



Flow Cytometry Shared Resource

Knight Cancer Research Institute

Oregon Stem Cell Center



BD FACS Symphony S6 Configuration

KCRB
Room 4161-A

SN:138716

Laser	PMT Name	Filter	Recommended Fluorophores	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
355 nm (60mW)	355-1	378/29	BUV395 DAPI		CellTrace Blue		LIVE/DEAD Fixable Blue Zombie UV
	355-2	515/30	BUV496				
	355-3	740/35	BUV737				
405 nm (100mW)	405-1	431/28	Brilliant Violet 421 v450 eFluor 450 Pacific Blue SuperBright 436	BFP	CellTrace Violet	DyeCycle Violet/ Hoechst	LIVE/DEAD Fixable Violet Zombie Violet
	405-2	525/50	Brilliant Violet 510 Horizon V500 Alexa 430 Pacific Orange	CFP			LIVE/DEAD Fixable Aqua Zombie Aqua
	405-3	610/20	Brilliant Violet 605 SuperBright 600				LIVE/DEAD Fixable Yellow
	405-4	670/30	Brilliant Violet 650 SuperBright 645				
	405-5	710/50	Brilliant Violet 711 SuperBright 702				
	405-6	780/60	Brilliant Violet 785 SuperBright 780				
488 nm (100mW)	488-1	530/30	FITC BB515	GFP YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green Zombie Green
	488-2						
	488-3	670/30	PerCP BB660 X-Optic				7-AAD
	488-4	710/50	PE-Cy5.5 PerCP-Cy5.5 PerCP-eFluor 710 BB700				
561 nm (100mW)	561-1	586/15	PE Cy3 Alexa 546	DsRed dTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red Zombie Red
	561-2	610/20	PE-CF594 PE-Dazzle				7-AAD
	561-3						
	561-4	780/60	PE-Cy7 PE-Fire780				
637 nm (140mW)	640-1	670/30	APC Alexa 633 Alexa 635 Alexa 647 Cy5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red
	640-2	710/50	Alexa 700 APC-R-700				Fixable Viability 700
	640-3	780/60	APC-Cy7 APC-H7 APC-Fire750 APC-eFluor 780				LIVE/DEAD Fixable Near-IR Zombie NIR