

## UWCCC WIMR Attune Nxt Blank Instrument Map Thunder / Lightning / SAIRF / PEDS

		488 Blue 3 Detectors			633 Red 3 Detectors			405 Violet 4 Detectors				561 YellowGreen 4 Detectors			
Detector	Filter	BL1	BL2	BL3	RL1	RL2	RL3	VL1	VL2	VL3	VL4	YL1	YL2	YL3	YL4
	Dichroic	530/30	590/40	695/40	670/14	720/30	780/60	440/50	512/25	603/48	710/50	585/16	620/15	695/40	780/60
		503LP	555LP	650LP	654LP	690LP	740LP	417LP	495LP	555LP	650LP	577LP	600LP	650LP	740LP

Notes:

<b>Side Scatter(SSC) Off Violet Possible With No Lyse/No Wash Filter Set</b>	<b>Fluorochromes are listed for optimal excitation and emission.</b>
<b>GFP/YFP/mCherry; Fluorecent Protein Filter Set Is Available For Optimal Configuration</b>	- BV, BUV, BB dyes require the use of the Brilliant Dye Staining Buffer.
PerCP alone does not work on the Attune (goes into "triplet state" and stops fluorescing); PerCP tandems are okay.	- SuperBright dyes require the use of the SuperBright Staining Buffer.
*Starred fluorochromes will show up in all channels listed, but are brightest in the <b>Bolded</b> channel.	- NovaFluor dyes require the use of the Cellblox Plus Blocking Buffer.
Red Text Indicates Filter Swap. Optimal Filter Listed. Confirm Filter Availability with UWCCC Flow Lab Staff.	- NovaFluor dyes can <b>NOT</b> be used with DNA dyes (DAPI, 7AAD, PI, etc.).
For newly released or less common fluorochromes please see spectra viewers for usability on this instrument or email uwflow@uwcarbone.wisc.edu for guidance.	