

CSCI FACSCelesta Filters and Fluorophore Guide

Laser	Detector	Dichroic	Bandpass	Name	Fluorophores
405 nm Violet 50 mW	A	750 LP	780/60	V780	BV 786
	B	655 LP	670/30	V670	BV 650
	C	595 LP	610/20	V610	BV 605
	D	505 LP	525/50	V525	BV 510 Zombie Aqua CFP
	E	X	450/50	V450	BV 421 Pacific Blue V450 SYTOX Blue DAPI (viability) Zombie Violet
488 nm Blue 20 mW	A	685 LP	695/40	Blue A	PerCP-Cy5.5 PE-Cy5.5 PerCP-eFluor 710 BB700
	B	600 LP	610/20	Blue B	PE-Texas Red PE-CF594 PE-Dazzle 594 Propidium Iodide
	C	550 LP	575/25	B575	PE
	D	505 LP	530/30	B530	FITC Alexa 488 BB515 GFP YFP CFSE SYTOX Green Zombie Green
	E	X	488/10	SSC	Side Scatter
633 nm Red 40 mW	A	750 LP	780/60	R780	APC-Cy7 APC-Fire 750 APC-eFluor 780 APC-H7 Zombie NIR
	B	690 LP	730/45	R730	Alexa 700 APC-R700
	C	X	670/30	R670	APC Alexa 647 SYTOX Red

Additional filters available for blue laser positions A and B to measure **PE-Cy5** and **PE-Cy7**