

<b>Ultima in Vivo possible filter combinations with main detector dichroic (MDD)</b>			
<b>Possible Combination</b>	<b>Dichroic A</b>	<b>Dichroic B</b>	<b>Prairie 5.0 Interface</b>
RFP, GFP, FAD, SHG	GFP/RFP c146046	SHG/FAD C144562	RFP goes to Channel 1 GFP goes to Channel 2 FAD goes to Channel 3 SHG goes to Channel 4
RFP, GFP, EGFP, SHG	GFP/RFP c146046	SHG/EGFP C144561	RFP goes to Channel 1 GFP goes to Channel 2 EGFP goes to Channel 3 SHG goes to Channel 4
RFP, GFP, FAD, NADH	GFP/RFP c146046	NADH/FAD c-144550	RFP goes to Channel 1 GFP goes to Channel 2 FAD goes to Channel 3 NADH goes to Channel 4
RFP, GFP, CFP, SHG	GFP/RFP c146046	SHG/CFP c146045	RFP goes to Channel 1 GFP goes to Channel 2 CFP goes to Channel 3 SHG goes to Channel 4
FAD, SHG, CFP	SHG/FAD c144562	SHG/CFP c146045	FAD goes to Channel 1 SHG goes to Channel 2 CFP goes to Channel 3 SHG goes to Channel 4
FAD, SHG, FAD, NADH	SHG/FAD c144562	NADH/FAD C144550	FAD goes to Channel 1 SHG goes to Channel 2 FAD goes to Channel 3 NADH goes to Channel 4
EGFP, SHG, CFP	SHG/EGFP c144561	SHG/CFP c146045	EGFP goes to Channel 1 SHG goes to Channel 2 CFP goes to Channel 3 SHG goes to Channel 4
EGFP, SHG, GFP, CFP	SHG/EGFP c144561	or CFP/GFP c146044	EGFP goes to Channel 1 SHG goes to Channel 2 GFP goes to Channel 3 CFP goes to Channel 4
EGFP, SHG, FAD, NADH	SHG/EGFP c144561	NADH/FAD c144550	EGFP goes to Channel 1 SHG goes to Channel 2 FAD goes to Channel 3 NADH goes to Channel 4

<b>Filter:</b>	$\lambda$	<b>Use filters:</b>	<b>Place filter</b>	<b>Prairie 5.0 interface</b>
SHG/FAD	SHG 445/40 FAD 592/100	C144562 is what Rajeev was using, but also C145013	Dichroic A	FAD will be in Channel 1 and SHG will be in Channel 2
SHG/EGFP	SHG 430/50 EGFP 525/50	C144561	Dichroic A	EGFP will be in Channel 1 and SHG will be in Channel 2
GFP/RFP	GFP 525/50 RFP 620/60	C146046	Dichroic A	RFP will be in Channel and GFP will be in Channel 2
SHG/CFP	SHG 445/25 CFP 480/440	C146045	Dichroic A	CFP will be in Channel1 and SHG will be in Channel2
NADH/FAD (Custom T510lpxr)	NADH 450/100 FAD 592/100	C144550	Dichroic A	FAD will be in Channel1 and NADH will be in Channel 2
CFP/GFP	CFP 480/40 and GFP 535/30	C146044	Dichroic A	GFP will be in Channel 1 and CFP will be in Channel 2