



# Flow Cytometry Shared Resource

Knight Cancer Research Institute  
Oregon Stem Cell Center



## BD FACS Aria Fusion Configuration

RJH 5380C

SN: P65828200017

Laser	PMT Name	Filter	Recommended Fluorophores	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
355 nm (15mW)	355-1	379/28	BUV395   DAPI		CellTrace Blue		LIVE/DEAD Fixable Blue   Zombie UV
	355-2	513/30	BUV496				
	355-3	740/35	BUV737				
405 nm (100mW)	405-1	450/50	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 (60mW)	488-1	530/30	FITC   BB515	GFP   YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green   Zombie Green
	488-3	670/30	PerCP   BB660				7-AAD   PI
	488-4	695/40	PE-Cy5.5   PerCP-Cy5.5   PerCP-eFluor 710   BB700				PI
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				PI
	561-4	780/60	PE-Cy7   PE-Fire780				
642 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	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