

		Excitation Laser (nm)								
Ch	Band (nm)	405	488	561	642	785	Ch			
1	430-480	BRIGHTFIELD					1			
2	480-560						2			
3	560-595									3
4	595-640									4
5	640-745									5
6	745-800								SSC	6
7	430-505	DAPI, Hoechst, PacBlue, CascadeBlue, AF405, eFluor405, DyLight405, CFP, LIVE/DEAD Violet					7			
8	505-570	PacOrange, CascadeYellow, AF430, QD525*					8			
9	570-595	BRIGHTFIELD					9			
10	595-640	QD625*, eFluor625*					10			
11	640-745	QD705*, eFluor650*								11
12	745-800	QD800*							APC, AF647, AF660, AF680, DRAQ5, Cy5, DyLight649, DyLight680, PE-AF647, PE-Cy5, PerCP, PerCP-Cy5.5 APC-Cy7, APC-AF750, APC-eFluor750, Cy7, AF750, DyLight750, eFluor750, PE-Cy7*, PE-AF750*	12

Dyes with an * are excited by at least one laser directed to camera1 and another directed to camera2. The channel that the dye will appear brightest in depends on the relative laser powers used. Recommended dyes (based on optimal excitation and detection channels) are in boldface. QD565 and QD585 are not included because their primary fluorescence appears in the Ch9 Brightfield reference image.