

The Cantoll "Thalia" is equipped with 3 lasers and 8 fluorescence channels.

Lasers	Detector Name	fluorochrome detected (examples)	PMT	Dichroic LP Filter	BP Filter
Violet 405nm	V450	BV421, PacB, V450, VioB, BFP, DAPI, CTViolet, mTurquoise	B	empty	450/50
Violet 405nm	V510	BV510, V500, AmCyan, PacO, DAPI, VioG, KromeO	A	502LP	510/50
Blue 488nm	SSC	Side Scatter	F	empty	488/10
Blue 488nm	B530	FITC, Alexa488, GFP, CFSE, BB515, zsGreen, mVenus	E	502LP	530/30
Blue 488nm	B585	PE, PI	D	556LP	585/42
Blue 488nm	B670	PerCP, PerCPCy5.5, PI, PerCPVio700, PerCPeF710, 7AAD	B	655LP	670LP
Blue 488nm	B780	PECy7, PEVio770	A	735LP	780/60
Red 633nm	R660	APC, Alexa647, Cy5	C	empty	660/20
Red 633nm	R780	APCCy7, APCAlexa750, APCVio770, APCeF780, ZombieNIR	A	735LP	780/60