



Flow Cytometry Shared Resource

Knight Cancer Research Institute
Oregon Stem Cell Center



BD Fortessa Configuration

KCRB
Room 4161

SN: H6471770057

Laser	PMT Name	Filter	Mirror	Recommended Fluorophores	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
405 nm (100mW)	405-1	450/50	-	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	505 LP	Brilliant Violet 510 Horizon V500 Alexa 430 Pacific Orange	CFP			LIVE/DEAD Fixable Aqua Zombie Aqua
	405-3	605/30	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	525/50	505 LP	FITC BB515	GFP YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green Zombie Green
	488-2	582/15	555 LP					Propidium Iodide
	488-3	670/14	635 LP	PerCP BB660				
	488-4	710/50	695 LP	PE-Cy5.5 PerCP-Cy5.5 PerCP-eFluor 710 BB700				
	488-5	780/60	750 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	670/30	635 LP	PE-Cy5	mPlum			7-AAD
	561-4	780/40	750 LP	PE-Cy7 PE-Fire780				
640 nm (100mW)	640-1	670/30	-	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	750 LP	APC-Cy7 APC-H7 APC-Fire750 APC-eFluor 780				LIVE/DEAD Fixable Near-IR Zombie NIR