

Materials List for

# Cell-Based Drug Screening for Inhibitors of Autophagy Related 4B Cysteine Peptidase

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jove.com/video/65464

## Materials

Name	Company	Catalog Number	Comments
50 µL Disposable Tips - Non-filtered, Pure, Nested 8 Stack (Passive Stack)	Tecan	30038609	Disposable 96-tip rack
BioTek MultiFlo	BioTek		bulk dispenser
Coelenterazine	Santa Cruz Biotechnology	sc-205904	substrate
Columbus Image analysis software	Perkin Elmer	Version 2.9.1	image analysis software
DPBS (1x)	Gibco	14190-144	
Echo Qualified 384-Well Polypropylene Microplate, Clear, Non-sterile	Beckman Coulter	001-14555	384PP plate
EnVision II	Perkin Elmer		luminescence plate reader
Express pick Library (96-well)-L3600-Z369949-100µL	Selleckchem	L3600	Selleckchem
FMK9A	MedChemExpress	HY-100522	
Greiner FLUOTRAC 200 384 well plates	Greiner Bio-One	781076	solid-black 384-well plates
Harmony Imaging software	Perkin Elmer	Version 5.1	imaging software
Hoechst 33342, Trihydrochloride, Trihydrate - 10 mg/mL Solution in Water	ThermoFisher	H3570	Hoechst 33342
Labcyte Echo 550 series with Echo Cherry Pick software	Labcyte/Beckman Coulter		nanoscale acoustic liquid dispenser
Milli-Q water			deionized water
Opera Phenix High-Content Screening System	Perkin Elmer		automated microscope
Paraformaldehyde solution 4% in PBS	Santa Cruz Biotechnology	sc-281692	
PhenoPlate 384-well, black, optically clear flat-bottom, tissue-culture treated, lids	Perkin Elmer	6057300	CellCarrier-384 Ultra PN
pMOWS-ActinLC3dNGLUC			Obtained from Dr. Robin Ketteler (Department of Human Medicine, Medical School Berlin)

Polybrene Infection / Transfection Reagent	Merck	TR-1003-G	polybrene
Puromycin dihydrochloride, 98%, Thermo Scientific Chemicals	ThermoFisher	J61278.ME	Puromycin
Tecan Freedom EVO 200 robot	Tecan		liquid handling robotic platform
X-tremeGENE HP DNA Transfection Reagent Roche	Merck	6366244001	DNA transfection reagent