

SUPPLEMENTAL FIGURES:

Supplemental Figure 1. MHC genotyping of cyno macaque donor and recipients

The MHC class I (red bar) and II (blue bar) genes from donor and recipient animals are shown using a color code to depict allelic differences between monkey pairs.

Supplemental Figure 2

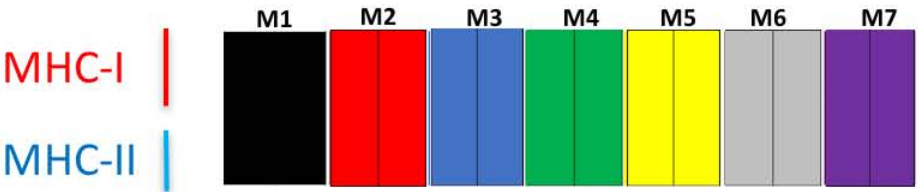
Assessment of donor Treg (H38+) by the expression of Foxp3 in CD3+CD4+ T cells on days 120,134,160 and 238.

Supplemental Figure 3

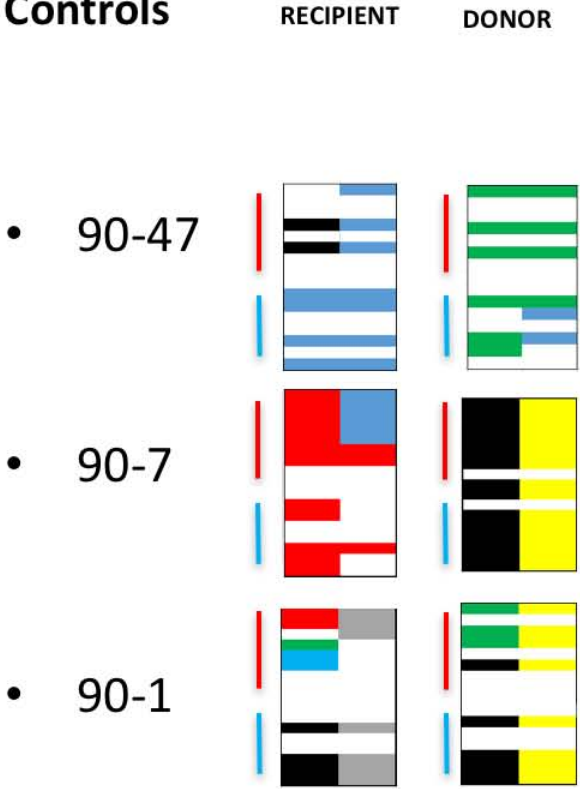
Assessment of anti-donor alloantibody pre- and post-BMT and kidney transplant in Treg recipients M5210 (panel A) and 3 non-Treg recipients (panel C). Sensitized (+ control - panel B) serum from a pool of animals that rejected their kidneys (top right panel). No or minimal alloantibody was detected in control animals, suggesting that alloantibody was not responsible for the rejection. Panel (A) secondary antibody alone (in red), cells alone (black), serum and mouse-antihuman IgG (blue). Panel (B), sensitized serum with anti-human IgG (red). Panel (C) serum + secondary anti-human IgG (blue).

Supplemental Figure 1

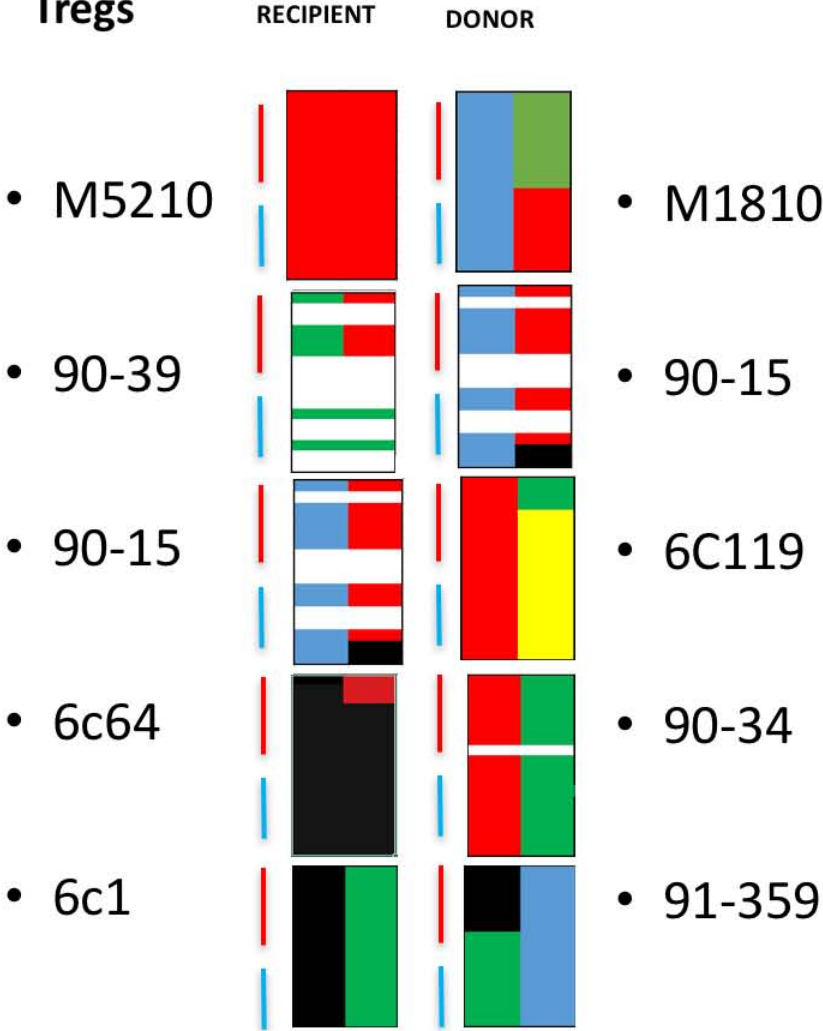
MICROSATELLITE (M) HAPLOTYPES



Controls



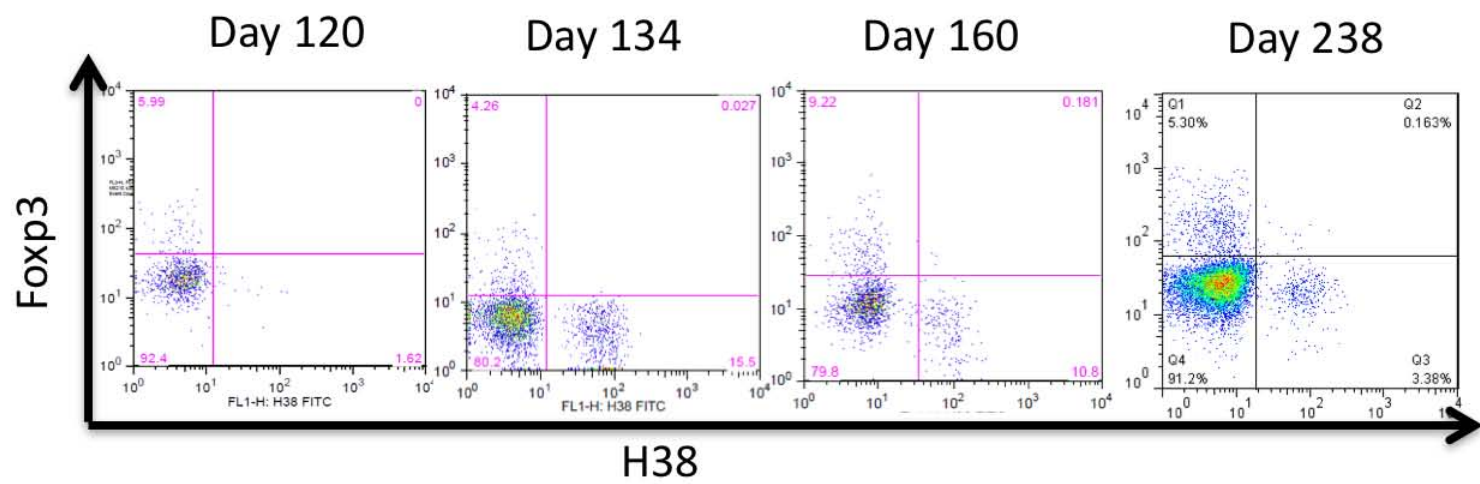
Tregs



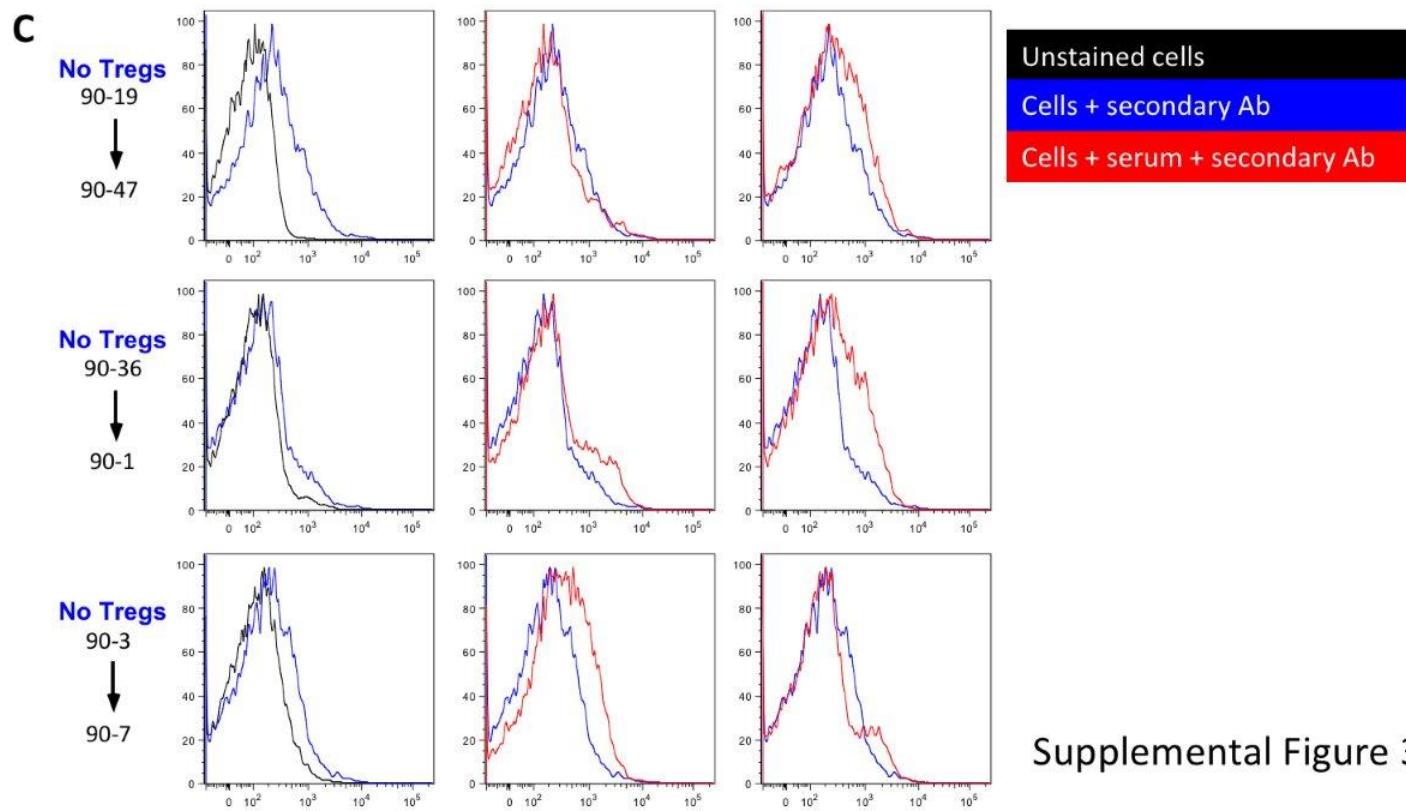
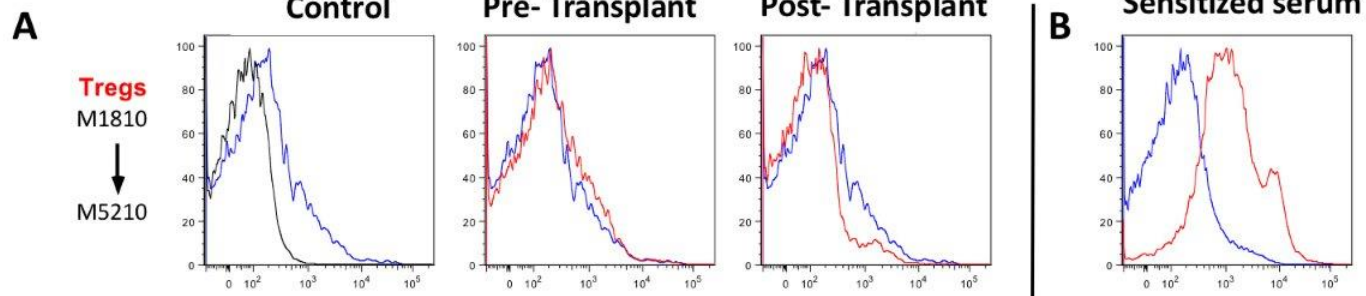
- M1810
- 90-15
- 6C119
- 90-34
- 91-359

Supplemental Figure 2

CD3+CD4+ lymphocytes



Day	120	134	160	238
Donor T cell (%) chimerism	0.9	10.2	8.3	3.8
Donor Treg (%) chimerism	0	0.6	1.9	2.9
# Total CD4+Foxp3+ per uL	0	7.3	75	35



Supplemental Table 1. Details of the regulatory T cells infused to recipients

ANIMAL	INFUSION	LINES INFUSED	#Tregs infused	FoxP3 expression	% suppression at 1:1
M5210	d0	Fresh #1	15x10 ⁶ /kg	95%	>97%
5.0 kg	d+2	Frozen #1	20x10 ⁶ /kg	95%	>97%
	d+5	Frozen #1	15x10 ⁶ /kg	95%	>95%
	d+7	Fresh #2	40x10 ⁶ /kg	95%	ND
	d+50	Frozen #2	28x10 ⁶ /kg	95%	>95%
90-39	d0	Frozen # 1	16.12x10 ⁶ /kg	97.40%	91%
6.2kg	d+2	Fresh #3	20.16x10 ⁶ /kg	64.14%	ND
	d+5	Frozen #2	16.12x10 ⁶ /kg	95.55%	ND
	d+7	Fresh #4	40.32x10 ⁶ /kg	ND	ND
90-15	d0	Frozen # 1	15.13x10 ⁶ /kg	>95%	96%
7.6kg	d+2	Fresh #3	19.73x10 ⁶ /kg	ND	96%
	d+5	Frozen #2	15.13x10 ⁶ /kg	ND	96%
	d+7	Fresh #4	39.47x10 ⁶ /kg	ND	ND
	d+50	Fresh #5	27.63x10 ⁶ /kg	ND	ND
6c1	d0	Frozen #1	15x10 ⁶ /kg	86%	>95%
8kg	d+2	Frozen #1	20x10 ⁶ /kg	86%	>95%
	d+5	Frozen #1	15x10 ⁶ /kg	86%	>95%
	d+7	Frozen #1	40x10 ⁶ /kg	86%	>95%
	d+50	Fresh #2	28x10 ⁶ /kg	ND	ND
6c64	d0	Frozen #1	19.74x10 ⁶ /kg	70%	83%
7.6kg	d+2	Frozen #1	26.31x10 ⁶ /kg	70%	83%
	d+5	Frozen #1	19.74x10 ⁶ /kg	70%	83%
	d+7	Frozen #1	52.63x10 ⁶ /kg	70%	83%
	d+50	Frozen#1	36.8x10 ⁶ /kg	70%	83%

ND= not done