

Yeti Lasers and Possible Fluorochromes

Violet Laser (407nm)				Blue Laser (488nm)				Yellow-Green Laser (561nm)				Red Laser (640nm)		
447/60 bp	526/48 bp	615/20 bp	700 lp	525/30 bp	593/46 bp	692/74 bp	760 lp	580/23 bp	615/20 bp	692/74 bp	760 lp	670/30 bp	722/42 bp	760 lp
Cascade Blue	AMCyan	BV605	BV711	FITC	PE (R-Phycoerythrin)	PerCP	PE-Cy7	PE	PE-Texas Red	PE-Cy5	PE-Cy7	APC	AlexaFluor 700	APC-Cy7
BV421	V500	BV650	BV786	eGFP	PE-Texas Red	PE-Cy5		DsRed	PE-CF594	PE-Cy5.5		Cy5	eFluor 710	APC-H7
Pacific Blue	PacOrange	eVolve 605	Qdot 705	eYFP	PE-CF594	PerCP-Cy5.5		tdTomato	PE-eFluor 610	PE-AlexaFluor 647		AlexaFluor 647	APC-R700	AlexaFluor 750
V450	CasYellow	Qdot 605	Qdot 800	SytoxGreen	AlexaFluor 532			mTangerine	PE-AlexaFluor 610	PE-AlexaFluor 680		eFluor 660	Cy5.5	AlexaFluor 790
eCFP	BV510	Qdot 625		SYBR Green				RFP	mCherry	mPlum		Sytox Red	AlexaFluor 680	
eFluor450	AlexaFluor430			Brilliant Blue 515 (BB515)				Sytox Orange	PI (Propidium Iodide)	mRaspberry			DRAQ5	
	eCFP			AlexaFluor 488				mStrawberry	eFluor 615					
	eFluor506 Viability Dye			eFluor 520 Viability Dye				eFluor 570						
	Qdot 525			Dylight 488										
	Qdot 545													

Creighton's Yeti analyzer has 4 lasers listed above (violet, blue, yellow-green and red). Under each laser are listed the 4 (or 3) filters/detectors available for each laser. Investigators can choose one (1) fluorochrome under each filter for each laser to use in their experiments. Fluorochromes in the same column can NOT be used together as their fluorescent spectra overlap significantly in that detector.