



KCRB BD Symphony Configuration

KCRB  
Room 4161

SN: H66096400034

Lasers	PMT Name	Filter	Recommended Fluorophores	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
<b>355 nm</b> (100mW)	355-1	379/28	BUV 395				LIVE/DEAD Fixable Blue   Zombie UV
	355-2	450/50	DAPI				
	355-3	515/30	BUV 496				
	355-4	586/15					
	355-5	610/20	BUV 615				
	355-6	670/30	BUV 661				
	355-7	740/35	BUV 737				
	355-8	820/60	BUV 805				
<b>405 nm</b> (200mW)	405-1	431/28	BV 421   Horizon V450   Pacific Blue   SuperBright 436   Alexa 430	BFP	CellTrace Violet	DyeCycle Violet	LIVE/DEAD Fixable Violet   Zombie Violet LIVE/DEAD Aqua LIVE/DEAD Fixable Yellow
	405-2	515/30	BV 480   Horizon V500				
	405-3	586/15	BV 570				
	405-4	610/20	BV 605   SuperBright 600				
	405-5	670/30	BV 650   SuperBright 645				
	405-6	710/40	BV 711   SuperBright 702				
	405-7	750/30	BV 750				
	405-8	820/60	BV 805				
<b>488 nm</b> (200mW)	488-1	515/30	FITC   BB515	GFP   YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green   Zombie Green
	488-2	610/20	PerCP   BB605				
	488-3	670/30	BB660   PerCP				
	488-4	710/50	PerCP-Cy5.5   PerCP-eFluor 710   BB700				
	488-5	780/60	BB786				
<b>561 nm</b> (200mW)	561-1	586/15	PE   Cy3   Alexa 546	DsRed   dTomato mCherry mPlum	CellTrace Yellow	DyeCycle Orange Propidium Iodide	LIVE/DEAD Fixable Red   Zombie Red Propidium Iodide
	561-2	610/20	PE-Dazzle   PE-CF594   PE-Texas Red				
	561-3	670/30	PE-Cy5   7AAD				
	561-4	710/50	PE-Cy5.5				
	561-5	780/60	PE-Cy7   PE-Fire780				
<b>628 nm</b> (200mW)	628-1	670/30	APC   Alexa 633   Alexa 635   Alexa 647   Cy5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red Fixable Viability 700 LIVE/DEAD Fixable Near-IR   Zombie NIR
	628-2	710/50	Alexa 700   APC-R-700				
	628-3	780/60	APC-Cy7   APC-H7   APC-Fire750   APC-eFluor 780				