

## LSRII fluorochromes

VioFlame ("Violet") laser - 406 nm. Each row equals one detector.

Longpass filter (nm)	Detection bandwidth filter	range (nm)	How the detector is labeled in <u>FACSDiva</u>	What OTHER fluorochromes can be detected (not comprehensive)
505	585/42	564-606	Pacific Orange	
---	450/50	425-475	Pacific Blue	Cascade Blue, DAPI, Hoechst, AlexaFluor 405, "LIVE/DEAD-Violet"

Sapphire ("Blue") laser - 488 nm. Each row equals one detector.

Longpass filter (nm)	Detection bandwidth filter	range (nm)	How the detector is labeled in <u>FACSDiva</u>	What OTHER fluorochromes can be detected (not comprehensive)
755	780/60	750-810	PE-Cy7	
690	710/50	685-735	PerCP-Cy5.5	PE-Cy5.5
595	610/20	600-620	PE-Texas Red	ECD, propidium iodide, eFluor 605
550	575/26	562-588	PE	
505	530/30	515-545	FITC	AlexaFluor 488, GFP
---	488/5	485-490	Side Scatter	

HeNe ("Red") laser - 635 nm. Each row equals one detector.

Longpass filter (nm)	Detection bandwidth filter	range (nm)	How the detector is labeled in <u>FACSDiva</u>	What OTHER fluorochromes can be detected (not comprehensive)
755	780/60	750-810	APC-Cy7	APC-H7, APC-AlexaFluor750, APC-eFluor 780
685	710/50	685-735	APC-Cy5.5	AlexaFluor660, AF680, AF700
---	660/20	650-670	APC	AlexaFluor633, AF647

Additional Filter Sets

Longpass filter (nm)	Detection bandwidth filter	range (nm)	How the detector is labeled in <u>FACSDiva</u>	What OTHER fluorochromes can be detected (not comprehensive)
635	670/14	663-677		PE-Cy5 (TriColor, CyChrome), PerCP
600	610/20	600-620		Texas Red (bad!)
---	525/50	500-550		AlexaFluor430 (bad!), Cascade Yellow, "LIVE/DEAD-Aqua"