

Optical setup FACSymphony A5 SE
Flow Cytometry Core Facility ETHZ

	Laser	Power	Name	Mirror	Bandpass	Common Fluorochrome
1	355nm	65mW	UV379	365	379/34	BUV395, Spark UV387
2			UV446	425	446/67	DAPI, L/D Blue, Hoechst Blue
3			UV515	495	515/60	BUV496
4			UV540	535	540/20	
5			UV585	570	585/30	BUV563
6			UV610	595	610/30	BUV615
7			UV660	645	660/30	BUV661
8			UV695	675	695/40	
9			UV736	704	736/64	BUV737, Hoechst Red
10			UV809	765	809/82	BUV805
11	405nm	200mW	V427	415	427/25	BV421
12			V450	430	450/40	Pacific Blue, V450
13			V470	465	470/15	BV480, Sytox Blue,
14			V510	495	510/40	BV510, L/D Aqua, Amcyan
15			V540	530	540/20	
16			V576	570	576/20	BV570
17			V595	585	595/30	BV605
18			V615	605	615/25	PI
19			V660	645	660/30	BV650
20			V680	665	680/30	
21			V710	690	710/40	BV711
22			V750	730	750/40	BV750
23			V785	765	785/40	BV786
24			V845	810	845/70	
25	488nm	150mW	B510	500	510/20	FITC, AF488, BB515, Sytox Green, GFP
26			B537	520	537/32	Spark Blue550, YFP
27			B576	570	576/20	Spark Blue576
28			B602	585	602/40	BB630, PI
29			B660	645	660/30	BB660
30			B675	665	675/20	PerCP
31			B710	685	710/50	PerCPcy5.5, BB700
32			B750	724	750/60	BB755
33			B810	770	810/79	BB790
34	561nm	150mW	YG585	570	585/30	PE, BYG584, dTomato, Sytox Orange, DsRed
35			YG602	595	602/40	PE-CF594, PETxRed, PI, mCherry
36			YG660	645	660/30	7-AAD
37			YG670	665	670/20	PE-Cy5
38			YG695	680	695/40	
39			YG730	699	730/50	PE-Cy5.5
40			YG750	735	750/40	
41			YG780	750	780/60	PE-Cy7
42			YG825	800	825/49	PE-Fire 810
43	640nm	140mW	R660	645	660/30	AF633, Sytox Red
44			R675	665	675/20	APC, AF647
45			R680	680	680/30	Spark NIR685, AF680
46			R710	699	710/25	APC-R700
47			R730	720	730/50	AF700, R718
48			R780	750	780/60	APC-Cy7, L/D NIR, eFlour780