

Materials List for:

A Video Protocol of Retroviral Infection in Primary Intestinal Organoid Culture

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Materials

Name	Company	Catalog Number	Comments
Advanced DMEM/F12	Invitrogen	12634-034	
Glutamax 100x	Invitrogen	35050-068	
HEPES 1 M	Invitrogen	15630-056	
Penicillin-streptomycin 100x	Invitrogen	15140-122	
B27 supplement 50x	Invitrogen	17504-044	
N2 supplement 100x	Invitrogen	17502-048	
n-Acetylcysteine 500 mM	Sigma-Aldrich	A9165-5G	
Mouse EGF 500 µg/ml	Invitrogen Biosource	PMG8043	
Mouse Noggin 100 µg/ml	Peprtech	250-38	
R-Spondin conditioned medium			The conditioned media is generated from HEK293 cells, for details see Sato and Clevers 2013.
Wnt conditioned medium			The conditioned media is generated from L cells, for details see Sato and Clevers 2013.
Nicotinamide 1 M	Sigma	N0636	
Y-27632 10 µM	Sigma	Y0503-1MG	
Polybrene (8 µg/ml)	Sigma	H9268-5G	
Standard BD Matrigel matrix	BD Biosciences	356231	Basement Matrix Extract (Cultrex PathClear BME Reduced Growth Factor Type 2, 3533-005-02) supplied by AMSBIO can be used as an alternative.
24-well Plate	Greiner Bio One	662960	
48-well Plate	Greiner Bio One	677980	
CHIR99021	Sigma	A3734-1MG	
Platinum-E cells	Cell Biolabs	RV-102	
Puromycin	Invitrogen	A1113802	
Blasticidin	Invitrogen	A1113902	
Polyethyleneimine (PEI)	Polysciences	23966	
opti-MEM	Life Technologies	51985-034	
TrypLE	Invitrogen	12605-010	
Parafilm	Sigma	P7793-1EA	
4-OHT	Sigma	H7904	