

Laser	Channel	Bandpass Filter (nm)	Primary Fluorochrome	Other Fluorochromes
Violet 405nm 100mW	V1	428/15	BV421	
	V2	443/15	SuperBright 436	Alexa Fluor 405, Vio Bright V423, Spark Violet 423, StarBright Violet 440, cFluor V420, Zombie Violet
	V3	458/15	eF450	V450, Pacific Blue, cFluor V450, vF450, VioBlue, eBFP, eBFP2, DAPI
	V4	473/15	SYTOX Blue	
	V5	508/20	BV480	V500, Spark Violet 500, StarBright Violet 475, vF500, cFluor V505, CFP
	V6	525/17	StarBright Violet 515	mAmetrine
	V7	542/17	BV510	Spark Violet 538, VioGreen, cFluor V547, eF506, Live/Dead Fixable Aqua
	V8	581/19	BV570	StarBright Violet 570, Pacific Orange, Live/Dead Fixable Yellow
	V9	598/20		
	V10	615/20	BV605	SuperBright 600, StarBright Violet 610, Live/Dead Fixable Red
	V11	664/27	BV650	SuperBright 645, StarBright Violet 670
	V12	692/28		
	V13	720/29	BV711	SuperBright 702, StarBright Violet 710
	V14	750/30	BV750	StarBright Violet 760
	V15	780/30	BV786	BV785, SuperBright 780, StarBright Violet 790
	V16	812/34		
Blue 488nm 50mW	B1	508/20	BB515	VioBright B515, Vio B515, cFluor B515, Spark Blue 515, NovaFluor Blue 510, GFP, eGFP, ZsGreen, DiO
	B2	525/17	FITC	AF488, VioBright FITC, KIRAVIA Blue 520, cFluor B532, CFSE
	B3	542/17	RB545	Spark Blue 550, cFluor B548, NovaFluor Blue 530, NovaFluor Blue 555, YFP, eYFP, mVenus, SYTOX Green, Live/Dead Fixable Green
	B4	581/19	PE	StarBright Blue 580, Spark Blue 574, cFluor BYG575
	B5	598/20	NovaFluor Blue 585	
	B6	615/20	RB613	BB630, StarBright Blue 615, cFluor BYG610, NovaFluor Blue 610-30S, NovaFluor Blue 610-70S, PE-CF594, PE-Dazzle 594, PE-eF610, PE-Texas Red, PE-Vio 615, mCherry
	B7	661/17	BB660	PE-Fire 640, Propidium Iodide, 7-AAD, SYTOX AADvanced
	B8	679/18	PerCP	StarBright Blue 675, cFluor BYG667, NovaFluor Blue 660-120S, PE-Cy5
	B9	697/19	PerCP-Cy5.5	BB700, StarBright Blue 700, NovaFluor Blue 690, cFluor B690, PE-Fire 700, PE-Cy5.5
	B10	717/20	RB705	PerCP-eF710, PerCP-Vio700, cFluor BYG710
	B11	738/21		

Blue 488nm 50mW	B12	760/23	RB744	BB755, StarBright Blue 765, cFluor BYG750
	B13	783/23	RB780	BB790, PerCP-Fire 780, PE-Cy7, PE-Vio770, cFluor BYG781
	B14	812/34	PerCP-Fire 806	StarBright Blue 810, PE-Fire 810
Red 640nm 80mW	R1	661/17	APC	cFluor R659, STYOX Red, Cy5, CellTrace Far Red, DiD
	R2	679/18	AF647	StarBright Red 670, eF660, Vio R667, Vio Bright R667, cFluor R668, NovaFluor Red 660, miRFP670, SYTOX Deep Red
	R3	697/19	NovaFluor Red 700	Alexa Fluor 660, Spark NIR 685, cFluor R685, NovaFluor Red 685, miRFP
	R4	717/20	AF700	R718, APC-R700, StarBright Red 715, Vio Bright R720, redFluor710, cFluor R720, Spark Red 718, NovaFluor Red 710, Ghost Dye Red 710
	R5	738/21	NovaFluor Red 725	
	R6	760/23		
	R7	783/23	APC-eF780	StarBright Red 775, APC-Fire 750, APC-Cy7, APC-H7, APC-Vio770, cFluor R780, NovaFluor Red 755, Ghost Dye Red 780
	R8	812/34	APC-Fire 810	Starbright Red 815, cFluor R840