



Flow Cytometry Shared Resource

Knight Cancer Research Institute

Oregon Stem Cell Center

BD Aria-IIIu Configuration

KCRB
4161-B

SN: P0085

Laser	PMT Name	Filter	Mirror	Recommended Fluorophores				Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes			
405 nm (100mW)	405-1	450/40	-	Brilliant Violet 421	v450	eFluor 450	Pacific Blue	SuperBright 436	BFP	CellTrace Violet	DyeCycle Violet	LIVE/DEAD Fixable Violet	Zombie Violet	
	405-2	515/20	502 LP	Brilliant Violet 510	Horizon V500	Alexa 430	Pacifice Orange		CFP			LIVE/DEAD Fixable Aqua	Zombie Aqua	
	405-3	610/20	595 LP	Brilliant Violet 605	SuperBright 600							LIVE/DEAD Fixable Yellow		
	405-4	660/20	630 LP	Brilliant Violet 650	SuperBright 645									
	405-5	710/50	685 LP	Brilliant Violet 711	SuperBright 702									
	405-6	780/60	750 LP	Brilliant Violet 785	SuperBright 780									
488 nm (100mW)	488-1	530/30	502 LP	FITC		BB515			GFP	YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green	Zombie Green
	488-2	576/26	556 LP											
	488-3	610/20	595 LP											
	488-4	695/40	655 LP	PE-Cy5.5	PerCP	PerCP-Cy5.5	PerCP-eFluor 710	BB700				7-AAD		
	488-5	780/60	735 LP											
561 nm (50mW)	561-1	582/15	-	PE	Cy3	Alexa 546			DsRed	dTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red	Zombie Red
	561-2	610/20	600 LP	PE-Dazzle	PE-CF594	PE-Texas Red			mCherry			Propidium Iodide	Propidium Iodide	
	561-3	670/14	630 LP	PE-Cy5				mPlum				7-AAD		
	561-4	780/60	735 LP	PE-Cy7	PE-Fire780									
640 nm (100mW)	640-1	660/20	-	APC	Alexa 633	Alexa 635	Alexa 647	Cy5			CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red	
	640-2	730/45	685 LP	Alexa 700	APC-R-700								Fixable Viability 700	
	640-3	780/60	735 LP	APC-Cy7	APC-H7	APC-Fire750	APC-eFluor 780						LIVE/DEAD Fixable Near-IR	