

Kirin Influx Optical Configuration

*FSC & SSC off 488nm

Laser Name	PMT	Bandpass	Parameter name in Software	Examples of Fluorescent Labels that can be used
488nm 200mW	PMT 1		FSC	FSC
	PMT 2		SSC	SSC
	PMT 3	530/40	FITC	FITC, BB515, GFP, A488, YFP, CFSE, <u>DycCycle Green</u>
	PMT 4	710/50	PerCP-Cy5.5	PerCP-Cy5.5, PerCP-eF710, BB700, <u>PerCP</u>
561nm 150mW	PMT 5	593/40	PE	PE, RFP, <u>dsRed</u> , <u>tdTomato</u> , <u>mCherry</u> , PE-Dazzle, PE-CF594, PI
	PMT 6	670/30	PE-Cy5	PE-Cy5, 7-AAD
	PMT 7	710/50	PE-Cy5.5	PE-Cy5.5,
	PMT 8	750LP	PE-Cy7	PE-Cy7
640nm 120mW	PMT 9	670/30	APC	APC, AF647, DRAQ5, SYTOX Red
	PMT 10	720/40	AF700	AF700
	PMT 11	750LP	APC-Cy7	APC-Cy7, Zombie NIR, APC-eF780
405nm 100mW	PMT 12	460/50	BV421	<u>BV421</u> , <u>DAPI</u> , Pacific Blue, Live/Dead Violet
	PMT 13	520/35	V500	V500, BV510, <u>mAmetrine</u>
	PMT 14	585/40	BV570	BV570, Pacific Orange
	PMT 15	610/20	BV605	BV605
	PMT 16	660/20	BV650	BV650
	PMT 17	710/50	BV711	BV711
	PMT 18	750LP	BV786	BV785, BV786