


FACSymphony S6 (5 lasers)	Moody Foundation Flow Cytometry Facility				 CHILDREN'S MEDICAL CENTER RESEARCH INSTITUTE AT UT SOUTHWESTERN			
	LASER	LP	BP FILTER	DETECTOR	FLUOROCHROME	EXCITATION	EMISSION	VENDOR
488 nm EX 50 mW		488/10	J	SSC				
	505	515/20	F	GFP		488	509	
	505	515/20	F	FITC		495	519	
	505	515/20	F	Alexa Fluor 488		495	519	
	505	515/20	F	Live/Dead Green		495	520	Invitrogen
	505	515/20	F	CFSE		494	521	
	505	515/20	F	Acridine Orange		502	526	
	505	515/20	F	TOTO-1		509	533	
	600	610/20	E	BB630				
	635	670/30	D	BB660				
	690	710/50	C	PE-Dyomics 647		488	672	Abcore
	690	710/50	C	BB700				
	690	710/50	C	PerCP		490	678	
	690	710/50	C	PerCP-Cy5-5		488	695	
	690	710/50	C	PerCP-Vio700		488	704	Miltenyi
	690	710/50	C	PerCP-eFluor710		488	710	
	730	750/30	B	BB755				
770	780/60	A	BB790					

561 nm EX 100 mW	570	586/15	G	Alexa Fluor 555		555	565	
	570	586/15	G	Cy3		550	570	
	570	586/15	G	Alexa Fluor 546		556	573	
	570	586/15	G	PE		488, 565	576	
	570	586/15	G	TRITC		557	576	
	570	586/15	G	X-Rhodamine		570	576	
	570	586/15	G	RPE		488, 565	578	
	570	586/15	G	TdTomato		554	581	
	570	586/15	G	DsRed		563	592	
	600	610/20	F	PE-CF594		488, 565	594	
	600	610/20	F	ECD		488, 575	610	
	600	610/20	F	mStrawberry		574	596	
	600	610/20	F	mCherry		587	610	
	600	610/20	F	PE-TxRed		488, 565	613	
	600	610/20	F	Live/Dead Red		488, 565	615	Invitrogen
	600	610/20	F	Texas Red		596	615	
	600	610/20	F	Alexa Fluor 594		590	617	biologend
	600	610/20	F	Propidium Iodide		540	620	
	600	610/20	F	PE-Alexa Fluor 610		488, 565	628	Life Technology
	650	670/30	E	7-AAD		550	645	
	650	670/30	E	PE-Cy5		488, 565	666	
	650	670/30	E	Tri-Color		488, 565	670	
	650	670/30	E	Quantum Red		488, 565	670	
	690	710/50	B	PE-Cy5-5		488, 567	690	ebioscience
	690	710/50	B	PE-Alexa Fluor 700		488, 577	723	Life Technology
750	780/60	A	PE-Vio770		488, 561	775	Miltenyi	
750	780/60	A	PE-Alexa Fluor 750		488, 545	779		
750	780/60	A	PE-Cy7		488, 565	785		

637 nm EX 100 mW	650	670/30	D	Alexa Fluor 633		632	647	
	650	670/30	D	APC		640	660	
	650	670/30	D	eFluor 660		633	660	ebioscience
	650	670/30	D	TO-PRO-3		642	661	
	650	670/30	D	TOTO-3		642	661	
	650	670/30	D	Live/Dead Far Red		650	665	Invitrogen
	650	670/30	D	Alexa Fluor 647		650	668	
	650	670/30	D	Cy5		633	675	
	650	670/30	D	Draq5		647	681	
	690	710/50	B	APC-Cy5-5		633	694	
	690	710/50	B	Alexa Fluor 680		679	702	
	690	710/50	B	Alexa Fluor 700		696	719	
	690	710/50	B	Ghost Dye Red 710		633	710	Tombo
	750	780/60	A	Zombie NIR		718	746	biologend
	750	780/60	A	APC-Vio770		635	775	Miltenyi
	750	780/60	A	Live/Dead Near IR Red		635, 750	775	Invitrogen
	750	780/60	A	APC-C750		633	779	Cytognos
	750	780/60	A	APC-Alexa Fluor 750		650	779	
	750	780/60	A	APC-eFluor 780		640	780	ebioscience
	750	780/60	A	Ghost Dye Red 780		633	780	Tombo
750	780/60	A	APC-H7		650	785	BD	
750	780/60	A	APC-Cy7		650	785		

405 nm EX 100 mW	410	431/28	M	Brilliant Violet 421	407	421	BD/BioLegend
	410	431/28	M	Alexa Fluor 405	401	421	
	410	431/28	M	Cascade Blue	400	425	
	410	431/28	M	DyeCycle Violet	370	437	Life Technologies
	410	431/28	M	V450	404	448	BD
	410	431/28	M	Violet Proliferation Dye 450	405	450	BD
	410	431/28	M	Fixable Viability Stain 450	405	450	BD
	410	431/28	M	eFluor 450	407	450	ebioscience
	410	431/28	M	Violet Fluor 450	405	450	Tombo
	410	431/28	M	Ghost Dye Violet 450	450	450	Tombo
	410	431/28	M	CaCeIn Violet	400	450	Life Technologies
	410	431/28	M	Live/Dead Violet	416	451	Invitrogen
	410	431/28	M	Pacific Blue	404	455	
	410	431/28	M	VioBlue	400	455	Miltenyi
	450	470/14	L	SYTOX blue	444	480	
	450	470/14	L	BV510			
	450	470/14	L	Cyan Fluorescent Protein (CFP)	435	485	
	450	470/14	L	AmCyan	458	489	
	450	470/14	L	V500	415	500	BD
	450	470/14	L	Horizon V500	415	500	
	450	470/14	L	Ghost Dye Violet 510	405	510	Tombo
	450	470/14	L	Zombie Aqua	382	520	biolegend
	450	470/14	L	Brilliant Violet 510	325 307	510	BD/BioLegend
	450	470/14	L	OC515	407	515	
	450	470/14	L	VioGreen	405	520	Miltenyi
	450	470/14	L	Qdot 525	405	525	
	450	470/14	L	Live/Dead Aqua	367 305	526	Invitrogen
	450	470/14	L	Krome Orange	398	528	Beckman Coulter
	450	470/14	L	Alexa Fluor 430	434	539	
	450	470/14	L	Cascade Orange	400	550	Dako
	450	470/14	L	Pacific Orange	400	551	
	450	470/14	L	Zombie Yellow	396	572	biolegend
	550	586/15	F	Brilliant Violet 570			
	600	610/20	E	Brilliant Violet 605			
	635	670/30	D	eFluor 625NC	405	625	ebioscience
	635	670/30	D	V550	415	550	BD
	635	670/30	D	Brilliant Violet 650	405	650	BD/BioLegend
	635	670/30	D	eFluor 650NC	405	650	ebioscience
	635	670/30	D	Qdot 655	405	655	
	690	710/50	C	Qdot 685	405	685	
	690	710/50	C	Brilliant Violet 711	407	411	BD/BioLegend
	690	710/50	C	Qdot 705	405	705	
	740	750/30	B	Brilliant Violet 750			
	750	780/60	A	Brilliant Violet 785	407	785	BioLegend
	750	780/60	A	Brilliant Violet 786	407	786	BD
355 nm EX 60 mW	none	379/28	I	Brilliant UV 395	360	395	BD
	410	450/50	I	Alexa Fluor 350	347	442	
	410	450/50	I	Live/Dead Blue	350	450	Invitrogen
	410	450/50	I	Uvid	350	450	
	410	450/50	I	Hoechst 33258	346	460	
	410	450/50	I	DAPI	375	461	
	410	450/50	I	Hoechst 33342	343	483	
	410	450/50	I	Brilliant UV 496	360	496	BD
	450	515/30	G	Brilliant UV 496	360	737	BD
	550	586/15	F	Brilliant UV 563			
	600	610/20	E	Brilliant UV 615			
	635	670/30	D	Brilliant UV 661			
	690	740/35	B	Brilliant UV 737	360	737	BD
	770	820/60	A	Brilliant UV 805			