

Sully (A5SE2): Laser and filter configuration

Symphony A5SE



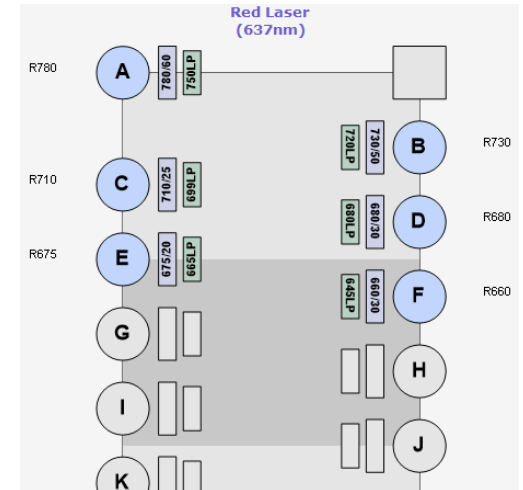
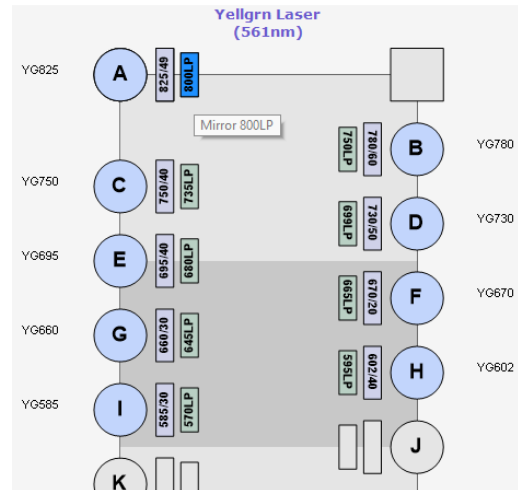
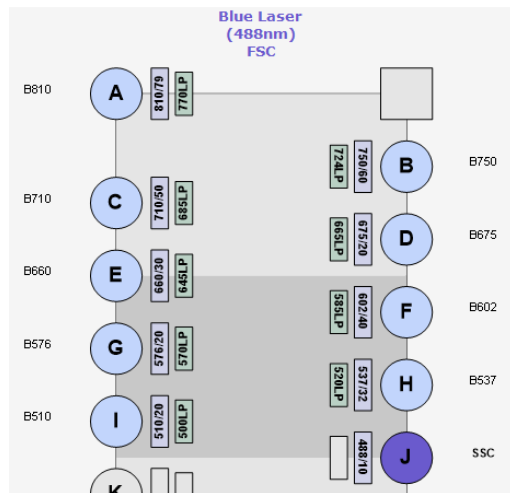
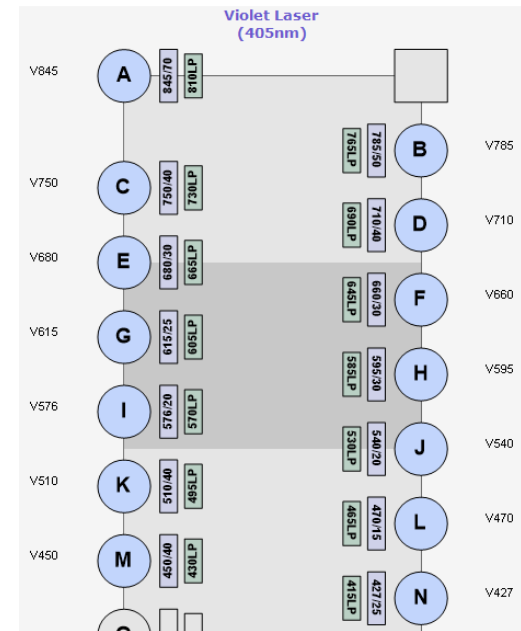
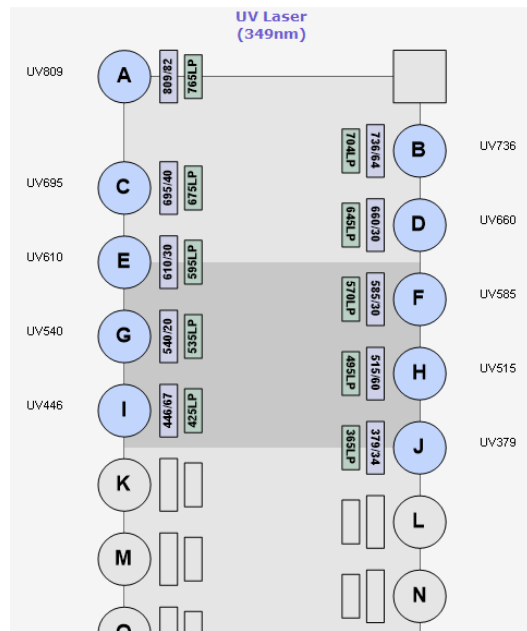
Laser	LP	BP	Parameter	Peak channel	Laser	LP	BP	Parameter	Peak channel
349 nm 60 mW	365 LP	379/34	UV379	BUV395 , Indo-1 (Ca ²⁺ bound), AF350	488 nm 150 mW	500 LP	510/20	B510	BB515 , FITC, GFP
	425 LP	446/67	UV446	DAPI , Live/Dead blue, Zombie 1 IV		520 LP	537/32	B537	AF488 , YFP, mVenus, SparkBlue550, RB545
	495 LP	515/60	UV515	BUV496 , Live/dead aqua, Indo-1, SBUV510		570 LP	576/20	B576	Spark Blue 574
	535 LP	540/20	UV540			585 LP	602/40	B602	BB630 , RB613
	570LP	585/30	UV585	BUV563		645 LP	660/30	B660	BB660
	595 LP	610/30	UV610	BUV615		665 LP	675/20	B675	PerCP
	645 LP	660/30	UV660	BUV661		685 LP	710/50	B710	BB700 , PerCP-e710, PerCP-Cy5.5, RB705
	675 LP	695/40	UV695			724 LP	750/60	B750	BB755
	704 LP	736/64	UV736	BUV737		770 LP	810/79	B810	BB790 , RB780
405 nm 200 mW	765 LP	809/82	UV809	BUV805	561 nm 150 mW	570 LP	585/30	YG585	PE , TdTomato, DsRed, RY586
	415 LP	427/25	V427	BV421 , SV423		595 LP	602/40	YG602	PE-CF594 , PE-Dazzle594, PE-e610, PI, mCherry, RFP, PE-TXRed
	430 LP	450/40	V450	V450 , Pacific blue, eFluor 450, SB436, BFP		645 LP	660/30	YG660	PE-Cy5 , 7-AAD, PE-Fire640
	465 LP	470/15	V470	BV480		665 LP	670/20	YG670	
	495 LP	510/40	V510	BV510 , Horizon V500		680 LP	695/40	YG695	PE-Cy5.5 , PE-Fire700
	530 LP	540/20	V540	AmCyan , SparkViolet538		699 LP	730/50	YG730	
	570 LP	576/20	V576	BV570		735 LP	750/40	YG750	
	585 LP	595/30	V595	BV605		750 LP	780/60	YG780	PE-Cy7
	605 LP	615/25	V615	SB600		800 LP	825/49	YG825	PE-Fire810 , PE-Vio710
	645 LP	660/30	V660	BV650 , SB645	637 nm 140 mW	645 LP	660/30	R660	Sytox Red , TO-PRO-3
	665 LP	680/30	V680			665 LP	675/20	R675	APC , AF647, DRAQ-7
	690 LP	710/40	V710	BV711 , SB702		680 LP	680/30	R680	AF660 , DRAQ-5
	730 LP	750/40	V750	BV750		699 LP	710/25	R710	APC-R700 , R718
	765 LP	785/50	V785	BV786 , SB780		720 LP	730/50	R730	AF700 , Live/Dead NIR
	810 LP	845/70	V845			750 LP	780/60	R780	APC-Cy7 , APC-H7, APC-e780, APC-Fire810

*PI and/or 7-AAD may be problematic depending on the panel

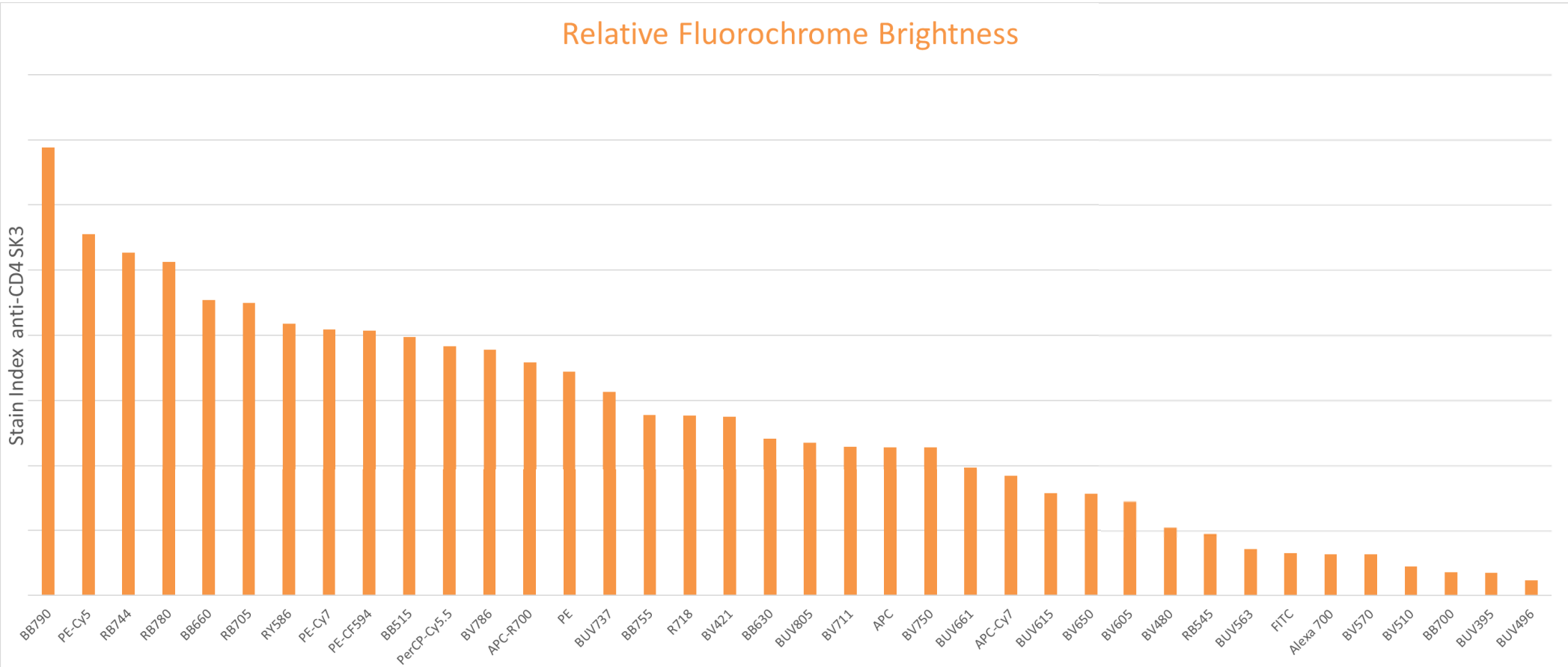
**Do not combine PerCP-Cy5.5 and PE-Cy5.5 in compensation mode

*** BOLD is common Fluor used

Sully (A5SE2): Laser and filter configuration diagram



Sully (A5SE2): Ranking of fluorochrome brightness



Stain indices and spread matrices were calculated by staining human PBMCs with anti-human CD4 (SK3 clone) conjugated to each of the fluors indicated at the optimal voltage settings in spectral mode. Voltage settings were optimized by volttration of unstained PBMCs.

Sully (A5SE2): Total Spread Matrix (TSM)

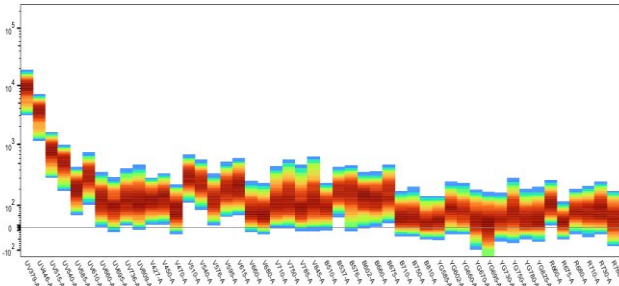
TSM	B510-A	B537-A	B602-A	B660-A	B710-A	B750-A	B810-A	R675-A	R710-A	R730-A	R780-A	UV379-A	UV515-A	UV585-A	UV610-A	UV660-A	UV736-A	UV809-A	V427-A	V470-A	V510-A	V576-A	V615-A	V660-A	V710-A	V750-A	V785-A	YG585-A	YG602-A	YG660-A	YG825-A
BB515		490.847	217.02	156.272	35.0238	37.8976	19.8957	49.7313	54.3837	63.7625	0	0	41.3062	17.9332	30.9474	30.2497	0.651589	0	10.6964	0	31.9631	25.3568	174.671	49.328	25.2708	30.6017	20.959	33.8775	77.0171	24.4503	0
FITC		155.023	83.3532	44.4507	9.55519	12.3154	0	0	83.1948	51.5479	28.2622	0	24.6659	15.41	0	0	24.6694	0.650421	0	0	19.1397	64.9647	24.5903	16.2276	1.16957	16.7195	37.9758	0	0	10.6684	
RB545	11.6342		96.9668	130.941	41.3535	31.5832	22.0468	36.3758	0	78.8091	33.8004	0	0	24.9331	46.5072	25.267	15.2082	17.2592	0.650421	0	0	94.0706	31.749	49.8976	32.5344	26.8455	50.7156	59.2249	21.1037	27.0946	
BB630	11.4312	56.5453		517.783	192.61	174.058	85.6957	153.081	421.359	431.625	62.8163	0	14.3241	44.271	352.161	173.652	131.156	112.921	29.2454	0	0	73.2955	455.675	171.178	234.276	128.615	190.267	690.254	269.551	89.1328	
BB660	0	42.4828	60.6616		300.053	296.752	166.071	510.123	1999.36	2468.6	409.924	0	14.0981	10.8284	70.9955	358.803	244.264	202.417	31.5345	0	0	19.1689	143.499	263.073	397.162	337.271	219.912	37.9775	85.7586	431.768	166.919
BB700	0	50.9461	64.9599	259.808		450.687	261.941	234.298	1659.31	1728.7	247.769	0	0	14.5191	46.5912	107.826	338.978	280.49	21.6622	0	0	28.2723	87.9323	81.5777	318.561	488.766	341.469	13.5174	47.1025	184.454	138.464
RB705	16.3367	66.2503	61.2494	114.989		903.95	541.695	140.141	2215.53	1965.94	277.248	0	14.4451	14.5609	0	34.7016	555.887	422.52	15.4283	0	0	12.4776	34.6347	26.3529	202.62	565.201	469.022	19.2224	34.6503	103.515	119.14
PerCP-Cy5_5	0	0	30.8075	64.2072		105.453	63.0497	65.9773	559.21	615.765	125.695	0	24.758	0	0	25.2307	91.7368	99.7724	0	0	0	19.0217	21.8335	120.19	142.116	102.096	0.684109	1.46692	46.2866	86.1899	
BB755	0	48.217	99.1665	89.4791	93.5532		305.906	44.7841	528.244	674.783	142.851	0	35.8489	20.9146	33.9272	44.6498	213.478	334.364	15.3026	0.861582	0	31.5957	96.1172	40.7232	94.9043	398.491	412.417	33.8734	76.8409	17.0621	98.3922
RB744	29.1034	46.0626	0	46.7125	187.058		614.353	52.0277	1142.09	1215.23	286.53	0	14.2484	0.559492	0	1.02383	387.17	383.932	0	0	0	19.0545	24.5987	185.888	278.97	234.993	0	0	17.0185	121.45	
BB790	0	63.2918	113.072	117.996	78.5287	434.847		51.3574	318.541	432.946	218.632	0	14.6007	23.538	71.4988	58.4976	151.008	832.621	38.0275	0	0	45.9644	105.59	40.7103	93.6533	467.502	1185.67	49.125	82.5217	21.1037	179.509
RB780	84.2595	88.5744	41.5921	32.073	54.1858	499.886		10.1922	239.773	387.477	174.015	0	0	0.979263	19.0194	19.2791	97.4451	483.246	0	0	0	48.7146	0	40.2031	181.372	348.745	0.542802	26.4206	0	171.722	
APC	0	0	0	423.593	100.898	34.9495	71.7608		1366.62	1667.4	289.547	0	1.43492	0.559492	0	139.614	107.499	89.1186	0.650421	0	0	44.0951	113.065	97.3397	105.621	56.3561	0	26.4206	424.228	142.849	
APC-R700	0	0	21.6313	140.744	84.3775	70.3668	132.476	205.746		4252.32	581.935	0	0	0	0	40.8354	200.816	171.956	0	0	0	48.7213	35.9947	118.864	168.627	123.41	28.3747	26.3991	127.629	343.202	
AF700	0	19.2541	0	53.9007	29.6016	34.3279	53.1878	82.6329	1360.82		248.099	0	14.3679	14.5609	0	15.6338	110.953	84.585	0	0	0	1.50713	14.7667	60.0863	136.128	88.5266	23.6622	41.253	39.9944	122.556	
R718	0	0	26.8321	48.8293	39.6486	36.5915	97.6678		2340.1		479.06	0	20.0747	0	0	15.5916	138.821	159.775	0	0	0	39.1134	31.7261	70.1697	117.154	95.9183	24.4689	15.2076	66.1574	179.192	
APC-Cy7	0	0	0	100.08	36.1405	44.4318	145.25	204.475	747.484	1271.11		0	32.2309	0	0	25.2307	62.0697	224.696	21.6318	0	0	23.7439	36.4185	27.0842	23.2571	144.699	191.687	0	30.6051	66.3529	366.979
BUV395	0	0	0	0	0	12.3108	9.52338	0	60.103	59.4022	12.3706		0	10.8136	0	19.2869	0	12.1179	0	0	0	13.3769	15.2166	0.839199	20.7954	11.7657	24.4626	1.78365	0	18.7574	
BUV496	11.5313	32.2805	25.8723	0	0	8.61184	0	23.4949	0	93.0032	17.6077	0		46.0033	95.7837	50.06	29.4661	33.1711	14.9854	0	88.9499	27.6951	61.1435	24.5903	23.3307	24.1286	16.7325	55.2054	116.778	0	24.5591
BUV563	0	54.9158	163.948	162.688	42.984	28.0414	16.7939	68.9665	207.138	220.168	41.0428	0	0		278.934	139.524	84.6866	64.9952	0.923203	0	0	30.8129	178.173	45.3337	36.1178	11.738	20.5812	308.011	385.265	122.46	39.8433
BUV615	0	10.88	399.746	343.915	70.3496	48.9305	63.0264	151.779	420.452	649.003	77.7339	0	0	81.0418		292.812	214.201	217.536	21.5684	22.8728	0	47.1997	305.194	77.3559	88.5027	72.1935	43.2711	239.392	1156.51	344.623	128.307
BUV661	0	0	37.8729	380.165	73.1242	67.593	74.5655	529.426	1871.4	2043.49	325.832	0	0	0	82.8608		383.604	346.969	0	0	0	63.0686	109.053	110.254	131.448	79.4756	35.0326	123.016	412.242	145.924	
BUV737	0	0	15.3761	37.3897	91.3089	250.425	153.312	79.1792	2201.37	3093.7	499.301	0	0	10.907	0	27.8187		594.863	0	13.0472	0	30.9175	36.4185	21.8335	97.3915	199.349	152.961	28.3786	26.4058	46.2222	156.634
BUV805	0	0	0	0	0	15.2459	44.5998	0	152.212	193.071	139.969	0	14.0981	10.8907	0	19.2715	37.8853		0	0	0	19.1689	0	24.5821	23.311	32.5906	101.661	31.8538	30.5832	0	96.3278
BV421	0	0	57.9523	12.772	0	0	0	0	46.9163	39.7985	12.3542	0	20.2402	27.5202	19.0643	27.8253	10.6865	0		103.792	252.775	69.854	50.9216	18.8029	23.3617	41.6065	1.35446	90.6628	54.4894	0	27.1008
BV480	52.0773	56.4924	118.529	50.869	0	12.3154	0	10.1888	99.9495	101.444	17.6146	0	109.265	42.37	102.566	40.8171	37.9231	27.7337	69.4119		412.779	191.266	192.319	68.4744	48.0845	47.6005	45.2852	150.545	135.598	0	18.772
BV510	0	0	82.6311	12.7669	0	20.0928	0	25.9263	114.446	123.639	12.6161	0	69.9055	65.9673	138.214	69.712	53.9556	46.6703	26.8476	51.8384		129.39	184.119	78.975	73.2069	89.4021	73.019	106.899	143.582	0	0.473842
BV570	0	0	134.758	132.519	28.5998	22.2387	22.0564	34.4427	132.513	136.505	12.3985	0	0	72.1222	143.974	78.9488	57.198	54.3578	78.3968	0	0		230.766	97.6001	88.5607	107.016	49.1435	195.47	267.93	125.096	48.9121
BV605	0	10.88	199.217	265.595	58.643	47.4546	62.9978	89.165	347.009	389.762	55.2794	0	13.9494	76.6056	288.126	201.101	170.881	165.213	73.8732	0	0	95.1832		198.265	199.334	254.126	186.938	226.132	552.855	258.419	122.943
BV650	0	0	66.1557	194.186	51.0083	42.913	44.6094	199.954	740.085	841.138	145.446	0	35.4175	10.907	100.669	349.349	207.323	195.345	89.8397	0	46.3046	23.6413	147.723		284.906	272.079	225.465	43.4066	132.761	229.94	81.771
BV711	0	0	14.8362	60.5645	81.6729	124.107	77.3962	86.328	1660.95	1680.71	346.397	0	0	15.4549	0	36.8283	520.101	385.979	92.618	0	0	19.1985	41.6539	31.7045		574.071	449.308	28.3653	26.3774	52.0658	116.011
BV750	0	22.2334	38.3673	0	24.3878	81.262	74.6308	10.1874	597.48	761.829	192.091	0	32.3084	10.859	19.1109	10.9732	324.878	442.514	53.5483	0	0	31.0299	41.6618	18.7833	119.702		506.017	24.4861	26.4465	0	74.2635
BV786	0	0	21.8268	12.772	0	61.9334	89.9847	0.246851	319.113	472.811	223.566	0	28.7084	0	13.4194	15.6329	182.071	1148.47	99.7954	0	9.46006	19.2591	41.6689	27.1387	48.1188	489.965		21.4752	0	115.843	
PE	0	42.5351	566.913	418.218	89.9938	75.9386	50.9563	108.658	181.412	216.661	31.1498	0	0	141.795	181.242	75.8572	41.7182	21.3169	56.7313	0	260.229	492.619	134.231	92.986	60.4457		47.25		470.622	262.259	72.8612
RY586	0	22.3297	827.727	592.359	109.904	70.2747	110.015	138.688	188.259	154.711	11.5389	0	14.5227	69.1596	147.434	75.7793	54.5585	49.6167	21.9019	26.301	0	116.436	321.644	124.868	46.4444	61.7028	66.1841	0	1309.82	569.333	179.538
PE-CF594	0	15.5522	584.673	565.046	206.388	185.269	134.515	137.031	420.876	432.063	77.7741	0	1.43492	24.8762	247.116	128.627	105.955	93.8669	21.5933	0	0	59.9034	356.98	140.339	194.158	143.488					

Sully (A5SE2): Spillover Spread Matrix (SSM)

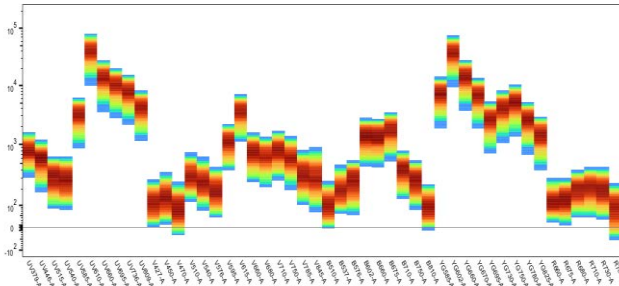
SSM	B510-A	B537-A	B602-A	B660-A	B710-A	B750-A	B810-A	R675-A	R710-A	R730-A	R780-A	UV379-A	UV515-A	UV585-A	UV610-A	UV660-A	UV736-A	UV809-A	V427-A	V470-A	V510-A	V576-A	V615-A	V660-A	V710-A	V750-A	V785-A	YG585-A	YG602-A	YG660-A	YG825-A	
BB515		1.5849	0.700738	0.504588	0.113088	0.122368	0.064241	0.160578	0.1756	0.205883	0	0	0.133374	0.057905	0.099926	0.097673	0.002104	0	0.034538	0	0.103206	0.081875	0.563996	0.159275	0.081597	0.09881	0.067675	0.109387	0.248681	0.078948	0	
FITC		1.99638	1.07342	0.572435	0.123052	0.158597	0	0	1.07138	0.663832	0.363959	0	0.317647	0.198449	0	0	0	0.317692	0.008376	0	0	0.24648	0.836614	0.316673	0.208979	0.015062	0.215314	0.489051	0	0	0.137387	
RB545	0.097049		0.808874	1.09228	0.344961	0.263459	0.18391	0.303438	0	0.657407	0.281955	0	0	0.207986	0.387952	0.210772	0.126863	0.143972	0.005426	0	0	0	0.784715	0.264843	0.416234	0.271394	0.223939	0.423058	0.49404	0.176042	0.226017	
BB630	0.0572225	0.283066		2.59202	0.964204	0.871337	0.428993	0.766321	2.10932	2.16071	0.314458	0	0.071706	0.22162	1.76292	0.869303	0.656568	0.565283	0.146402	0	0	0.366917	2.28111	0.856915	1.17279	1.00427	0.643847	0.952476	3.45541	1.34937	0.446199	
BB660	0	0.132959	0.189853		0.93908	0.928749	0.519753	1.59654	6.25741	7.72602	1.28294	0	0.044123	0.03389	0.222196	1.12295	0.764477	0.633506	0.098694	0	0	0.059993	0.449112	0.823343	1.243	1.05556	0.688262	0.118859	0.2684	1.35131	0.52241	
BB700	0	0.255529	0.325817	1.30311		2.2605	1.31381	1.17516	8.32254	8.67058	1.24273	0	0	0.072823	0.233686	0.54082	1.7002	1.40685	0.10865	0	0	0.141804	0.441039	0.409167	1.5978	2.45149	1.7127	0.067799	0.236251	0.92516	0.69449	
RB705	0.056266	0.228176	0.210952	0.396038		3.11333	1.86567	0.482665	7.6306	6.77096	0.954881	0	0.049751	0.05015	0	0.119517	1.91455	1.45522	0.053137	0	0	0.042975	0.119287	0.090763	0.697853	1.94663	1.61538	0.066205	0.119341	0.356519	0.410334	
PerCP-Cy5_5	0	0	0.594976	1.24001		2.03659	1.21766	1.2742	10.7999	11.8921	2.42751	0	0.478143	0	0	0.487273	1.77169	1.92687	0	0	0	0	0.36736	0.421663	2.32119	2.74464	1.97175	0.013212	0.02833	0.893918	1.66456	
BB755	0	0.300767	0.618578	0.55815	0.583564		1.90817	0.279353	3.29506	4.20914	0.891071	0	0.223617	0.13046	0.21163	0.278515	1.33162	2.08569	0.095454	0.005374	0	0.197087	0.599557	0.254022	0.591992	2.4857	2.57256	0.211294	0.479316	0.10643	0.613748	
RB744	0.094276	0.149213	0	0.151318	0.605946		1.9901	0.168536	3.69962	3.93656	0.92817	0	0.046155	0.001812	0	0.003317	1.25418	1.24369	0	0	0	0	0.061724	0.079684	0.602155	0.903679	0.761223	0	0	0.055129	0.393418	
BB790	0	0.280182	0.50055	0.522346	0.347633	1.92499		0.22735	1.41013	1.91658	0.967847	0	0.064635	0.104199	0.316513	0.258959	0.668487	3.68587	0.168341	0	0	0.203477	0.467429	0.180218	0.414587	2.06955	5.24875	0.217468	0.365309	0.093423	0.794655	
RB780	0.315326	0.331474	0.155651	0.120028	0.202781	1.87074		0.0381425	0.897307	1.45006	0.65122	0	0	0.003665	0.071177	0.072149	0.364671	1.80846	0	0	0	0	0.182306	0	0.150453	0.678754	1.30512	0.002031	0.098874	0	0.642639	
APC	0	0	0	3.36652	0.801893	0.277763	0.570322		10.8613	13.2518	2.30119	0	0.011404	0.004447	0	1.10959	0.854351	0.708274	0.005169	0	0	0	0.350448	0.898591	0.773612	0.83943	0.447893	0	0.209979	3.37157	1.1353	
APC-R700	0	0	0.078883	0.51325	0.307698	0.256606	0.483097	0.750292		15.5069	2.12213	0	0	0	0	0.148914	0.732313	0.627071	0	0	0	0	0.177671	0.131261	0.433459	0.614931	0.450039	0.103474	0.096269	0.465421	1.25155	
AF700	0	0.133495	0	0.373713	0.205239	0.238008	0.36877	0.572923	9.43506		1.72015	0	0.099618	0.100956	0	0.108394	0.769277	0.586457	0	0	0	0	0	0.01045	0.102383	0.4166	0.943822	0.613786	0.164059	0.286022	0.277295	0.849722
R718	0	0	0.109518	0.199303	0.161831	0.149352	0.36697	0.398643	9.55139		1.95534	0	0.081937	0	0	0.063639	0.566613	0.65214	0	0	0	0	0	0.159646	0.129494	0.286406	0.478179	0.391502	0.099873	0.062072	0.270029	0.731394
APC-Cy7	0	0	0	0.52601	0.189951	0.23353	0.763423	1.0747	3.92871	6.68083		0	0.169403	0	0	0.13261	0.326233	1.18098	0.113695	0	0	0.124796	0.191413	0.142352	0.122237	0.760525	1.00749	0	0.160858	0.348745	1.92881	
BUV395	0	0	0	0	0	0.131631	0.101827	0	0.642642	0.635149	0.13227		0	0.115623	0	0.206222	0	0.129569	0	0	0	0	0	0.14303	0.162701	0.008973	0.222352	0.125803	0.261562	0.019071	0	0.200561
BUV496	0.182926	0.512082	0.410425	0	0	0.136614	0	0.372711	0	1.47535	0.279319	0		0.729772	1.51946	0.794126	0.467435	0.526209	0.237721		0	1.41105	0.43934	0.969949	0.390088	0.370106	0.382764	0.265435	0.875749	1.8525	0	0.389593
BUV563	0	0.577145	1.72303	1.7098	0.451746	0.294705	0.176498	0.724813	2.17694	2.31388	0.431345	0	0		2.9315	1.46635	0.890025	0.683076	0.009703	0	0	0.323833	1.87253	0.47644	0.379584	0.123362	0.216301	3.23708	4.049	1.287	0.418739	
BUV615	0	0.055115	2.02501	1.74218	0.356373	0.247869	0.319276	0.768871	2.1299	3.28768	0.39378	0	0	0.410537		1.48331	1.08509	1.10198	0.10926	0.115868	0	0.239101	1.54603	0.391865	0.448332	0.365713	0.2192	1.2127	5.8586	1.74577	0.649969	
BUV661	0	0	0.205958	2.06739	0.39766	0.36758	0.405498	2.87909	10.1769	11.1128	1.77192	0	0	0	0.450609		2.08609	1.88686	0	0	0	0	0	0.342976	0.593047	0.599577	0.714831	0.432199	0.190512	0.66898	2.24183	0.793558
BUV737	0	0	0.064697	0.157322	0.384195	1.0537	0.645802	0.333158	9.26257	13.0172	2.10088	0	0	0.045893	0	0.117051		2.50297	0	0.054898	0	0.13009	0.153236	0.091868	0.409789	0.83879	0.643606	0.119407	0.111106	0.194486	0.659061	
BUV805	0	0	0	0	0	0.073223	0.214204	0	0.731044	0.927283	0.67224	0	0.06771	0.052306	0	0.092557	0.181955		0	0	0	0.092064	0	0.118063	0.111958	0.156526	0.488257	0.152987	0.146885	0	0.462643	
BV421	0	0	0.288434	0.063567	0	0	0	0	0.233507	0.198081	0.061488	0	0.100737	0.13697	0.094885	0.138489	0.053188	0		0.516582	1.25808	0.34767	0.253441	0.093584	0.116274	0.207079	0.006741	0.451237	0.271199	0	0.134883	
BV480	0.494192	0.536089	1.12479	0.482726	0	0.116868	0	0.0966871	0.948479	0.962665	0.167156	0	1.03688	0.402074	0.973313	0.387338	0.359875	0.263181	0.65869		3.9171	1.81503	1.82503	0.649793	0.456302	0.451709	0.429738	1.42861	1.28677	0	0.178138	
BV510	0	0	0.899898	0.139038	0	0.218822	0	0.282352	1.24638	1.3465	0.13463	0	0.761309	0.71842	1.50522	0.759202	0.587606	0.508265	0.292384	0.564548			1.40913	2.00516	0.860081	0.797263	0.973638	0.795217	1.16419	1.56369	0	0.00516
BV570	0	0	1.64911	1.62172	0.349993	0.272148	0.269917	0.421496	1.62164	1.67049	0.517277	0	0	0.882602	1.76189	0.966144	0.699966	0.665208	0.959388	0	0		2.82402	1.19439	1.08377	1.30962	0.601398	2.39209	3.27882	1.53088	0.598567	
BUV605	0	0.065501	1.19936	1.59898	0.353053	0.285694	0.37927	0.536807	2.08913	2.34651	0.332803	0	0.083981	0.461194	1.73463	1.21071	1.02877	0.994645	0.444744	0	0	0.573038		1.19363	1.20006	1.52994	1.12544	1.3614	3.32839	1.55578	0.740163	
BUV650	0	0	0.534119	1.56779	0.411824	0.346465	0.360161	1.61436	5.97519	6.79106	1.17428	0	0.285949	0.08806	0.812769	2.82053	1.67385	1.57715	0.725335	0	0.373848	0.190872	1.19266		2.30024	2.19667	1.82033	0.35045	1.07186	1.85646	0.660191	
BV711	0	0	0.07671	0.313146	0.422286	0.641691	0.400173	0.446355	8.58787	8.69002	1.79103	0	0	0.079909	0	0.190419	2.68915	1.99568	0.478877	0	0	0.099265	0.21537	0.163927		2.96821	2.32312	0.146661	0.136383	0.269204	0.599827	
BV750	0	0.104619	0.180538	0	0.114757	0.382379	0.351176	0.0479369	2.81145	3.58479	0.903884	0	0.152027	0.051097	0.089927	0.051634	1.52871	2.08225	0.251972	0	0	0.146011	0.19604	0.088385	0.563256		2.38107	0.11522	0.124444	0	0.349447	
BV786	0	0	0.078758	0.046085	0	0.223476	0.324694	8.90E-04	1.15146	1.70606	0.806696	0	0.103589	0	0.048421	0.056408	0.656972	4.14403	0.360094	0.034135	0.069493	0.150355	0.097925	0.173628	1.76795		0	0.07749	0	0.418		
PE	0	0.222885	2.97065	2.19148	0.471571	0.397921	0.267013	0.569371	0.950605	1.13531	0.163226	0	0	0.743014	0.949714	0.397495	0.218605	0.111701	0.297274	0	0	1.36361	2.58135	0.703377	0.48725	0.316738	0.247592		2.46608	1.37425	0.381796</	

Fluors with primary UV (349 nm) excitation

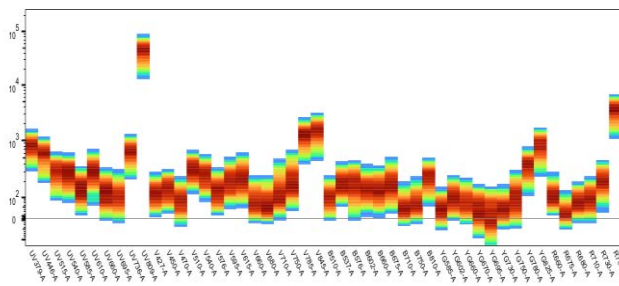
BUV395



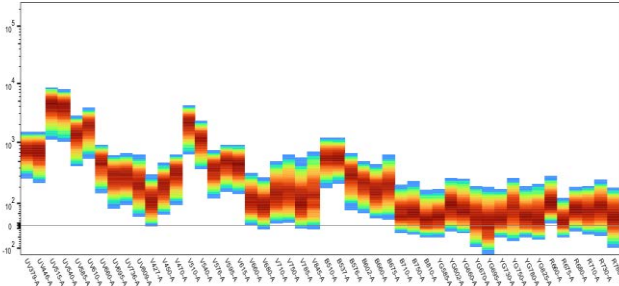
BUV615



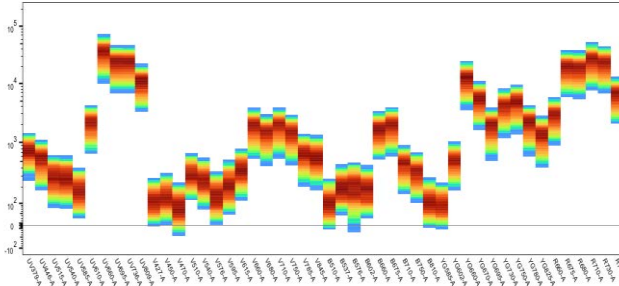
BUV805



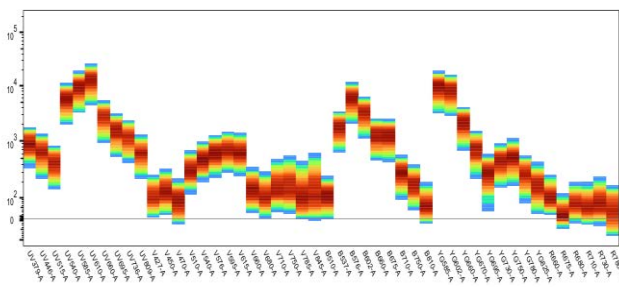
BUV496



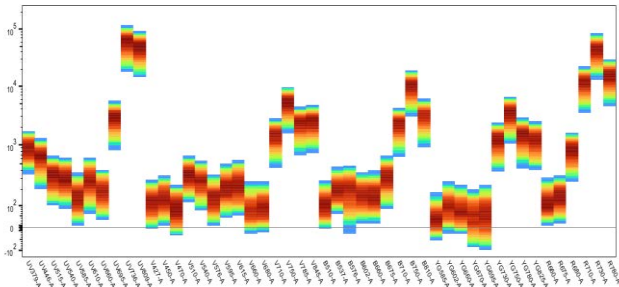
BUV661



BUV563

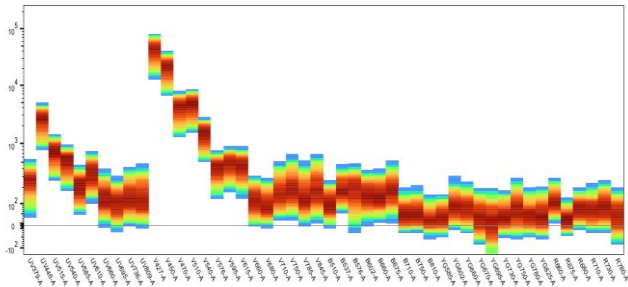


BUV737

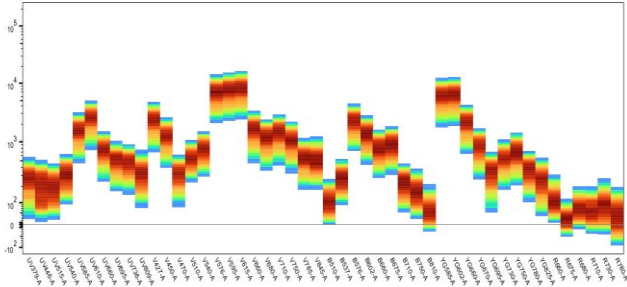


Fluors with primary **Violet (405 nm)** excitation

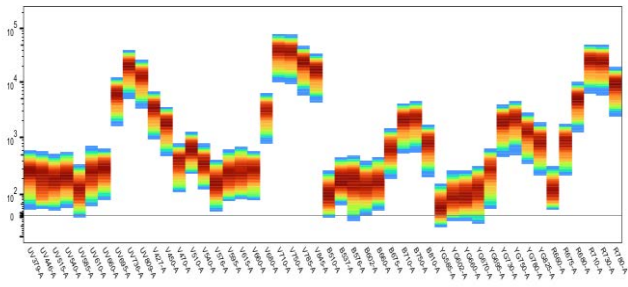
BV421



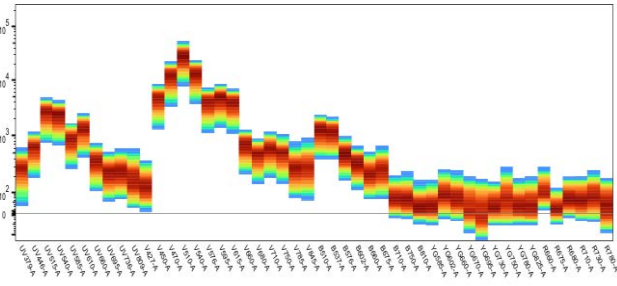
BV570



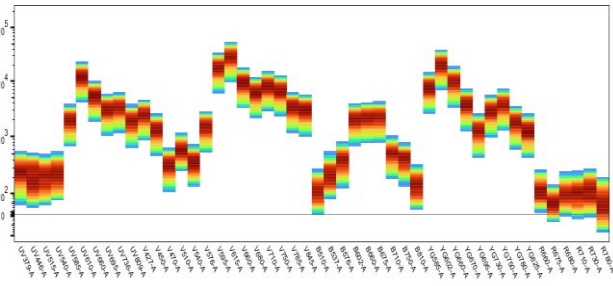
BV711



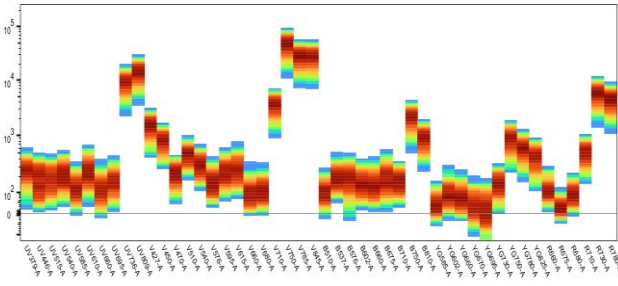
BV480



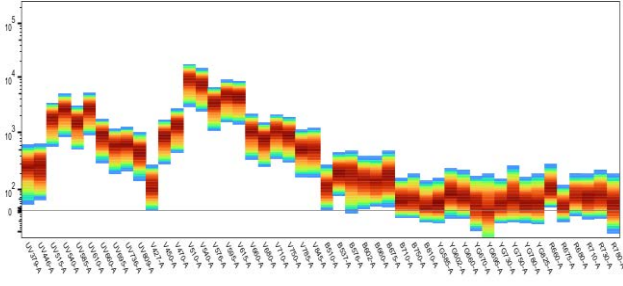
BV605



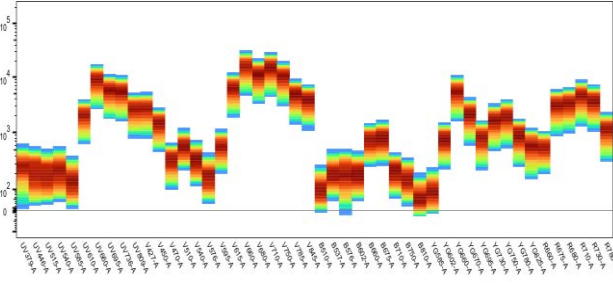
BV750



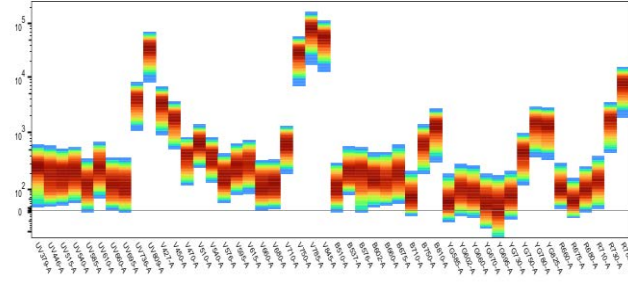
BV510



BV650

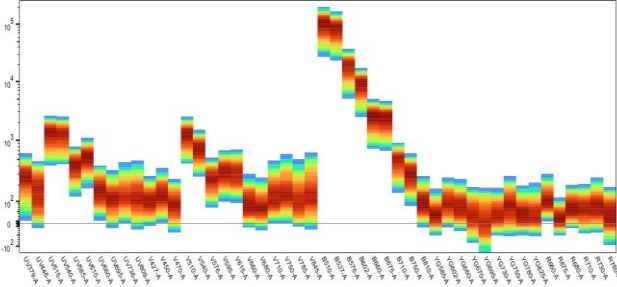


BV786

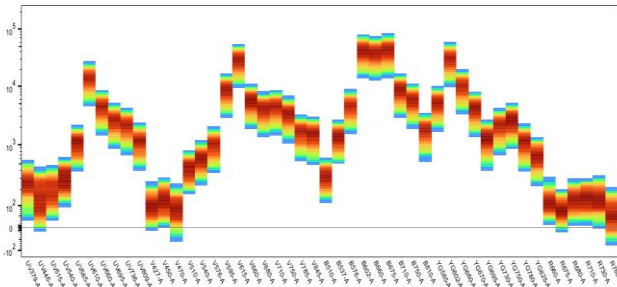


Fluors with primary **Blue (488 nm)** excitation

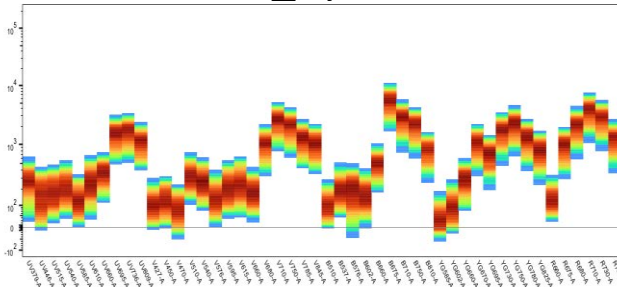
BB515



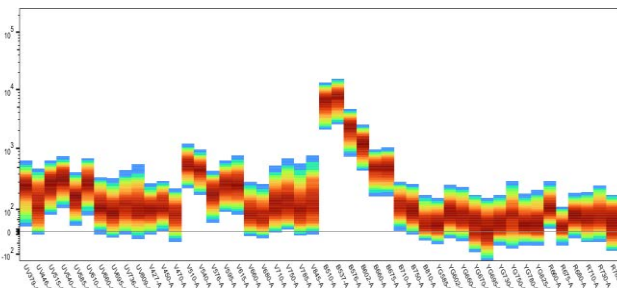
BB630



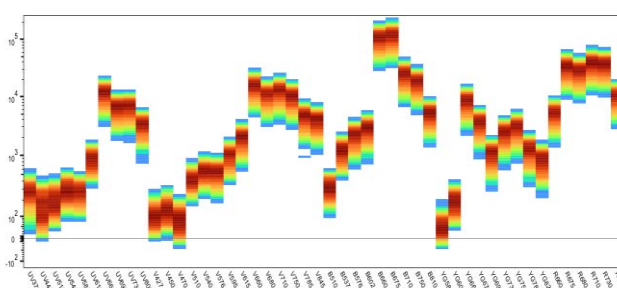
PerCP_Cy5.5



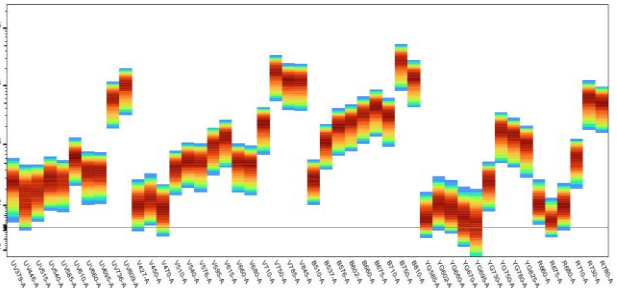
FITC



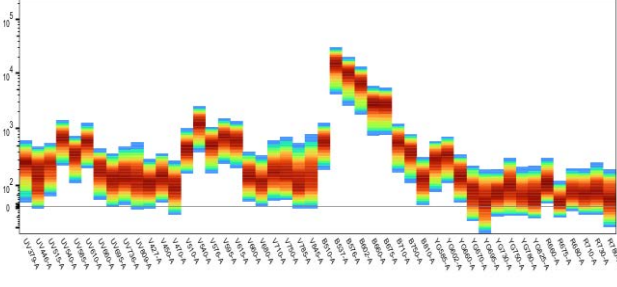
BB660



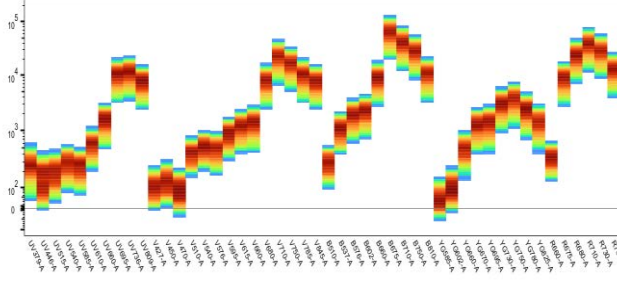
BB755



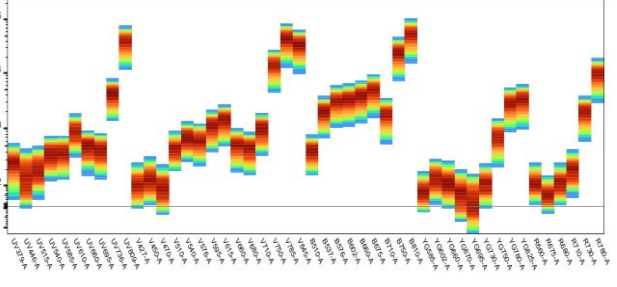
RB545



BB700

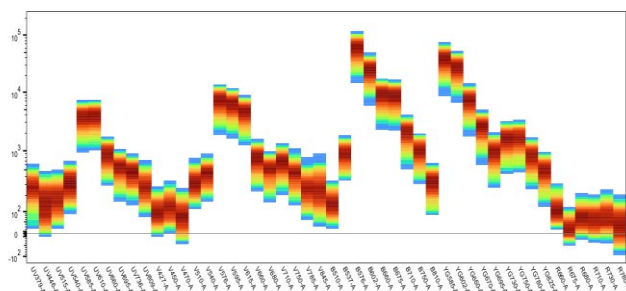


BB790

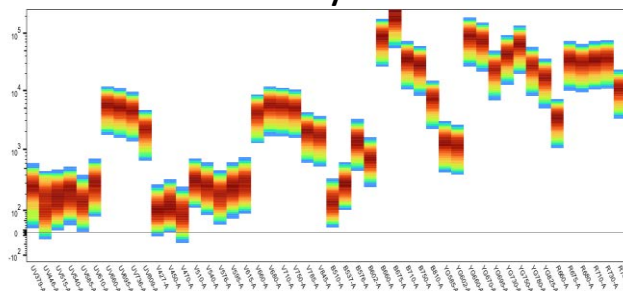


Fluors with primary Yellow-Green (561 nm) excitation

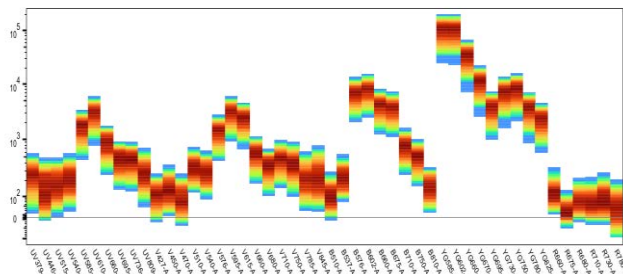
PE



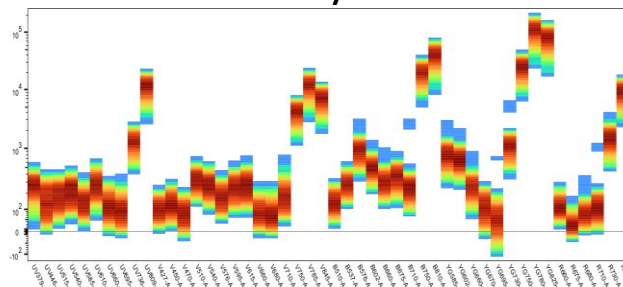
PE-Cy5



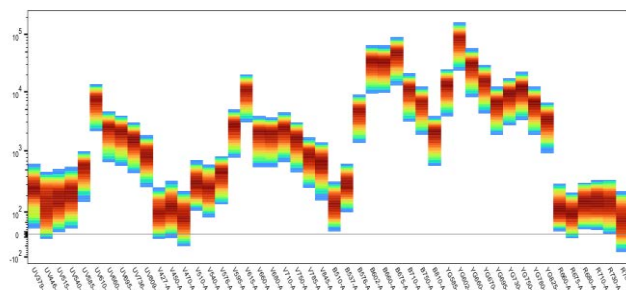
RY586



PE-Cy7

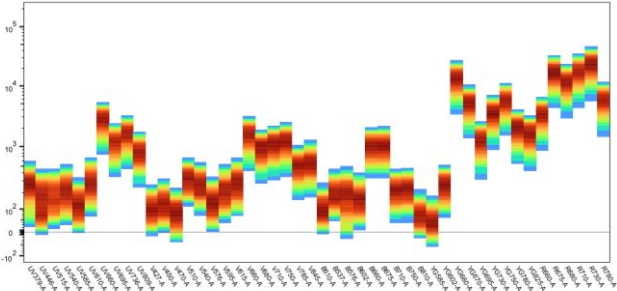


PE-CF594

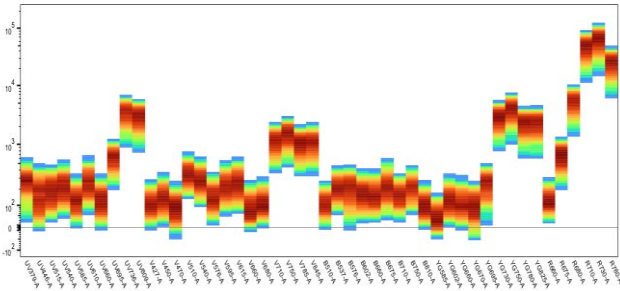


Fluors with primary **Red (537 nm)** excitation

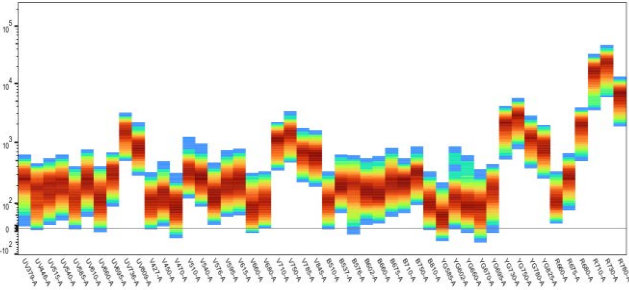
APC



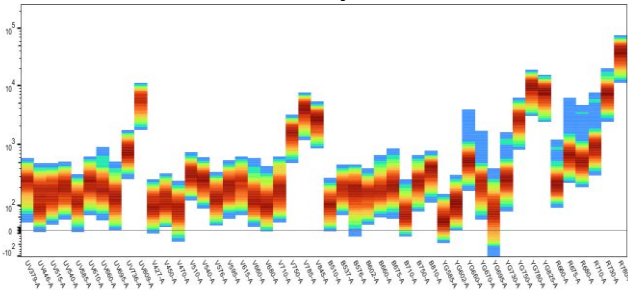
R718



AF700



APC-Cy7



APC-R700

