A

Treg suppressive curves, raw data from 3 patients

Divisions of Teffs, % of cells

Number of Teffs for 1 Treg

- 0110L
- 0109L
- 0211L
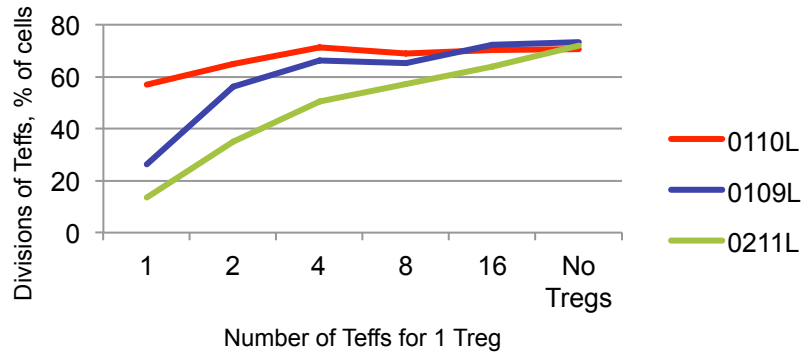
B

$$\text{Standardized suppression} = \frac{(\% \text{ div. without Tregs} - \% \text{ div. at current ratio})}{\% \text{ of div. without Tregs}} \times 100$$

An example of calculation for Tregs from patient 0211L

N of Teffs for 1 Treg	Divisions of Teffs, %	Standardized suppression, %
1	13.46	81.28
2	35.05	51.27
4	50.31	30.05
8	57.32	20.30
16	63.78	11.32
No Tregs	71.92	0

C

Standardized suppression curves, data from 3 patients

Standardized suppression, %

Number of Teffs for 1 Treg

- 0110L
- 0109L
- 0211L
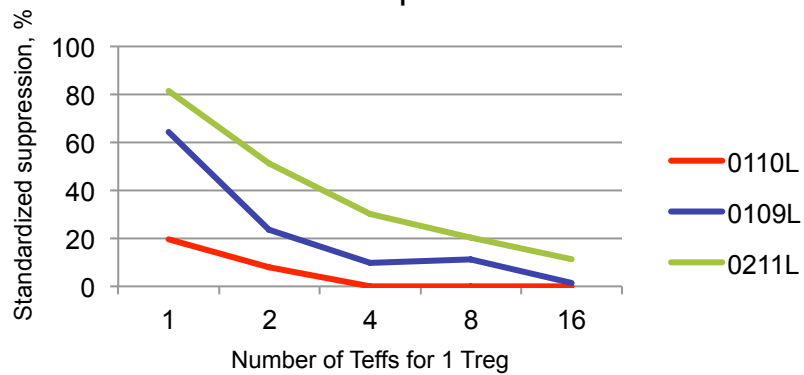
D

Area under curve (AUC) for Tregs from 0211L patient

AUC=374.8

Standardized suppression, %

Number of Teffs for 1 Treg
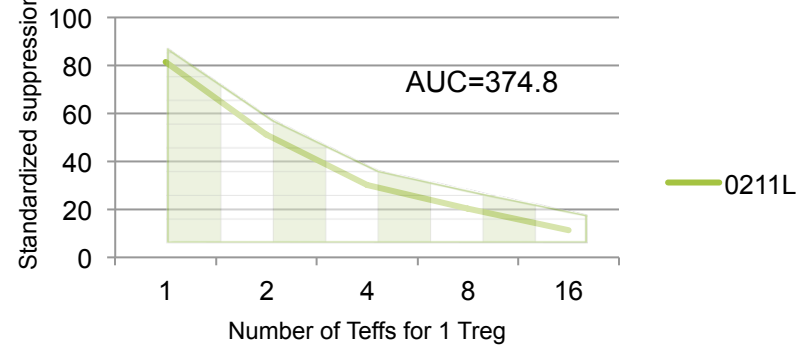
- 0211L

Figure S1

Abnormal patterns of FOXP3 expression in Tregs of Tx recipients
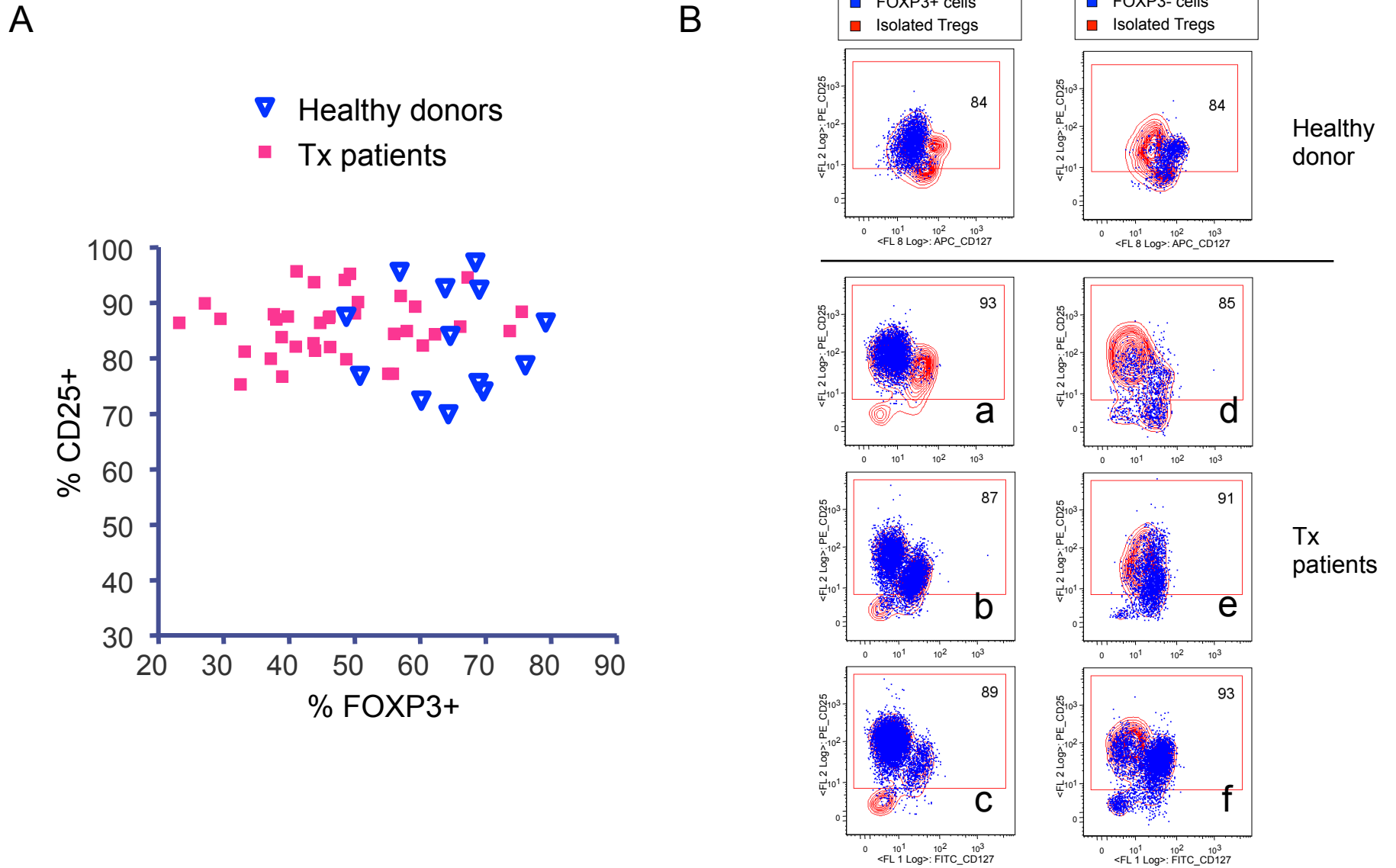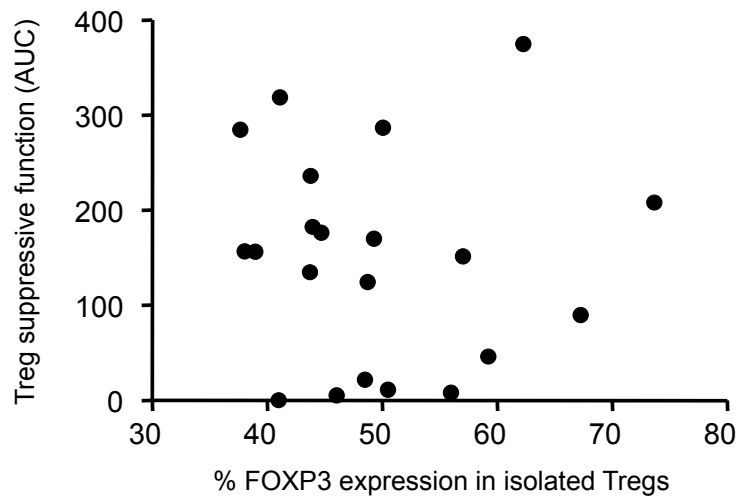
A

B

Figure S2

Lack of correlation between Treg expression of FOXP3 and their suppression of normal CD4 T cell proliferation

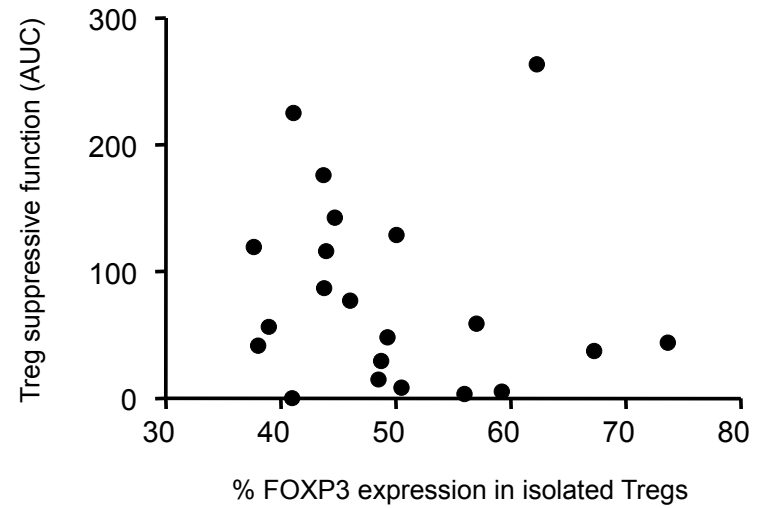Lack of correlation between Treg expression of FOXP3 and their suppression of normal CD8 T cell proliferation
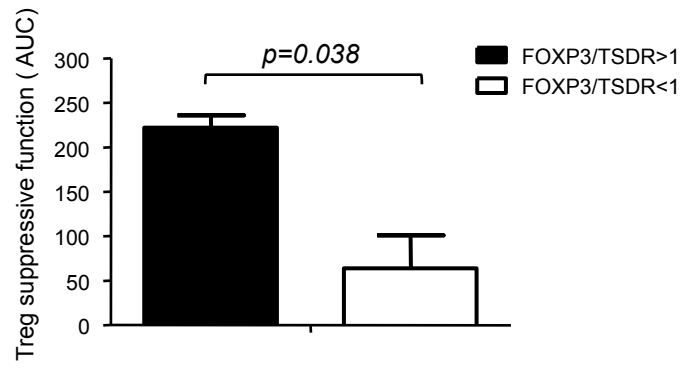
Figure S3

A Tregs with FOXP3/TSDR ratio >1 are more suppressive

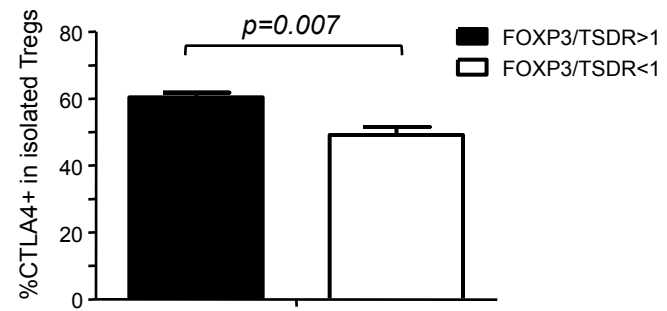**B** Tregs with FOXP3/TSDR ratio >1 have higher CTLA4+ expression

Figure S4