HTS LSR Fortessa II configuration

In this cytometer long wavelengths *pass* through a Long Pass (LP) filter into a Band Pass (BP) filter and then enter the detector.
An High Throughput Sampler (HTS) Option is available to read 96 or 384 well plates

Laser 488 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluorochromes
A	655LP	695/40	PerCP, PI, PerCP-Cy5.5, 7AAD, BB700
B	505LP	530/30	FITC, GFP, Cy2, CFSE, AF488, YFP, BB515

Laser 640 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluorochromes
A	750LP	780/60	APC-Cy7, APC-H7
B	695LP	730/45	AF700, APC-R700
C	N/A	670/30	APC, Cy5, AF647

Laser 405 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluorochromes
A	750LP	780/60	BV786
B	690LP	710/50	BV711
C	655LP	660/20	BV650
D	595LP	610/20	BV605
E	505LP	525/50	BV510, Horizon V500, AF430
F	N/A	450/50	BV421, Pacific Blue, Horizon 450, AF405

Laser 561 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	750LP	780/60	PE-Cy7
B	635LP	670/30	7AAD, PE-Cy5, mRaspberry
C	595LP	610/20	TexasRed, PI, RFP, mCherry, mStrawberry, AF594
D	N/A	586/15	DsRed, Cy3, PE

Laser 355 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluorochromes
A	635LP	740/35	Hoechst Red, BUV737
B	410LP	450/50	DAPI, AF350, Hoechst Blue
C	N/A	379/28	BUV395

BV = Brilliant Violet
AF = Alexa Fluor