

		Excitation Laser (nm)							
Ch	Band (nm)	375	405	488	561	642	785		
Camera 1	1	435-480 (457/45)	<i>Ch1/Ch9 BF or</i> *DAPI, *Hoechst, Zombie-Aqua, BV421, AF350, PB					Brightfield (BF)	
	2	480-560 (528/65)			FITC, AF488, DyLight488, GFP, YFP, Syto13				
	3	560-595 (577/35)			eFluor565, *QD565, QD585			PE, Cy3, DsRed	PE, AF546, DsRed, tdTomato, Cy3
	4	595-642 (610/30)			<i>Ch4/Ch10 BF or</i> BV605, eFluor625, *QD625			<i>Ch4/Ch10 BF or</i> *PE-TexRed, *PI, RFP, *eFluor625	<i>Ch4/Ch10 BF or</i> *AF568, *DyLight594, *PE-TexRed, RFP, mCherry
	5	642-745 (702/85)			BV711, eFluor700, *QD705			*PerCP-Cy5.5, *PE-Cy5, *PE-AF647, *7AAD, *Draq5	*PE-Cy5, *PE-AF647, *7AAD,
	6	745-780 (762/35)			BV786, *QD800			*PE-Cy7, *PE-AF750	*PE-Cy7, *PE-AF750
Camera 2	7	435-505 (457/45)	*DAPI, BV421, AF405, PB, DyLight405, CFP, LiveDead-violet						
	8	505-570 (537/65)	*BV510, AF430, QD525, PacOrange						
	9	570-595 (582/25)	<i>Ch1/Ch9 BF or</i> *QD565, QD585, eFluor570					Brightfield (BF)	
	10	595-642 (610/30)	<i>Ch4/Ch10 BF or</i> BV605, eFluor625, QD625						
	11	642-745 (702/85)	BV711, eFluor700, *QD705					AF647, APC, Cy5, DyLight649, *Draq5, *PE-AF647, *PE-Cy5, *PerCP-Cy5.5	
	12	745-780 (762/35)	BV786, *QD800					APC-Cy7, APC-AF750, APC-H7, PE-Cy7, eFluor750, DyLight750	SSC

Recommended dyes (based on optimal excitation and detection channels) are in boldface.

* These dyes will be excited by more than one laser and will increase cross camera compensation

Potential brightfield combinations: Ch1&Ch9 (default), Ch2&Ch8, Ch4&Ch10, Ch5&Ch11 and Ch6&Ch12

Note: Colocalization between dyes in high resolution needs to be recorded by channels of the same camera!