

## FACSymphony S6 Configuration

31 parameters

Laser	PMT	LP Mirror	BP filter	Name	Fluorochromes
UV 355 nm	A	770	820/60	UV 820/60	BUV805
	B	690	740/35	UV 740/35	BUV737
	C	630	670/25	UV 670/25	BUV661
	D	600	615/24	UV 615/24	BUV615
	E	550	580/20	UV 580/20	BUV563
	F	450	515/30	UV 515/30	BUV496
	G	410	450/50	UV 450/50	DAPI, FVS440
	H	370	379/28	UV 379/28	BUV395
Violet 405 nm	A	770	800/30	Vio 800/30	BV786
	B	735	750/35	Vio 750/35	BV750
	C	685	710/20	Vio 710/20	BV711
	D	640	675/20	Vio 675/20	BV650
	E	595	610/20	Vio 610/20	BV605
	F	550	586/15	Vio 586/15	BV570
	G	505	525/50	Vio 525/50	BV510 or BV480
	H	410	431/28	Vio 431/28	BV421, eF450, CFP
Blue 488 nm	A	770	820/60	Blue 820/60	BB790
	B	735	750/35	Blue 750/35	BB755
	C	685	710/50	Blue 710/50	BB700, PerCPCy5.5
	D	635	670/25	Blue 670/25	BB660, PerCP
	E	600	610/20	Blue 610/20	BB630
	F	505	530/30	Blue 530/30	BB515, FITC, AF488, GFP
	G	-	488/10	SSC	SSC
Yellow/Green 561 nm	A	750	780/60	YG 780/60	PE-Cy7, BYG790
	B	635	670/30	YG 670/30	PE-Cy5, 7-AAD, BYG670
	C	600	610/20	YG 610/20	PE-Texas Red, PE-CF594, PI, mCherry, RFP
	D	570	586/15	YG 586/15	PE, DsRed, Cy3, BYG568
Red 637 nm	A	750	780/60	Red 780/60	APC-Cy7, APC-H7, AF750, eF780
	B	690	730/45	Red 730/45	APC-R700, AF700
	C	655	670/30	Red 670/30	APC, AF647, eF660