

Epifluorescence excitation intensity in $W.cm^{-2}$ measured in the sample plane for different aperture settings (2 – 6) and with different objectives (measured on 27/12/2019).

10x/0.3		49-DAPI	10-FITC	46-YFP	43-dsRed	31-Alexa568
	1	0.47	0.69	0.25	0.85	0.95
	2	0.35	0.54	0.22	0.69	0.76
	3	0.25	0.41	0.16	0.51	0.57
	4	0.19	0.31	0.13	0.41	0.44
	5	0.10	0.19	0.06	0.22	0.25
20x/0.5		49-DAPI	10-FITC	46-YFP	43-dsRed	31-Alexa568
	1	2.1	2.8	1.0	3.4	3.7
	2	1.5	2.2	0.8	2.8	3.0
	3	1.0	1.6	0.6	2.1	2.2
	4	0.75	1.2	0.45	1.5	1.9
	5	0.39	0.65	0.24	0.84	0.93
	6	0.01	0.02	0.01	0.04	0.04
40x/1.3		49-DAPI	10-FITC	46-YFP	43-dsRed	31-Alexa568
	1	5.5	9.1	3.5	12.0	13.1
	2	4.1	7.2	2.8	9.7	10.8
	3	2.9	5.3	2.1	7.4	8.0
	4	2.0	4.0	1.6	5.7	6.3
	5	1.1	2.3	0.91	3.3	3.7
	6	0.04	0.09	0.03	0.14	0.16
63x/1.25		49-DAPI	10-FITC	46-YFP	43-dsRed	31-Alexa568
	1	6.4	13.5	4.8	17.1	18.5
	2	4.4	10.4	3.7	13.4	14.2
	3	3.0	7.4	2.7	9.8	10.7
	4	2.1	5.3	2.0	7.2	7.8
	5	1.1	2.8	1.1	3.8	4.1
	6	0.04	0.11	0.04	0.17	0.18
100x/1.4		49-DAPI	10-FITC	46-YFP	43-dsRed	31-Alexa568
	1	11	21	8.0	27	29
	2	8.0	16	6.5	21	23
	3	5.4	12	4.6	16	17
	4	3.8	8.8	3.4	12	13
	5	2.1	5.0	1.9	6.5	7.3
	6	0.08	0.19	0.08	0.27	0.31