

# MACSQuant UNIFR

Laser:	Bandpass Filter	Suggested Fluorochromes
<b>Violet 405 nm</b>	450/50	Alexa Fluor 405, Pacific Blue, DyLight 405, eFluor 450, <b>Brilliant Violet 421 (BV421)</b> , Phalloidin, CF405M, <b>Brilliant Violet 510 (BV510)</b> , Pacific Green, VioBlue, <i>LIVE/DEAD Fixable Violet</i>
	525/50	Alexa Fluor 430, Qdot 525, Pacific Orange, <b>Brilliant Violet 510 (BV510)</b> , Pacific Green, VioGreen, <i>LIVE/DEAD Fixable Aqua</i> , <i>DAPI</i> , <i>SYTOX Blue Dead Cell Stain</i>
<b>Blue 488 nm</b>	488/10	SSC channel (Cyan Fluorescent Protein)
	525/50	Alexa Fluor 488, FITC, Qdot 525, DyLight 488, Fluorescein, Brilliant Blue 515 (BB515), VioBright FITC, VioBright 515, <i>LIVE/DEAD Fixable Green</i> , <i>SYTOX Green Dead Cell Stain</i> , <i>Zombie Green Fixable</i> , Green Fluorescent Protein (emerald GFP), Cyan Fluorescent Protein (CFP)
	585/40	Alexa Fluor 514, Alexa Fluor 546, Qdot 565, <b>PE</b> , Qdot 585, Qdot 605, RD1 (Phycoerythrin), <i>Propidium Iodide (PI)</i> , <i>SYTOX Green Dead Cell Stain</i> , <i>LIVE/DEAD Fixable Red</i>
	655-730	PerCP, <b>PerCP-Cy5.5</b> , Qdot 655, <b>PE-Cy5</b> , Qdot 705, PE-Cy5.5, PE-Alexa Fluor 700, <i>7-AAD</i> , <i>Propidium Iodide (PI)</i> , <i>DRAQ5</i> , <i>DRAQ7</i>
	750LP	Qdot 800, <b>PE-Cy7</b> , PE-Alexa Fluor 750, <i>DRAQ5</i>
<b>Red 635 nm</b>	655-730	Alexa Fluor 633, Alexa Fluor 635, <b>Alexa Fluor 647</b> , Alexa Fluor 647-PE, Alexa Fluor 660, <b>APC</b> , APC-Cy5, APC-Cy5.5, Cy5, DyLight 647, Qdot 655, Alexa Fluor 680, Alexa Fluor 700, Cy5.5, Qdot 705, DyLight 633, DyLight 649, DyLight 680, APC-Alexa Fluor 680, DyLight 650, APC-Alexa Fluor 700, VioBright 667, <i>DRAQ7</i> , <i>Zombie NIR Fixable</i> , <i>SYTOX Red Dead Cell Stain</i> , <i>DRAQ5</i>
	750LP	Alexa Fluor 750, APC-Cy7, Cy7, Qdot 800, DyLight 750, APC-Alexa Fluor 750, APC-H7, <i>Zombie NIR Fixable</i> , <i>LIVE/DEAD Fixable Near-IR Red</i> , <i>DRAQ5</i>

**Strong fluorochromes**  
*Viability dyes*