ZS 031524

UWCCC Biotech Attune Nxt V6 Blank Instrument Map

River

	488 Blue 2 Detectors		633 Red 3 Detectors			405 Violet 6 Detectors						561 YellowGreen 3 Detectors		
Detector	BL1	BL2	RL1	RL2	RL3	VL1	VL2	VL3	VL4	VL5	VL6	YL1	YL2	YL3
Filter	530/30	695/40	670/14	720/30	780/60	450/40	525/50	610/20	660/20	710/50	780/60	585/16	620/15	780/60
Dichroic	503LP	555LP	654LP	690LP	740LP	417LP	495LP	555LP	635LP	680LP	740LP	577LP	600LP	650LP

Notes:

Side Scatter(SSC) Off Violet Possible With No Lyse/No Wash Filter Set	**Fluorochromes are listed for optimal excitation and emission.**
GFP/YFP/mCherry; Fluorecent Protein Filter Set Is Available For Optimal Configuration	- 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 fluorchromes will show up in all channels listed, but are brightest in the **Bolded** 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 **NOT** 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.	