



University of California, Merced (UCM) Stem Cell Instrumentation Foundry (SCIF)



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Bio-Rad ZE5 Configuration

	LASER (NM)	BP	LP	OPTIMAL COLORS	Additional optimal fluorochrome options available on FluoroFinder.com.
LASER	355	387 / 11	--	BUV395	
		460 / 22	439	DAPI	DyLight 350
		509 / 24	493	BUV496	
		577 / 15	530	BUV563	
		670 / 30	640	BUV661	
		747 / 33	690	BUV737	
		--	780	BUV805	
LASER	405	420 / 10	--	Brilliant Violet 421	Alexa Fluor 405 DyLight 405 SuperBright 436 VioBlue
		460 / 22	439	Brilliant Violet 480	
		525 / 50	493	Brilliant Violet 510	eFluor 506 Fix Viability Alexa Fluor 430 DyLight 405LS V500
		615 / 24	581	Brilliant Violet 605	DyLight 405LS eFluor 605NC eVolve 605 Qdot 605
		670 / 30	640	Brilliant Violet 650	eFluor 650NC eVolve 655 Qdot 655 SuperBright 645
		720 / 60	690	Brilliant Violet 711	Qdot 705 SuperBright 702
		--	750	Brilliant Violet 786	Qdot 800
LASER	488	525 / 35	493	Alexa Fluor 488 FITC GFP	ATTO 488 BB515
		593 / 52	558	PE	NL 493 Vio488
		692 / 80	629	PE-Cy5	PerCP-Cy5.5 BB700 PerCP-eFluor 710 PerCP-Vio700
		--	750	PE-Cy7	PE-Vio770
LASER	561	583 / 30	--	dsRed dTomato PE	
		615 / 24	600	mCherry PE-CF594 PE-Dazzle 594 PE-Texas Red	DyLight 594
		670 / 30	652	PE-Cy5	
		720 / 60	690	PE-Cy5.5	
		--	750	PE-Cy7	PE-Vio770
LASER	633	670 / 30	--	Alexa Fluor 647 APC eFluor 660	Alexa Fluor 633 Alexa Fluor 635
		720 / 60	690	ATTO 655 Cy5 DyLight 633	DyLight 650 NL 637
		775 / 50	752	Alexa Fluor 750 APC-Cy7	APC-Alexa 750 APC-eFluor 780 APC-Fire 750
		--	800	APC-Fire 750 PE-Fire 780	APC-Alexa 750 APC-Cy7 APC-H7