

A.

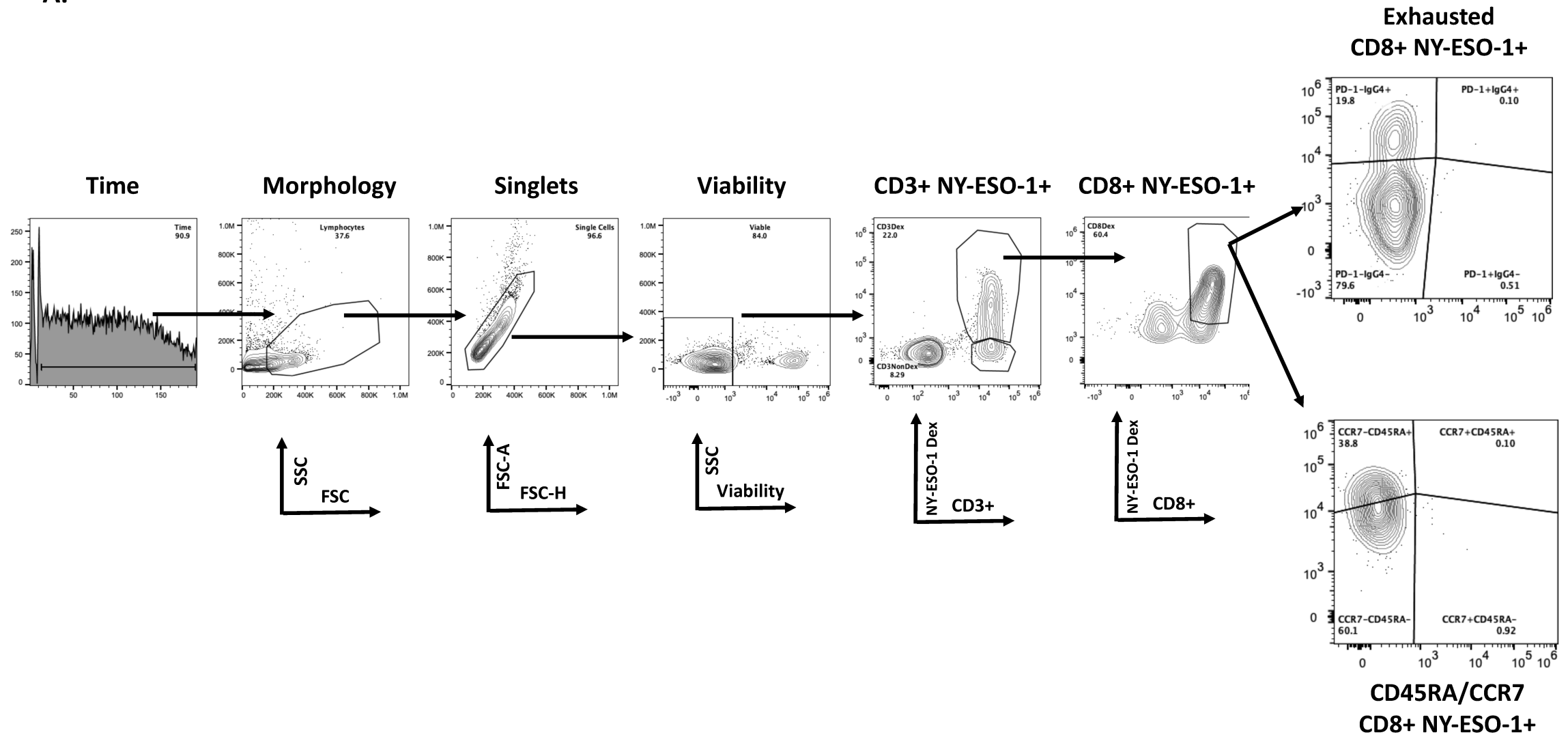


Figure S1

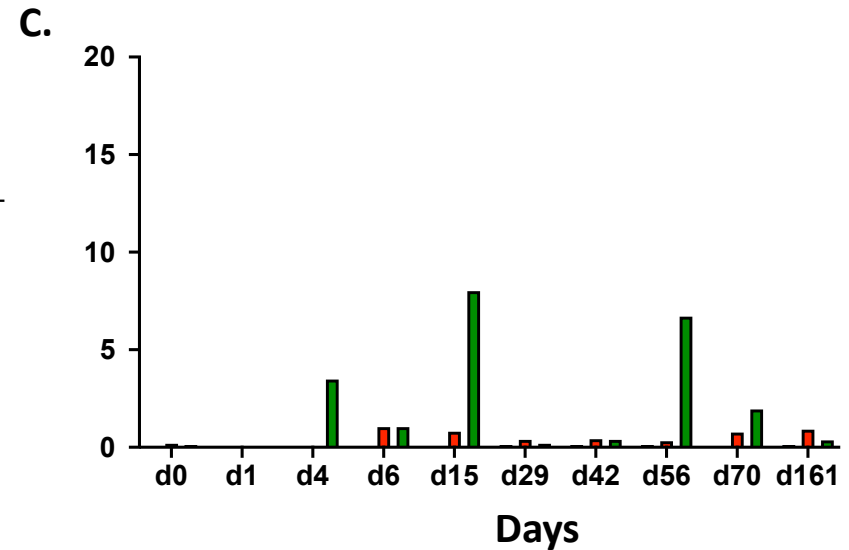
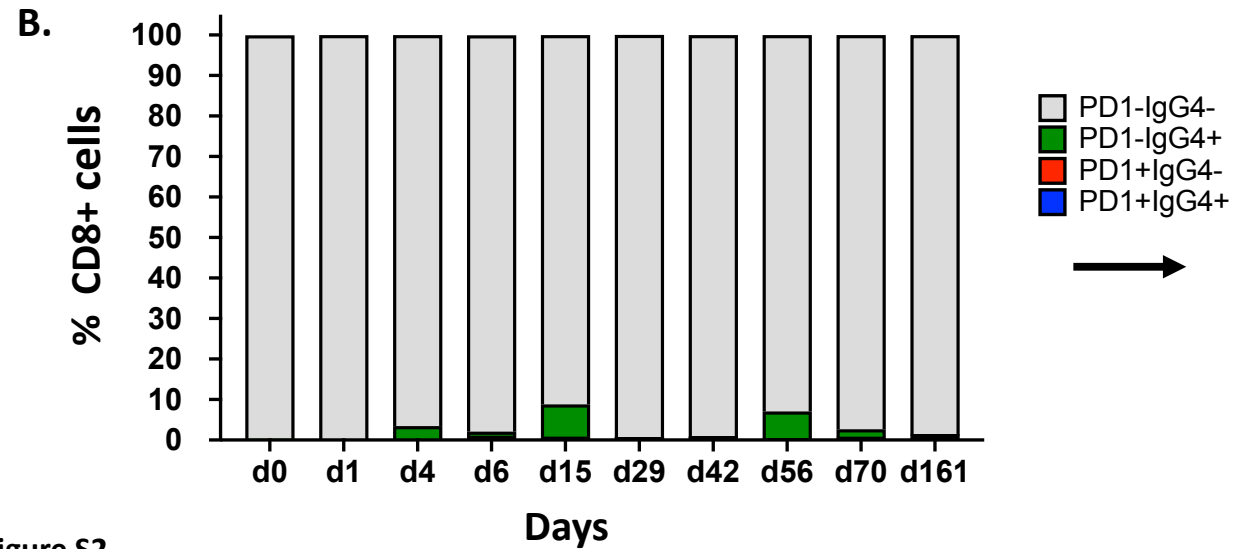
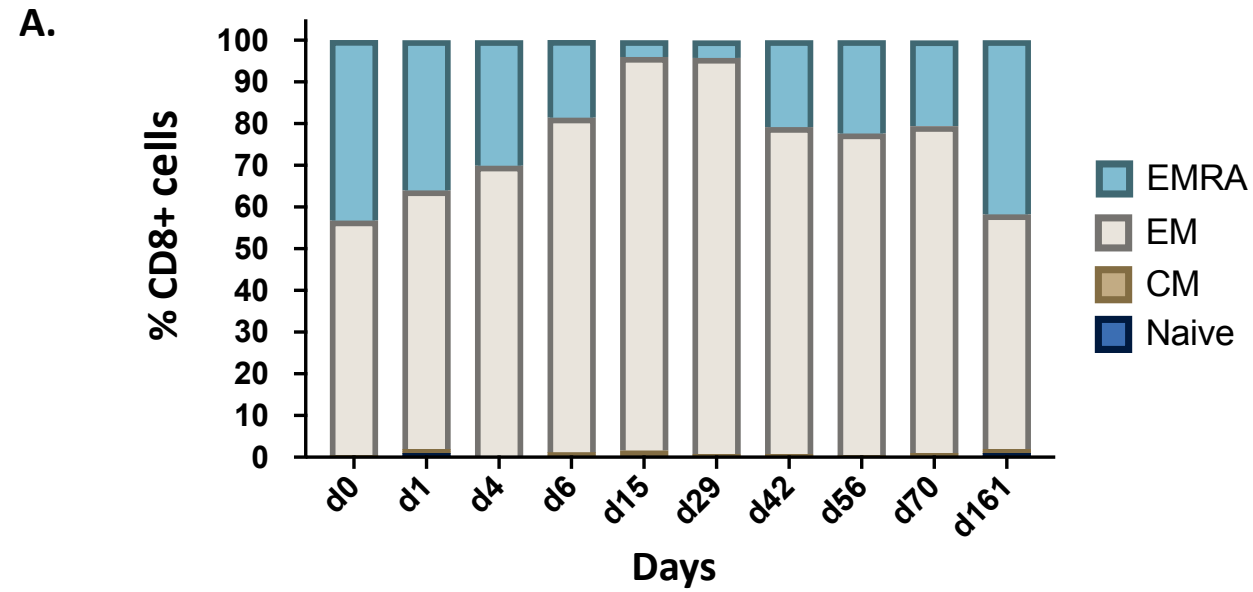


Figure S2

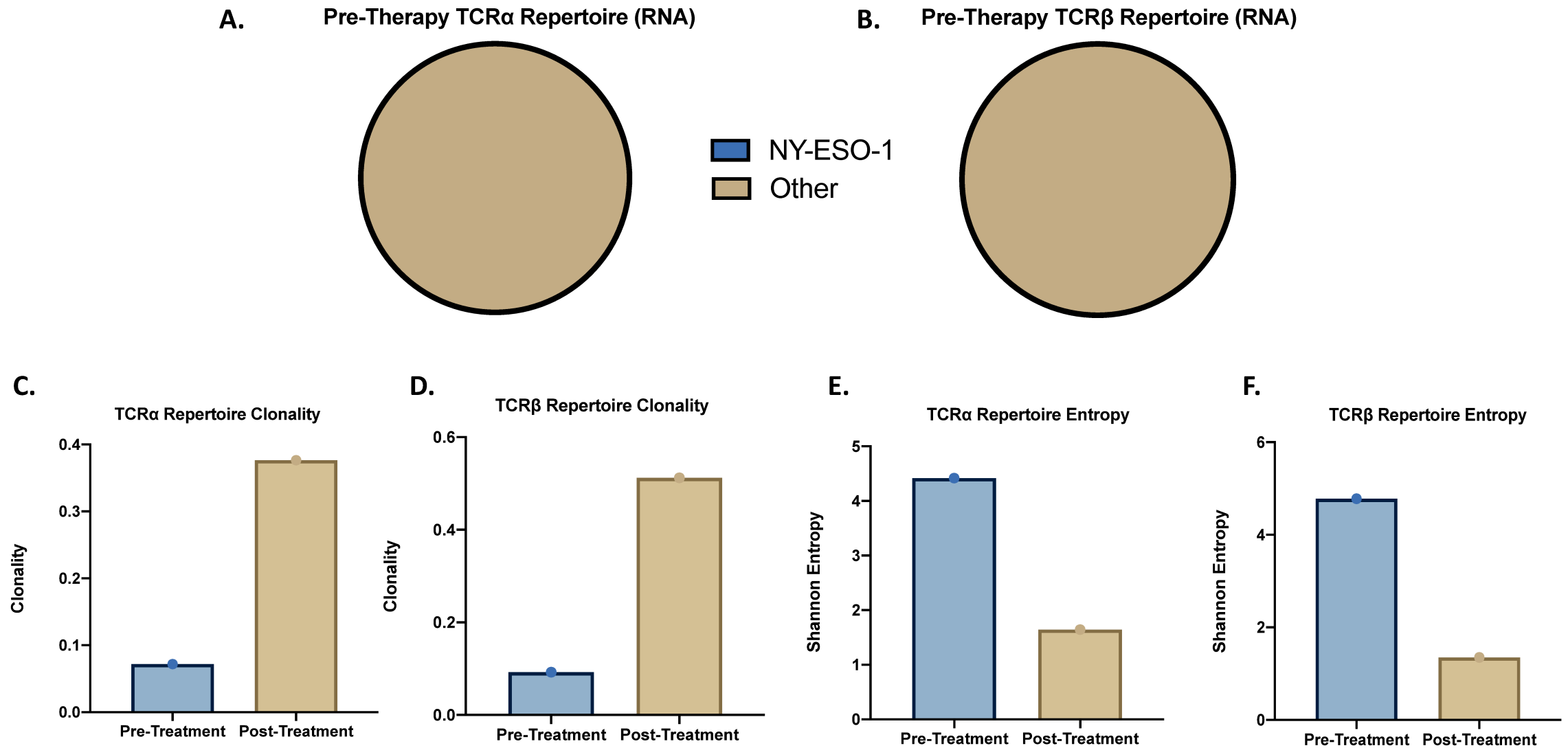


Figure S3.

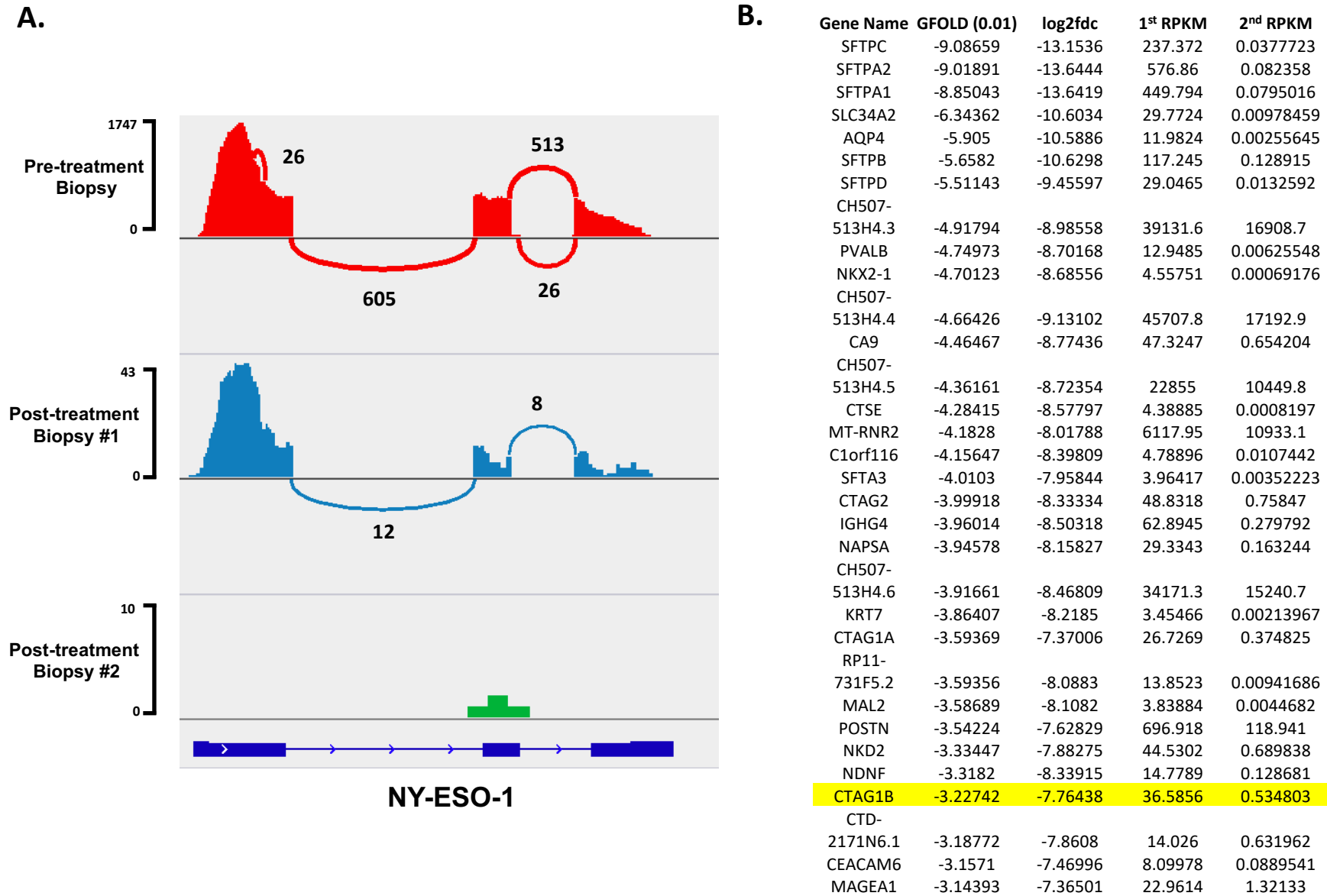


Figure S4.

<u>Reagent</u>	<u>Fluorochrome</u>	<u>Clone</u>	<u>Vendor</u>
CD3	AlexaFluor 488	UCHT1	Biolegend
Negative Dextramer HLA-*0201	PE	N/A	Immudex
NYESO-1 (HLA-A-*201) (SLLMWITQV) Dextramer	PE	N/A	Immudex
CD19	PE/Cy5	HIB19	Biolegend
CD19	PE	HIB19	Biolegend
OneComp eBeads Compensation Beads	N/A	N/A	ThermoFisher
SYTOX AADVANCED DEAD CELL	N/A	N/A	ThermoFisher
IgG4	AlexaFluor 647	HP6025	Southern Biotech
Mouse IgG1- Isotypec control for IgG4	AlexaFluor 647	15H6	Southern Biotech
CD45RA	APC-FCy7	HI100	Biolegend
CD279 (PD-1)	Brilliant Violet 650	MIH4	BDBioscience
CD197(CCR7)	Brilliant Violet 711	G043H7	Biolegend
CD8	Brilliant Violet 785	RPA-T8	Biolegend
CD39	Brilliant Violet 421	A1	Biolegend

APC – Allophycocyanin; PE-phycoerythrin

Supplementary Table 1

<u>Antibody</u>	<u>Vendor</u>	<u>Cat</u>	<u>Clone</u>	<u>Antibody Dilution</u>	<u>Antigen retrieval</u>	<u>Incubation time</u>	<u>Opal dye</u>
IgG4	Millipore	411492	HP6025	1:200	ER2 20min	30 mins	opal 620
CD8	DAKO	M7103	C8/144B	1:100	ER2 20min	30 mins	opal 480
PD-1	Cell Marque	NAT105 315m-96	NAT105	1:50	ER2 30min	30 mins	opal 570
PDL-1	Spring/ Abcam	M4420/ ab228462	SP142	1:100	ER2 30min	30 mins	opal 520
TLE1	Abcam	ab183742	EPR9386(2)	1:2000	ER1 20min	30 mins	opal 690

Supplementary Table 2