

# Configuration optique ISX, L1, Bâtiment CIRI-SFR, Gerland



Excitation Laser									
Ch	Band (nm)	405	488	561	642	785	Used	Ch	
1	435-480 (457/45)	BRIGHTFIELD							1
2	480-560 (528/65)		<b>FITC, AF488, GFP, YFP, DyLight488, PKH67, Syto13, SpectrumGreen, LysoTrackerGreen, MitoTrackerGreen,</b>					2	
3	560-595 (577/35)		<b>PE, PKH26, Cy3, DSRed, CellMask/CellTracker/SY TOX Orange</b>	<b>PE, AF546, DyLight550, PKH26, DSRed, Cy3, SpctmOrange</b>				3	
4	595-642 (610/30)		<b>PE-TexRed*, ECD*, PE-AF610*, 7AAD*, PI*, RFP, QD625*, eFluor625*</b>	<b>AF568*, DyLight594*, PE-TxRed*, ECD*, PE-AF610*, RFP, mCherry*</b>				4	
5	642-746 (702/85)		<b>PE-Cy5*, PE-AF647*, PerCP*, PerCP-Cy5.5*, eFluor650* FuraRedlo</b>	<b>PE-Cy5*, PE-AF647*</b>				5	
6	745-780 (762/35)		<b>PE-Cy7*, PE-AF750*, Draq5*</b>	<b>PE-Cy7*, PE-AF750*, Draq5*</b>		<b>SSC</b>		6	
7	435-505 (457/45)	<b>DAPI, Hoechst, PacBlue, CascadeBlue, AF405, eFluor405, DyLight405, CFP, LIVE/DEAD Violet</b>						7	
8	505-570 (537/65)	<b>PacOrange, CascadeYellow, AF430, BDHorizonV550</b>						8	
9	570-595 (582/25)	BRIGHTFIELD							9
10	595-642 (610/30)	<b>QD625*, eFluor625*</b>						10	
11	642-746 (702/85)	<b>QD705*, eFluor650*</b>			<b>AF647, AF660, AF680, APC, Cy5, DyLight649, DyLight680, Draq5* PE-AF647*, PE-Cy5*, PerCP*, PerCP-Cy5.5*</b>			11	
12	745-780 (762/35)	<b>QD800*</b>			<b>APC-Cy7, APC-AF750, APC-H7, APC-eFluor750, Cy7, AF750, DyLight750, PE-Cy7*, PE-AF750*</b>	<b>SSC</b>		12	

Recommended dyes (based on optimal excitation and detection channels) are in boldface.  
 \*Many dyes will excite by more than one laser, and this can increase cross camera compensation.  
 \*\*Channel bandpass may change depending on which laser are on during an experiment. Values listed are assuming 405, 488, and 642 laser excitation.  
 1 laser (488): ideal dyes are AF488, PE, PE-TxRed, PE-Cy5, PE Cy7, SSC-Ch12,  
 2 laser (488,642): ideal dyes are AF488, PE, PE-TxRed, SSC-Ch6, and AF647, APC Cy7  
 3 laser (405,488,642): ideal dyes are AF488, PE, PE-TxRed, SSC-Ch6, and DAPI, AF647, APC Cy7