

UWCCC Instrument Map

5 Laser BD LSRII

Blue: 488nm

Yellow Green: 561nm

Violet: 405nm

Red: 642nm

UV: 355nm

Detector	488B	488A	561E	561D	561C	561B	561A	405E	405D	405C	405B	405A	642C	642B	642A	355C	355B	355A
Filter	530/30	695/40	582/15	610/20	670/30	710/50	780/60	450/50	525/50	610/20	670/30	780/60	670/14	730/45	780/60	379/28	450/50	530/30
Dichroic	505LP	685LP	570LP	600LP	635LP	685LP	735LP		495LP	585LP	635LP	750LP		685LP	750LP		410LP	505LP
Alexa488	PerCP	PE	RFP, mRFP	PE-Cy5	PE-Cy5.5	PE-Cy7	Pacific Blue	Pacific Orange	Live/Dead Yellow	BV650	BV786	APC	Alexa700	APC-H7	BUV395	DAPI	BUV496	
FITC	PerCP-Cy5	DCF	PE-AF610	7AAD			V450	V500	eFluor605NC	BV711 (710/20)		Alexa647	APC-Alexa700	APC-Cy7		Hoechst33342	BUV737 (730/45)	
GFP	PerCP-Cy5.5	Live/Dead Red	mCherry	SYTOX Orange			CFP	Krome Orange	eFluor625NC	685LP		Alexa633	APC-Cy5.5	APC-Alexa750		Hoechst33258	BUV805 (820/60)	
CFSE	7AAD	Alexa532	mKate	mPlum			Cell Tracker Blue	AmCyan	eFluor650NC (660/20)			Cy5	Alexa680	APC-eFluor780		Alexa350	780LP	
Oregon Green	JC-1 (610/20)	Alexa546	mStrawberry	mRaspberry			Alexa405	Cascade Yellow	eFluor610			DyLight633	redFluor710	Live/Dead Ghost 780			DyLight350	
Pyronin Y	PKH26 (585/42, 550LP)	Alexa555	PE-Texas Red	7AAD			DAPI	CFP-YFP FRET (546/10)	BV605			DyLight649	APC-R700				Indo-1	
YFP		DyLight555	PE-eFluor610	PI			Hoechst	Live/Dead Aqua				Live/Dead Far Red					BFP	
Cy2	PerCP-eFluor710	Cy3	Alexa568	PE-AF647			CFP (470/30)	Alexa430				eFluor660					Live/Dead Blue	
DyLight488	PI	mOrange	Alexa594				DyLight405	BV510				Alexa635					SYTOX Blue	
Live/Dead Green		mBanana	Alexa610				Live/Dead Violet					Alexa660					Chromomycin A3	
Alexa514		tdTomato	DyLight594				eFluor450					DRAQ5					FxCycle Violet	
SYTOX Green		PI	Cy3.5				DAPI					FxCycle Far Red				Qdot Nanocrystals (see Staff for filter lists)		
TOTO-1, TO-PRO-1		DsRed	mTangerine				BV421											
Emerald FP			Mitotracker Red															
BB515			PE-CF594															
DyeCycle Green			Live/Dead Red															
Rho110			PI															
			Rhodamine-X				Qdot Nanocrystals (see Staff for filter lists)											

FLUOROCHROME LISTS ARE NOT ALL INCLUSIVE

*PI is brightest in the 561D channel

*7AAD is brightest in the 561C channel