

Cytometer	Fortessa 5th HCI RN				
Software	BD FACSDiva 8.0.1				
Serial #	H6471770003				
Laser Name	Wavelength	Filter	Parameter		
Red	633	780/60 BP	APC-Cy7		
		730/45 BP	Alexa Fluor 700		
		670/30 BP	APC		
Blue	488	710/50 BP	PerCP	PerCP-Cy5-5	
		530/30 BP	Alexa Fluor 488	GFP	
		488/10 BP	SSC		
Violet	405	780/60 BP	BV786		
		710/50 BP	BV711		
		670/30 BP	BV650		
		605/40 BP	BV605		
		525/50 BP	AmCyan	BV510	
		450/50 BP	BV421	DAPI	Pacific Blue
Yel-Grn	561	780/60 BP	PE-Cy7		
		710/50 BP	PE-Cy5.5		
		660/20 BP	PE-Cy5		
		610/20 BP	PE-CF594	PE-Texas Red	
		582/15 BP	PE		

Cytometer	Cytoflex EEJ				
Serial Number	BE09021				
Laser Name	Wavelength	Filter	Parameter Names		
Violet	405	660/40	BV650		
		610/20	BV605		
		525/40	BV510	Live/Dead Aqua	
		450/45	BV421	DAPI	
Blue	488	690/50	PerCP-Cy5-5	PI	
		525/40	FITC	GFP	
		488/8	SSC		
YG-561	561	780/60	PE-Cy7	YG (780/60)	
		690/50	PECy5.5		
		610/20	PE-TxRed		
		585/42	PE	RFP	
Red	640	780/60	APC-Cy7	APC-H7	
		712/25	Alexa 700		
		660/10	APC	Alexa 647	

Fortessa 1st floor EEJ						
Cytometer Configuration		NEW 2B-6V-3R-3YG 4UV				
Software Version	BD FACSDiva 8.0.1					
Serial Number	H5S100001					
Laser Name	Type	Mirror	Filter	Parameter		
Blue	488nm	685 LP	710/50 BP	7-AAD	PerCP-Cy5-5	
		505 LP	525/50 BP	FITC	GFP	
			488/10 BP	SSC		
Red	640nm	750 LP	780/60 BP	APC-Cy7	APC-H7	
		685 LP	730/45 BP	AF700		
			670/30 BP	APC	AF647	
Violet	408nm	750LP	780/60	BV786		
		670 LP	705/70 BP	BV711		
		630 LP	660/20 BP	BV650		
		595 LP	605/40 BP	BV605		
		505 LP	525/50 BP	BV510	Ametrine	
			450/50 BP	BV421	DAPI	
Yel-Gr	561nm					
		750 LP	780/60 BP	PE-Cy7		
		600 LP	610/20 BP	PE-CF594	PE-Texas Red	mCherry
			582/15 BP	PE-YG		
UV	355nm					
			379/28	BUV395		
		450 LP	515/30	BUV496		
		685 LP	740/45	BUV737		
		770 LP	820/60	BUV805		

Cytex Aurora										
Emission Wavelength (nm)	UV		Violet		Blue		Yellow Green		Red	
	Detector	**Fluorochrome	Detector	**Fluorochrome	Detector	**Fluorochrome	Detector	**Fluorochrome	Detector	**Fluorochrome
395	UV1	BUV395								
420	UV2	Viability UV	V1	BV421						
440	UV3		V2	SB436						
450	UV4		V3	Pacific Blue						
480	UV5		V4	BV480						
500	UV6	BUV496	V5	BV510	B1	BB515				
520	UV7		V6		B2	FITC/AF488				
550	UV8		V7	Pacific Orange LD550	B3	SPARK-550				
570	UV9	BUV563	V8	BV570	B4		YG1	PE		
580			V9		B5		YG2			
600	UV10	BUV615	V10	BV605/SB600	B6		YG3	PE Dazzle594		
660	UV11	BUV661	V11	BV650/SB645	B7		YG4	PE-Fire640	R1	APC
680					B8	PerCP	YG5	PE-Cy5	R2	Alexa647/EF660
690					B9	PerCP Cy5.5	YG6	PE-Cy5.5	R3	SPARK-685/APC-CY5.5
700	UV12		V12	BV711/SB702	B10	PerCP-eFluor710			R4	APC-R700/A700
730	UV13	BUV737	V13		B11		YG7		R5	
750	UV14		V14	BV750	B12		YG8		R6	Zombie NIR
780	UV15		V15	BV785	B13		YG9	PE-Cy7	R7	APC-Fire 750
800	V16	BUV805	V16	Qdot 800	B14		YG10		R8	APC-Fire810

* Fluorochrome wavelengths next to each other in columns and rows will have the highest spectral overlap

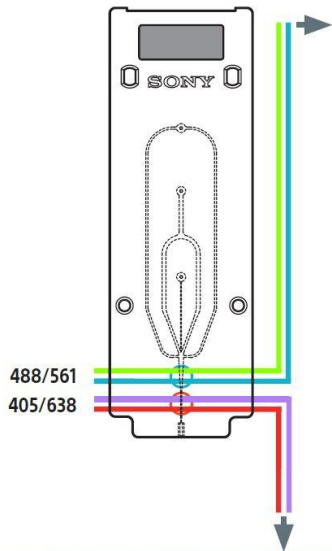
** Suggested Fluorochromes, other Fluorochromes can be substituted based off excitation and emission

Cytometer	X20 (Pathology)		
Software	BD FACSDiva 8.0		
Serial #	H657675002		
Laser Name	Wavelength	Filter	Parameter
Red	640	780/60 BP	APC-Cy7
		730/45 BP	APC-Alexa 700
		670/30 BP	APC
Violet	405	780/60 BP	BV786
		710/50 BP	BV711
		670/30 BP	BV650
		605/15 BP	BV605
		525/50 BP	BV510
		450/50 BP	BV421
Blue	488	695/40 BP	PerCP-Cy5-5
		530/30 BP	FITC
		488/10 BP	SSC
YG	561	780/60 BP	PE-Cy7
		695/40 BP	PE-Cy5.5
		670/30 BP	PE-Cy5
		610/20 BP	PE-Texas Red
		586/15 BP	PE

Cytometer	ThermoFischer Attune					
Software	V2.7					
Serial #	2AFC222851018					
Laser Name	Wavelength	Filter	Parameter	Parameter		
Red	633	670/14 BP	RL1	APC		
		720/30 BP	RL2	Alexa Fluor 700		
		780/60 BP	RL3	APC-Cy7		
Blue	488	488/10 BP	SSC		PerCP-Cy5-5	
		530/30 BP	BL1	FITC	GFP	
		695/40 BP	BL2	PerCP	PerCP-Cy5-5	
Violet	405	450/40 BP	VL1	BV421	DAPI	Pacific Blue
		525/50 BP	VL2	AmCyan	BV510	
		610/20 BP	VL3	BV605		
		660/20 BP	VL4	BV650		
		710/50 BP	VL5	BV711		
		780/60 BP	VL6	BV786		
Yel-Grn	561	582/15 BP	YL1	PE		
		620/15 BP	YL2	PE-CF594	PE-Texas Red	
		780/60 BP	YL3	PE-Cy7		

Cytometer	Sony				
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FSC 488/17
BSC 488/17B



488		561		
FL1 525/50	FL2 585/30	FL3 617/30	FL4 695/50	FL5 785/60
● EGFP	● PE	● PE-Texas Red®	● 7-AAD	● PE-Cy™7
● CFSE	● mOrange	● PE/Dazzle™594	● PE-Cy™5	
● FITC	● tdTomato	● PI	● PerCP	
● Alexa Fluor® 488	● DsRed/mRFP	● LIVE/DEAD® Red	● PE-Cy™5.5	
● SYBR® Green		● Zombie Red™	● PerCP-Cy5.5	
● EYFP		● mCherry	● PerCP-eFluor® 710	
● mVenus		● Alexa Fluor® 594	● mPlum	
● mCitrine		● mKate		
● LIVE/DEAD® Green				
● Zombie Green™				

405			638			
FL6 450/50	FL7 525/50	FL8 585/30	FL9 617/30	FL10 665/30	FL11 720/60	FL12 785/60
● BV421	● AmCyan	● BV570	● BV605	● BV650	● BV711	● BV785
● Alexa Fluor® 405	● BV510	● Zombie Yellow™		● APC	● APC-Cy5.5	● APC-Cy7
● Zombie Violet™	● T-Sapphire	● LIVE/DEAD® Yellow		● Cy5	● Alexa Fluor® 700	● APC-Alexa Fluor® 750
● LIVE/DEAD® Violet	● Pacific Orange™			● Alexa Fluor® 647		● APC/Fire™ 750
● DAPI	● Zombie Aqua™			● LIVE/DEAD® Far Red		● Zombie NIR™
● Pacific Blue™	● LIVE/DEAD® Aqua					● LIVE/DEAD® NIR
● mCFP						
● BFP						
● SYTOX™ Blue						
● Hoechst 33342						