

Materials List for:

Genetic Barcoding with Fluorescent Proteins for Multiplexed Applications

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Materials

Name	Company	Catalog Number	Comments
10 ml syringes	BD	309604	used for filtering the virus
0.45 µm ploytetrafluoroethylene filter	Pall Corporation	4219	used for filtering the virus
DMEM (Dulbecco's Modified Eagle Medium)	Corning	45000-304	cell growth media for HEK 293T cells
PEI (Polyethylenimine)	poly sciences	23966-2	2 mg/ml concentration used
Hanging bucket centrifuge (refrigerated)	Eppendorf	5805 000.017	used for spin infection
PBS (phosphate buffered saline)	Corning	21-040-CV	used for washing of cells
Polybrene (hexadimethreen bromide)	Sigma-Aldrich	107689	Used to increase viral infection efficiency. Used at a 5 µg/ml concentration.
FACSAria	BD Biosciences		instrument used for sorting cell populations
FACSCanto	BD Biosciences		instrument used for cell analysis
Phoenix-GP	Gift from Gary Nolan		cell line used to produced retroviral particles
Fetal calf serum	Mediatech	MT35015CV	used for cell growth and sorting
SupT1 cells	ATCC	CRL-1942	Human T lymphoblasts
HEK 293T cells	ATCC	CRL-11268	Human Embryonic Kidney cells that also contain the SV40 large T-antigen
RPMI 1640	Corning	10-040-CV	cell growth media for SupT1 cells