

EQUIPMENT	EXCITATION		FLUOROCROMES
	LASERS	FILTERS	

* Tandem Dyes

LSR Fortessa HTS-1	355	379/28	BUV 396
		740/35	BUV 737*
	405	450/50	Pacific Blue, BV 421, DAPI
		325/50	AmCyan, BV525*, Aqua
		605/42	Qdot 605, BV 605*
		710/50	Qdot 705, BV 711*
	488	800/30	Qdot 800, BV 786*
		530/30	FITC, BB515, GFP, Alexa 488
	561	610/20	PerCP-Cy5-5*, BB700, PI, 7AAD
		582/15	PE, tdTomato
610/20		PE-Texas Red*, PE-CF594*, mCherry, mScarlet	
780/60		PE-Cy5.5*	
640	670/30	PE-Cy7*	
	710/50	APC, Alexa 647, Cy5	
	780/60	Alexa Fluor 700, iRFP720 APC-Cy7*	

LSR Fortessa HTS-2	355	376/28	BUV 396
		515/30	BUV 496*
		670/30	BUV 661*
		740/35	BUV 737*
		820/60	BUV 805*
	405	450/50	BV 421, Pacific Blue, DAPI
		325/50	BV510*, AmCyan, Aqua
		610/20	BV 605*
		710/50	BV 711*
	488	800/30	BV 786*
530/30		BB515, FITC, GFP, Alexa 488	
561	610/20	PE	
	575/25	PE-Texas Red*	
	780/60	BB700, PI, PerCP-Cy5-5*, 7AAD	
	780/60	PE-Cy7*	
640	670/30	APC, Alexa 647, Cy5	
	730/45	Alexa Fluor 700, iRFP720	
	780/60	APC-Cy7*	

FACS Symphony A3 HTS-1	355	379/28	BUV 396
		515/30	BUV 496*
		586/15	BUV 563*
		670/30	BUV 661*
		740/35	BUV 737*
	405	431/28	BUV 805*
		431/28	BV 421, Pacific Blue, DAPI
		470/15	BV 480*
		610/20	BV 605*
	488	670/30	BV 650*
710/50		BV 711*	
561	780/60	BV 786*	
	515/30	BB515, FITC, GFP, Alexa 488	
	610/20	BB630*	
	780/60	BB700*, PI, PerCP, 7AAD	
640	586/15	PE, tdTomato	
	610/20	PE-CF594*, PE-Texas Red*, mCherry, mScarlet	
	780/60	PE-Cy5*	
	780/60	PE-Cy7*	

FACS Symphony A3 HTS-2	355	379/28	BUV 396
		515/30	BUV 496*
		586/15	BUV 563*
		670/30	BUV 661*
		740/35	BUV 737*
	405	820/60	BUV 805*
		431/28	BV 421, Pacific Blue, DAPI
		470/15	BV 480*
		610/20	BV 605*
	488	670/30	BV 650*
710/50		BV 711*	
561	780/60	BV 786*	
	515/20	BB515, FITC, GFP, Alexa 488	
	610/20	BB630*	
	780/60	BB700*, PI, PerCP, 7AAD	
640	586/15	PE, tdTomato	
	610/20	PE-CF594*, PE-Texas Red*, mCherry, mScarlet	
	780/60	PE-Cy5*	
	780/60	PE-Cy7*	

FACS Symphony A1 HTS-1	405	431/28	BV 421, Pacific Blue, DAPI, V450
		325/50	BV 480*
		610/20	BV 605*
		670/30	BV 650*
		710/50	BV 711*
	488	780/60	BV 786*
		530/30	BB515, FITC, GFP, Alexa 488
	561	780/60	BB700*, PerCP-Cy5-5*, 7AAD
		586/15	PE, tdTomato
		610/20	PE-CF594*, PE-Texas Red*, PI, mCherry
780/60		PE-Cy5*	
640	710/50	PE-Cy5.5*	
	780/60	PE-Cy7*	
	710/50	APC, Alexa 647 APC-R700*, Alexa Fluor 700	

		780/60	APC-Cy7*, APC-HT*
FACS Celesta HTS-1	405	450/40	BV 421, Pacific Blue, DAPI
		525/50	BV 510*, Amcyan, Aqua
		610/20	BV 605*
		710/50	BV 650*
		780/60	BV 711*
	488	530/30	BB515, FITC, GFP, Alexa 488
		635/40	PerCP-Cy5.5*, BB700*, PI, 7AAD
	561	586/15	PE, tdTomato
		610/20	PE-Orange, tdTomato, DsRed/mRFP
		670/14	PE-Cy5*, APC *APC excites the dye 10% maximum. Read along signal.
780/60		PE-Cy7*, APC-Cy7*	

Sony 1, 2, 3	405/638	FL6 450/50	BV 421, AF405, Zombie Violet, Pacific Blue
		FL7 525/50	Amcyan, BV 510, T-Sapphire, PacOrange
		FL8 585/30	BV 570, Zombie Yellow
		FL9 617/30	BV 605
		FL10 670/40	BV 650, APC, Cy5, AF647
	488/561	FL11 720/60	BV 711, APC-Cy5.5, AF700
		FL12 785/60	BV 785, APC-Cy7, APC-AF750, APC-Fire 750
		FL1 525/50	eGFP, CFSE, FITC, AF488, SYBR Green
		FL2 585/30	PE, mOrange, tdTomato, DsRed/mRFP
		FL3 617/30	PE-Texas Red, PE-Dazzle694, PI, mCherry
FL4 670/14	7AAD, PE-Cy5, PerCP, PE-Cy5.5, mPlum		
FL5 785/60	PE-Cy7		

FACS Aria 2	405	450/40	BV 421, Pacific Blue, DAPI
		525/50	BV 510*, Amcyan, Aqua
		610/20	BV 605*
		710/50	BV 650*
		780/60	BV 711*
	488	530/30	FITC, BB515, GFP, Alexa 488
		635/40	PerCP, BB700*, PI, 7AAD
	561	582/15	PE, tdTomato
		610/20	PE-Texas Red*, mCherry, mScarlet
		670/14	PE-Cy5*
780/60		PE-Cy7*	
640	730/45	APC, Alexa 647, Cy5	
	780/60	APC-Cy7*	

FACS Aria 3	405	450/40	BV 421, Pacific Blue, DAPI
		525/50	BV 510*, Amcyan, Aqua
		610/20	BV 605*
		780/40	BV 786*
		530/30	FITC, BB515, GFP, Alexa 488
	488	635/40	PerCP-Cy5.5*, BB700*, PI, 7AAD
		582/15	PE, tdTomato
	561	610/20	PE-Texas Red*, mCherry, mScarlet
		670/14	PE-Cy5.5*
		780/60	PE-Cy7*
640	730/45	APC, Alexa 647, Cy5	
	780/60	APC-Cy7*	

FACS Aria 4	405	450/40	BV 421, Pacific Blue, DAPI
		525/50	BV 510*, Amcyan, Aqua
		610/20	BV 605*
		710/50	BV 711*
		780/60	BV 786*
	488	530/30	FITC, BB515, GFP, Alexa 488
		635/40	PerCP-Cy5.5*, BB700*, PI, 7AAD
	561	586/15	PE, tdTomato
		610/20	PE-Texas Red*, mCherry, mScarlet
		670/14	PE-Cy5.5*
780/60		PE-Cy7*	
640	730/45	APC, Alexa 647, Cy5	
	780/60	APC-Cy7*	

CS	Band (nm)	Excitation Laser (nm)				CS
		488	688	681	788	
1	488-498					1
2	488-500	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				2
3	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				3
4	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				4
5	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				5
6	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				6
7	490-505	APC, Alexa 647, Cy5				7
8	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				8
9	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				9
10	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				10
11	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				11
12	500-505	PE-Cy5, APC-Cy7, PE-Cy5.5, PE-Cy7, PE-AF750, PE-Cy5.5, PE-Cy7*				12