

**Configuration BD FACSymphony S6**

5 lasers, 31 parameters

Laser	PMT	LP Mirror	BP filter	Name	Fluorochromes
<b>355 nm UV</b>	A	770	810/40	BUV805	BUV805
	B	690	735/30	BUV737	BUV737
	C	630	670/25	BUV661	BUV661, Hoechst Red
	D	600	610/20	BUV615	BUV615
	E	550	580/20	BUV563	BUV563
	F	490	515/30	BUV496	BUV496
	G	410	450/50	DAPI	DAPI, LD Blue, ZombieBlue, Hoechst, FVS440UV
	H	370	379/28	BUV395	BUV395
<b>405 nm violet</b>	A	770	810/40	BV786	BV786
	B	735	750/35	BV750	BV750
	C	685	710/20	BV711	BV711
	D	635	677/20	BV650	BV650
	E	595	605/40	BV605	BV605
	F	550	586/15	BV570	BV570, FVS570
	G	505	525/50	BV480	BV510, BV480, LD aqua, V500, AmCyan, mTurquoise
	H	410	431/28	BV421	BV421, eF450, CFP, PacBlue, BFP, Cell Tracer Violet
<b>488 nm blue</b>	A	770	810/40	PE-Cy7	RB780
	B	735	750/30	RB744	RB744
	C	685	710/50	PerCP-Cy5.5	BB700, PerCPCy5.5, 7-AAD, RB705
	D	635	670/30	BB660	PerCP, RB670
	E	600	610/20	RB613	RB613
	F	505	530/30	FITC	FITC, AF488, BB515, GFP, CSFE, LDgreen
	G	-	488/10	SSC	SSC
<b>561 nm yellow/green</b>	A	750	780/60	RY775	PE-Cy7, RY775
	B	635	670/30	BYG670-P	PE-Cy5, 7-AAD, RY660, mPlum, E2-Crimson
	C	600	610/20	RY610	PE-Texas Red, PE-CF594, PE-Dazzle 594, PI, mCherry, RFP, RY610
	D	570	586/15	PE	PE, DsRed, Cy3, RY568, DT Tomato
<b>637 nm red</b>	A	750	780/60	APC-Cy7	APC-Cy7, APC-H7, AF750, eF780, LD NIR, FVS780
	B	690	730/45	APC-R700	APC-R700, AF700, DRAQ5, Red718
	C	655	670/30	APC	APC, AF647, eF660, DRAQ7, LD farRed