze cells

Via the Zhang Lab

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Freezing Media: 50% FBS, 10% DMSO and 40% DMEM (no PS or puromycin!)

FRZ 3 mL: 1.5 mL FBS, 300 uL DMSO, 1.2 mL DMEM

Cell growth media: DMEM with 10% FBS and 1% PS. Huaiying also recommends 1ug/mL puromycin to make sure cells don't lose the GFP over time.

1. Grow cell in 10cm dishes, one plate to make 2 tubes (Aim for 90% confluency)
    - 11 mL growth media, add 500 uL - 1 mL confluent cells for growth in 2 days
2. Trypsinize to resuspend cells (See Split Cells)
    - Use 2mL trypsin
    - Quench reaction with 2 mL media
3. Centrifuge at 500g for 5mins
4. Keep pellet; remove supernatant
5. Add FRZ (freezing media) 1ml to the pellet and resuspend.
6. Take 500ul put in freezing tube, place on ice IMMEDIATELY
7. Put tube in freezing container
8. Put in -80 overnight
9. Put in liquid nitrogen container

- Cells can be stored at -80 for short periods; store in cryo for longer term