

Materials List for:

# Single Cell Micro-Aspiration as an Alternative Strategy to Fluorescence-Activated Cell Sorting for Giant Virus Mixture Separation

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URL: <https://www.jove.com/video/60148>

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## Materials

Name	Company	Catalog Number	Comments
Agarose Standard	Euromedex	Unkown	Standard PCR
AmpliTaq Gold 360 Master Mix	Applied Biosystems	4398876	Standard PCR
CellTram 4r Oil	Eppendorf	5196000030	Control the cells during the microaspiration process
Corning cell culture flasks 150 cm2	Sigma-aldrich	CLS430825	Culture
Corning cell culture flasks 25 cm2	Sigma-aldrich	CLS430639	Culture
Corning cell culture flasks 75 cm2	Sigma-aldrich	CLS430641	Culture
DFC 425C camera	LEICA	Unkown	Observation/Monitoring
Eclipse TE2000-S Inverted Microscope	Nikon	Unkown	Observation/Monitoring
EZ1 advanced XL	Quiagen	9001874	DNA extraction
Glasstic Slide 10 With Counting Grids	Kova International	87144E	Cell count
Mastercycler nexus	Eppendorf	6331000017	Standard PCR
Microcapillary 20 µm	Eppendorf	5175 107.004	Microaspiration and release of cells
Micromanipulator InjectMan NI2	Eppendorf	631-0210	Microcapillary positioning
Nuclease-Free Water	ThermoFischer	AM9920	Standard PCR
Optima XPN Ultracentrifuge	BECKMAN COULTER	A94469	Virus purification
Petri dish 35 mm	Ibidi	81158	Culture/observation
Sterile syringe filters 5 µm	Sigma-aldrich	SLSV025LS	Filtration
SYBR green Type I	Invitrogen	unknown	Fluorescent molecular probes/ flow cytometry
SYBR Safe	Invitrogen	S33102	Standard PCR; DNA gel stain
Tecnai G20	FEI	Unkown	Electron microscopy
Type 70 Ti Fixed-Angle Titanium Rotor	BECKMAN COULTER	337922	Virus purification
Ultra-Clear Tube, 25 x 89 mm	BECKMAN COULTER	344058	Virus purification