



# Flow Cytometry Shared Resource

Knight Cancer Research Institute

Oregon Stem Cell Center



## BD FACS Symphony S6 Configuration

KCRB  
Room 4161-A

SN:R662937A0010

Laser	PMT Name	Filter	Recommended Fluorophores	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
<b>355 nm</b> (60mW)	<b>355-1</b>	379/28	BUV395   DAPI			CellTrace Blue	LIVE/DEAD Fixable Blue   Zombie UV
	<b>355-2</b>	515/30	BUV496				
	<b>355-3</b>	740/35	BUV737				
<b>405 nm</b> (100mW)	<b>405-1</b>	431/28	Brilliant Violet 421   v450   eFluor 450   Pacific Blue   SuperBright 436	BFP	CellTrace Violet	DyeCycle Violet/ Ho	LIVE/DEAD Fixable Violet   Zombie Violet
	<b>405-2</b>	525/50	Brilliant Violet 510   Horizon V500   Alexa 430   Pacific Orange	CFP			LIVE/DEAD Fixable Aqua   Zombie Aqua
	<b>405-3</b>	610/20	Brilliant Violet 605   SuperBright 600				LIVE/DEAD Fixable Yellow
	<b>405-4</b>	670/30	Brilliant Violet 650   SuperBright 645				
	<b>405-5</b>	710/50	Brilliant Violet 711   SuperBright 702				
	<b>405-6</b>	780/60	Brilliant Violet 785   SuperBright 780				
<b>488 nm</b> (100mW)	<b>488-1</b>	530/30	FITC   BB515	GFP   YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green   Zombie Green
	<b>488-4</b>	710/50	PE-Cy5.5   PerCP-Cy5.5   PerCP-eFluor 710   BB700				
<b>561 nm</b> (100mW)	<b>561-1</b>	586/15	PE   Cy3   Alexa 546	DsRed   dTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red   Zombie Red
	<b>561-2</b>	610/20	PE-CF594   PE-Dazzle				
	<b>561-3</b>						7-AAD
	<b>561-4</b>	780/60	PE-Cy7   PE-Fire780				
<b>637 nm</b> (140mW)	<b>640-1</b>	670/30	APC   Alexa 633   Alexa 635   Alexa 647   Cy5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red
	<b>640-2</b>	710/50	Alexa 700   APC-R-700				Fixable Viability 700
	<b>640-3</b>	780/60	APC-Cy7   APC-H7   APC-Fire750   APC-eFluor 780				LIVE/DEAD Fixable Near-IR   Zombie NIR