

FACSymphony™ Setup

Laser	Detector	LP Filter	BP Filter	Parameter Name	Fluorochromes detectable (examples)
355 nm (UV)	A	770	810/40	UV - 780	BUV805
	B	690	735/30	UV - 735	BUV737
	C	630	670/25	UV - 670	BUV661
	D	595	605/20	UV - 605	BUV615-P
	E	550	580/20	UV - 580	BUV563
	F	490	515/30	UV - 515	BUV496
	G	410	450/50	UV - 450	DAPI, Hoechst
	H	-	379/28	UV - 379	BUV395
405 nm (violet)	A	770	810/40	Vio - 810	BV786, BV785, QDot800, SB780
	B	735	750/30	Vio - 750	BV750-P
	C	685	710/50	Vio - 710	BV711, QDot705, SB702
	D	635	677/20	Vio - 677	BV650, QDot650, SB645
	E	595	605/40	Vio - 605	BV605, QDot605, eF615, SB600
	F	550	586/15	Vio - 586	BV570
	G	505	525/50	Vio - 525	BV480, BV510, V500, Pacific Orange, AmCyan
	H	410	431/28	Vio - 431	BV421, eF450, V450, Pacific Blue, SB436, DAPI
488 nm (blue)	A	770	810/40	Blue - 810	BB790-P
	B	735	750/30	Blue - 750	BB575-P
	C	685	710/50	Blue - 710	PerCP-Cy5.5, BB700-P
	D	635	670/30	Blue - 670	PerCP, B660-P
	E	600	610/20	Blue - 610	BB630-P
	F	505	530/30	Blue - 530	FITC, GFP, YFP, CFSE, AF488, BB515
	G	-	488/10	SSC	SSC (Side scatter)
561 nm (yellow-green)	A	750	780/60	YG - 780	PE-Cy7, PE-eF780, PE-Fire780, PE-Vio770
	B	685	710/50	YG - 710	PE-Cy5.5, PE-AF700
	C	635	670/30	YG - 670	PE-Cy5, 7-AAD
	D	600	610/20	YG - 610	PE-TR, PE-CF594, PE-eF610, tdTomato, AF594, PI
	E	570	586/15	YG - 586	PE, mCherry, BYG584-P
633 nm (red)	A	750	780/60	Red - 780	APC-Cy7, APC-H7, APC-eF780, APC-Fire750
	B	690	730/45	Red - 730	AF700, ACP-AF680
	C	-	670/30	Red - 670	APC, AF647, eF660

P = so far prototype only