

ShadowFACS Configuration

*FSC & SSC off 488nm

Laser Name	Detector	Filter	Dichroic Mirror	Examples of Fluorescent Labels that can be used
488nm 200mW	A	710/50 BP	670 LP	PerCP-Cy5.5, BB700
	B	530/40 BP	505 LP	FITC, AF488, GFP, YFP, Zombie-Green
640nm 120mW	A	780/60 BP	750LP	APC-Cy7, Zombie NIR
	B	720/40 BP	685LP	APC, AF647
	C	670/30 BP	-	Alexa Fluor 700, AF680, Draq7
532nm 150mW	A	780/60 BP	750 LP	PE-Cy7
	B	670/30 BP	650LP	PE-Cy5
	C	610/20 BP	600 LP	PE-TR, mCherry, 7-AAD, PI, PE-Dazzle
	D	580/30 BP	-	PE, tdTomato, AF594, RFP, TMRE, TMRM, PE-Dazzle
405nm 100mW	A	750 LP	740 LP	BV785, BV786
	B	610/20 BP	600 LP	BV605
	C	525/50 BP	495 LP	BV510, LD Aqua, CFP
	D	440/40 BP	-	DAPI, Pacific Blue, BV421, Hoechst, Zombie Violet, BFP, <u>Dylight 405</u>