

Materials List for:

Identification of Key Factors Regulating Self-renewal and Differentiation in EML Hematopoietic Precursor Cells by RNA-sequencing Analysis

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URL: <https://www.jove.com/video/52104>

DOI: [doi:10.3791/52104](https://doi.org/10.3791/52104)

Materials

Name	Company	Catalog Number	Comments
Antibiotic-Antimycotic	Invitrogen	15240-062	BHK cell culture
Anti-Mouse CD34 FITC	eBioscience	11-0341-81	FACS sorting
Anti-Mouse Ly-6A/E (Sca-1) PE	eBioscience	12-5981-81	FACS sorting
APC Mouse Lineage Antibody Cocktail	BD Biosciences	558074	FACS sorting
BD FACSAria Cell Sorter	BD Biosciences	Special offer sysmtem	FACS sorting
Corning™ Cell Culture Treated Flasks 75 cm ²	Corning incorporated	430641	Cell culture
Corning™ Cell Culture Treated Flasks 25 cm ²	Corning incorporated	430639	Cell culture
Deoxyribonuclease I, Amplification Grade	Invitrogen	18068-015	Library preparation
DMEM	Invitrogen	11965-092	BHK cell culture
DPBS	Gibco	14190	Cell culture
HI FBS	Invitrogen	16140071	BHK cell culture
Horse Serum	Invitrogen	16050-122	EML cell culture
IMDM	HyClone	SH30228.02	EML cell culture
L-Glutamine	Invitrogen	25030-081	Cell culture
Lineage Cell Depletion Kit, mouse	Miltenyi Biotec	130-090-858	Isolation of lineage negative cells
NanoVue Plus spectrophotometer	GE Healthcare	28-9569-62	Quality control
Thermo Scientific™ Napco™ 8000 Water-Jacketed CO ₂ Incubators	Thermo Scientific	15-497-002	Cell culture
Penicillin-Streptomycin	Invitrogen	15140-122	EML cell culture
TRIzol® Reagent	Invitrogen	15596-018	RNA extraction
TruSeq™ RNA Sample Prep Kit v2 -Set B (48 rxn)	Illumina	RS-122-2002	Library preparation
2100 Electrophoresis Bioanalyzer Instrument	Agilent	G2939AA	Quality control
0.25% Trypsin-EDTA	Gibco	25200	Cell culture
0.45 µm Syringe Filters	Nalgene	190-2545	Cell culture