

Symphony Optical Detector and Filter Layout

Detector Array	Position of PMT	Lambda of Band-Pass Filter	Dichroic	Filter Name	Fluorochrome (Example)
488 Laser (200mW)	G	488			Slab Scatter
	F	530/30	505LP	B 530/30	FITC / GFP / Alexa Fluor 488 / BB515 / VioBright 516 / YFP
	E	610/20	600LP	B 610/20	BB630
	D	670/30	635LP	B 670/30	PerCP / 7AAD / PI / BB660P*
	C	710/50	685LP	B 710/50	BB700P*/PerCP Cy5.5
	A	750/30	735LP	B 750/30	BB735P*
561 Laser (200mW)		780/60	750LP	B 780/60	BB790P*
	E	586/15		Y 586/15	PE / dTomato / mOrange / DS Red (RFP) / TRITC / BYG584P*
	D	610/20	600LP	Y 610/20	PE CF594 / PI / ECD / mCherry / PE-Vio 615 / PE TxRed
	C	670/30	635LP	Y 670/30	PECy5 / 7AAD / BYG670P*
	B	710/50	685LP	Y 710/50	PE Cy5.5
637 Laser (140mW)	A	780/60	750LP	Y 780/60	PE Cy7 / PE-Vio770 / BYG790P*
	C	670/30		R 670/30	APC / Alexa Fluor 647 / Cy5
	B	730/45	690LP	R 730/45	APC Cy5.5 / APC R700 / Alexa Fluor 700
405 Laser (200mW)	A	780/60	750LP	R 780/60	APC Cy7 / APC H7 / APC Alexa 750 / APC-Vio770 / Alexa 780
	H	450/50		V 450/50	Pacific Blue / V450 / BV421 / BFP / VioBlue / Casc. Blue / CFP / DAPI
	G	525/50	505LP	V 525/50	Krome Orange / Pacific Orange / AmCyan / V500 / BV510 / VioGreen / Casc. Yellow
	F	586/15	550LP	V 586/15	BV570
	E	605/40	595LP	V 605/40	BV605 / Qdot 605
	D	677/20	635LP	V 677/20	BV650
	C	710/50	685LP	V 710/50	BV711
	B	750/30	735LP	V 750/30	BV750P*
355 Laser (100mW)	A	780/60	750LP	V 780/60	BV786 / Qdot 800
	G	379/28		UV 379/28	BUV395
	F	515/30	450LP	UV 515/30	BUV496
	E	580/20	550LP	UV 580/20	BUV563
	D	605/20	595LP	UV 605/20	BUV615P*
	C	670/25	630LP	UV670/25	BUV661
	B	735/30	690LP	UV 735/30	BUV737
	A	810/40	770LP	UV 810/40	BUV805