

## UWCCC Instrument Map

### Attune Nxt

#### 4 Lasers, 14 Colors

#### 96 & 384 Well Plate Auto Sampler, Swappable Emission Filters

		488 Blue - 3 Detectors			561 YellowGreen - 4 Detectors				405 Violet - 4 Detectors				633 Red - 4 Detectors		
Detector Filter	BL1	BL2	BL3	YL1	YL2	YL3	YL4	VL1	VL2	VL3	VL4	RL1	RL2	RL3	
	530/30	590/40	695/40	585/16	620/15	695/40	780/60	440/50	512/25	603/48	710/50	670/14	720/30	780/60	
	GFP	eYFP	PE-Alexa700	PE	PE-CF594	PE-Cy5	PE-Cy7	BV421	BV480	BV605	BV711	APC	APC-Alexa700	Live/Dead Red780	
	Alexa488	mCitrine	PE-Cy5	mOrange	PE-Dazzle594	PE-Cy5.5	Qdot800	DAPI	Pacific Green	Qdot605	Qdot705	Alexa647	APC-R700	APC-H7	
	FITC	Venus	PE-Cy5.5	RFP	PE-TexasRed	PE-Alexa700		Alexa405	vGFP		BV785 (780/60)	Qdot655	Alexa680	APC-Cy7	
	BB515	PKH-26	BB700	tdTomato	mCherry, mKate, DsRed	Qdot705		CFP	BV510				Alexa700	APC-eFluor780	
	Emerald		PerCP-Cy5.5	Alexa564, Alexa555, DL555	Alexa594, DL594			BFP					Qdot708	APC-Alexa750	
	CFSE		Qdot705		Alexa568			mTurquoise							
					mStrawberry			Sirius							

**Fluorochromes are listed for optimal excitation and emission.**

\*PerCP alone does not work on the Attune (goes into "triplet state" where it stops fluorescing)

\*\*PE is excited by Blue Laser as well as Yellow Laser. PE is much brighter off Yellow Laser.

**Side Scatter off Violet Possible with No Lyse/No Wash Filter Set**