Using genetic barcodes to explore functional heterogeneity in paediatric Burkitt lymphoma

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1. Barcoding cells

- Make a 4x10^6 cells/ml solution (2ml for each c
- Add 0.5ml of the cell mixture to 4 wells
- Add relevant virus to the correct wells
- Make the mixtures in order below in ef

Well	Virus volume	media	poly-D-lysine (100ug/ml stock)	HEPES buffer (25 stock)
A1	250ul	250ul	5ul	25ul
A2	150ul	350ul	5ul	25ul
A3	50ul	450ul	5ul	25ul
A4	0	500ul	5ul	25ul

- Centrifuge the cells at 1250 x g for 1.5
- Use p1000 to gently resuspend cells, add 2ml advanced medium, transfer to feeder plate
  - important: use microscope to check all/most
- 4 hours later, transfer cells to a 12 plate and advanced media to each well
- Sort cells 48 hours later

IMPORTANT

- On the same day of transduction, set up ready for expansion.

2. Sorting

- 30 minutes before sort, spin cells down
- We want to sort 5 well each of 500, 1000 well plate wells)

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