

ARIA												
LASER	CHANNEL	FILTER/MIRROR		ALEXA FLUOR	BD	Thermo	DYLIGHT	eFluor	MILTENYI	Qdot	TANDEM	OTHER
405	VIOLET	F	450/50		AF405	BV421, V450	SB436	DyLight405	eFluor 450	VioBlue		DAPI, Pacific blue, LD-V
		E	510/50	LP502		BV510, V500, BV480, BV415			eFluor506	VioGreen	525	KO, Pacific-Orange, Pacific Green, Amcyan
		D	610/20	LP600		BV605	SB600				605	
		C	670/30	LP640		BV650	SB645				655	
		B	710/50	LP655		BV711	SB702				705	
		A	780/60	LP750		BV785, BC786	SB780				800	
488	BLUE	B	530/30	LP502	AF488	BB515		DyLight488		VioBright FITC		FITC, GFP, YFP, Amcyan
		A	695/40	LP655		BB700				PerCP-Vio700		PerCP-Cy5,5, PerCP-eFluor710 PerCP
561	GREEN	E	582/15		AF555, AF561							PE
		D	610/20	LP600	AF594, AF568		DyLight594			PE-Vio615		PE-Texas red, PE-AF610, PE-EF610, PE-CF594 Texas red, PI
		C	670/14	LP630							PE-Cy5, PE-AF647	7AAD
		B	710/50	LP685						PerCP-Vio700		PE-Cy5,5 PE-AF700
		A	780/60	LP735						PE-Vio770		PE-Cy7, PE-AF750
635	RED	C	660/20		AF647, AF660		DyLight650	eFluor 660				APC, Cy5
		B	730/45	LP690	AF 680, AF700		DyLight680					Cy5,5
		A	780/60	LP755	AF750		DyLight755			APC-Vio770		APC-Cy7, APC-eFluor780, APC-H7 APC-eFluor 780, LD NIIR

FORTESSA												
LASER	CHANNEL	FILTER/MIRROR		ALEXA FLUOR	BD	Thermo	DYLIGHT	eFluor	MILTENYI	Qdot	TANDEM	OTHER
405	VIOLET	F	450/50		AF405	BV421, V450	SB436	DyLight405	eFluor 450	VioBlue, VioBright V423		Pacific blue, LD-V, Spark-Violet-423
		E	525/50	LP475		BV510, V500, BV480, BV415			eFluor 506	VioGreen	525	KO, Pacific-Orange, Pacific Green, Amcyan
		D	610/20	LP600		BV605	SB600				605	
		C	655/8	LP630		BV650	SB645				655	
		B	710/50	LP685		BV711	SB702				705	
		A	780/60	LP750		BV785, BC786	SB780				800	
488	BLUE	B	530/30	LP505	AF488	BB515		DyLight488		Vio515, VB B515, VB-FITC		FITC, GFP, YFP, Amcyan
		A	710/50	LP685		BB700				PerCP-Vio700		PerCP-Cy5,5, PerCP-eFluor710
532	GREEN	E	582/15		AF555, AF561	BYG584						PE
		D	610/20	LP600	AF594, AF568		DyLight594		PE-Vio615		PE-Texas red, PE-AF610, PE-EF610, PE-CF594	Texas red, PI
		C	670/30	LP635							PE-Cy5, PE-AF647	7AAD
		B	710/50	LP685					PerCP-Vio700		PE-Cy5,5 PE-AF700	
		A	780/60	LP750					PE-Vio770		PE-Cy7, PE-AF750	
640	RED	C	670/14		AF647, AF660		DyLight650	eFluor 660	VioR667,VB667			APC, Cy5
		B	730/45	LP690	AF 680, AF700		DyLight680		VioR720,VB720			Cy5,5
		A	780/60	LP750	AF750		DyLight755		APC-Vio770		APC-Cy7, APC-eFluor780. APC-H7	APC-eFluor 780. LD NIIR

IMAGE STREAM (ISX)

Excitation Laser (nm)											
Ch	Band (nm)	375	405	488	561	592	642	730	785	Used	Ch
1	435-505 (457/45)	*DAPI, BV421, AF350, Hoechst, PacBlue, CascadeBlue,	*DAPI, BV421, AF405, Hoechst, PacBlue, CascadeBlue, , eFluor450, DyLight405, CFP, LIVE/DEAD Violet								1
2	505-560 (533/55)	*BV510, PacOrange, CascadeYellow, AF430, eFluor525, QD525,	*BV510, PacOrange, CascadeYellow, AF430, eFluor525, QD525,	FITC, AF488, GFP, YFP, DyLight488, PKH67, Syto13, SpectrumGreen, LysoTrackerGreen, MitoTrackerGreen							2
3	560-595 (577/35)	*QD565, QD585, eFluor565	*QD565, QD585, eFluor565	PE, PKH26, DSRed, mOrange, CellMask/CellTracker/ SYTOX Orange, Cy3	PE, AF546, Cy3*, DyLight550, PKH26, DSRed, SpctmOrng, MTOrng						3
4	595-642 (610/30)	*QD625, eFluor625, BV605	*QD625, eFluor625, BV605	PE-TeXRed, ECD, PE-AF610, RFP, QD625, eFluor625	AF568, Cy3*, PE-TeXRed, ECD, TexRed, PE-AF610, RFP, mCherry, PI	TexRed, AF594, DyLight594, mCherry, SpectrumRed, PI,					4
5	642-745 (702/85)	*QD705, eFluor700, BV711	*QD705, eFluor700, BV711	PE-Cy5, PE-AF647, 7AAD, PI*, PerCP, PerCP-Cy5.5, DRAQ5, QD705, eFluor650, FuraRedLo, DRAQ5*, LDS 751	PE-Cy5, PE-AF647, DRAQ5*, 7AAD, LDS751	AF647, AF680, AF680, APC, Cy5, DyLight649, PE-AF647, PE-Cy5, DRAQ5*	APC, AF647, AF660, AF680, DRAQ5, Cy5, DyLight649, DyLight680, PE-AF647, PE-Cy5, PerCP, PerCP-Cy5.5				5
6	745-785 (765/40)	*QD800, BV786	*QD800, BV786	PE-Cy7, PE-AF750, QD800	PE-Cy7, PE-AF750	APC-Cy7, APC-AF750, APC-H7, APC-eFluor750	APC-Cy7, APC-AF750, APC-H7 APC-eFluor750, Cy7, AF750, DyLight750, PE-Cy7, PE-AF750	AF750, Cy7, DyLight750, PE-Cy7, PE-AF750	SSC		6