

Laser	PMT	Filters		Example Fluorochromes *
		LP	BP/LP	
Pinhole 1 488nm 200mW	1			FSC-Par
	2			FSC-Per
	3		488/10	SSC
	4		520/15 BP	FITC, AF488, BB515, GFP, LD Green, SYBR Green, Vio 515, JC-1 Green
	5	527	542/27 BP	YFP, SYBR Gold, mBanana, SYTOX Green
	6	560	585/40 BP	PE, JC-1 Red
	7	610	692/40 BP	PerCP Cy5.5, PerCp eFluor710, PerCp-Vio700
Pinhole 2 405nm 50mW	16		460/50 BP	BV421, V400, SYTOX Blue, Zombie Aqua, Vio Blue
	17	480	520/35 BP	BV510, V500, Vio Green
	18	550	610/20 BP	BV605, eVolve605, Zombie Yellow
	19	645	660/20 BP	BV650, eVolve655
	20	685	710/50 BP	BV711
	21	740	750 LP	BV786, BV785
Pinhole 3 561nm 75mW	8		585/29 BP	PE, DsRed, dTomato, mOrange, mTangerine, mStrawberry
	9	600	610/20 BP	PE-CF594, AF594, PE-TexRed, mCherry, PI, mRaspberry, LD Red
	10	645	670/360 BP	PE-Cy5, mPlum, 7AAD
	11	700	750LP	PE-Cy7, PE-Vio770
Pinhole 4 355nm 100mW	12	400	460/50 BP	AF350, DAPI, Hoechst 33258, Hoechst 33342 Blue, Zombie UV
	13	550	670/30 BP	BUV661, Hoechst 33342 Red
Pinhole 5 642nm 50mW	14		670/30	APC, AF647, DRAQ5, eFluor660, LD Far Red, SYTOX Red
	15	700	750LP	APC-Cy7, APC-eFluor780, LD NIR

* These are examples of fluorophore for each filter sets. Check fluorophores excitation and emission for instrument compatibility