

AURORA - Optical configuration:

Laser	Channel	Center Wavelength (nm)	Bandwith (nm)	Fluorescent Dyes/Proteins
UV 355 nm	UV1	373	15	Spark UV387
	UV2	388	15	BUV 395, CellTrace Blue
	UV3	428	15	
	UV4	443	15	
	UV5	458	15	
	UV6	473	15	Alexa Fluor 350, CellTrace Calcein Blue AM, eFluor 455, Ghost Dye UV 450, LIVE/DEAD Blue, FVS 455UV, Zombie UV
	UV7	514	28	BUV496, DAPI, Hoechst 33342
	UV8	542	28	
	UV9	582	31	BUV563
	UV10	613	31	BUV615
	UV11	664	27	BUV661
	UV12	692	28	
	UV13	720	29	
	UV14	750	30	BUV737
	UV15	780	30	
	UV16	812	34	BUV805
Violet 405 nm	V1	428	15	BV421
	V2	443	15	Alexa Fluor 405, cFluor V420, Spark Violet 423 Super Bright 436, Zombie Violet
	V3	458	15	BFP, CellTrace Violet, cFluor V450, eFluor 450, Ghost Dye Violet 450, FVS 450, LIVE/DEAD Violet, Pacific Blue, V450
	V4	473	15	Sytox Blue
	V5	508	20	BV480, AmCyan, cFluor V505, CFP, Spark Violet 500, V500
	V6	525	17	
	V7	542	17	BV510, cFluor V547, eFluor506, Ghost Dye Violet 510, Ghost Dye Violet 540, Krome Orange, LIVE/DEAD Aqua, Spark Violet 538, Zombie Aqua
	V8	581	19	BV570, Live/Dead Yellow, Pacific Orange
	V9	598	20	Mito Tracker Orange

	V10	615	20	BV605, cFluor V610, LIVE/DEAD Red, Qdot605, Super Bright 600, Zombie Yellow
	V11	664	27	BV650, Qdot 655, Super Bright 645
	V12	692	28	
	V13	720	29	BV711, Qdot 705, Super Bright 702
	V14	750	30	BV750
	V15	780	30	BV785, BV786, Qdot 800, Super Bright 780
	V16	812	34	
Blue 488 nm	B1	508	20	BB515, CellTrace Calcein, cFluor B515, NovaFluor Blue 510, Spark Blue 515
	B2	525	17	FITC, Alexa Fluor 488, cFluor B520, cFluor B532, CFSE, GFP, Ghost Dye Blue 516, Zombie Green
	B3	542	17	Alexa Fluor 532, cFluor B548, eFluor 520, FVS 520, LIVE/DEAD Green, MitoTracker Green, NovaFluor Blue 530, NovaFluor Blue 555, RB545, Spark Blue 550, Sytox Green, YFP
	B4	581	19	PE, Alexa Fluor 561, dTomato, eFluor 570, RFP, Spark Blue 574, Sytox Orange
	B5	598	20	DsRed, NovaFluor Blue 585
	B6	615	20	BB630, cFluor BYG610, ECD, mCherry, NovaFluor Blue 610, PE-CF594, PE-Dazzle 594, PE-eFluor 610, PE-Texas Red
	B7	661	17	7-AAD, BB660, FVS 620, PE-Alexa Fluor 660, PE-Fire 640, Propidium Iodide
	B8	679	18	PE-Cy5, cFluor B675, NovaFluor 660, PE-Alexa Fluor 647, PerCP
	B9	697	19	PerCP-Cy5.5, BB700, cFluor B690, NovaFluor Blue 690, PE-Cy5.5, PE-Fire 700
	B10	717	20	PerCP-eFluor 710, cFluor BYG710, PE-Alexa Fluor 700, RB705
	B11	738	21	
	B12	760	23	BB755, cFluor BYG750, RB744
	B13	783	23	PE-Cy7, cFluor BYG781
	B14	812	34	BB790, PE-Fire 810, PerCP-Fire 780, PerCP-Fire 806, RB780
Red 638 nm	R1	661	17	APC, cFluor R659, CellTrace Far Red
	R2	679	18	Alexa Fluor 647, APC-Cy5, cFluor R668, eFluor 660, FVS 660, LIVE/DEAD Far Red, NovaFluor Red 660, Sytox Deep Red
	R3	697	19	Alexa Fluor 660, APC-Cy5.5, cFluor R685, DRAQ5, NovaFluor Red 685, NovaFluor Red 700, Spark NIR 685
	R4	717	20	Alexa Fluor 700, APC-Alexa Fluor 700, APC-R700, cFluor R720, Ghost Dye Red 710, NovaFluor Red 710, R718

	R5	738	21	NovaFluor Yellow 730
	R6	760	23	Zombie NIR
	R7	783	23	Alexa Fluor 750, APC-Alexa 750, APC-Cy7, APC-eFluor 780, APC/Fire-750, APC-H7, cFluor R780, Ghost Dye Red 780, eFluor780, FVS 780, LIVE/DEAD NIR, NovaFluor Red 755
	R8	812	34	Alexa Fluor 790, APC-Fire 810, cFluor R840