

UWCCC Instrument Map

WIMR 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 Dichroic	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	
	503LP	555LP	650LP	577LP	600LP	650LP	740LP	417LP	495LP	555LP	650LP	654LP	690LP	740LP	
	GFP	eYFP	BB700	PE**	PE-CF594	PE-Cy5	PE-Cy7	BV421	BV510	BV605	BV711	APC	APC-Alexa700	Live/Dead Red780	
	Alexa488	mCitrine	*PerCP-Cy5.5	mOrange	PE-Dazzle594	PE-Cy5.5	Qdot800	DAPI	BV480	Qdot605	Qdot705	Alexa647	APC-R700	APC-H7	
	FITC	mVenus	*PerCP-eFluor710	RFP	PE-TexasRed	PE-Alexa700		Alexa405	vGFP		BV785 (780/60)	Qdot655	Alexa680	APC-Cy7	
	BB515	PKH-26	Qdot705	tdTomato	mCherry, mKate, DsRed	Qdot705		CFP	Pacific Green				Alexa700	APC-eFluor780	
	Emerald			Alexa564, Alexa555, DL555	Alexa594, DL594	7AAD		BFP					Qdot708	APC-Alexa750	
	CFSE				Alexa568			mTurquoise							
					mStrawberry			mSirius							
					PI***										

Fluorochromes are listed for optimal excitation and emission.

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

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

LN 102618

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

***PI has a wide emission spectrum and will bleed into multiple channels