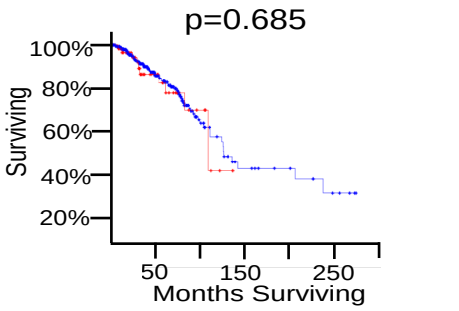
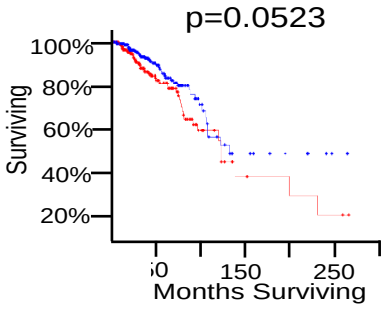
Supplemental Figure 1

A

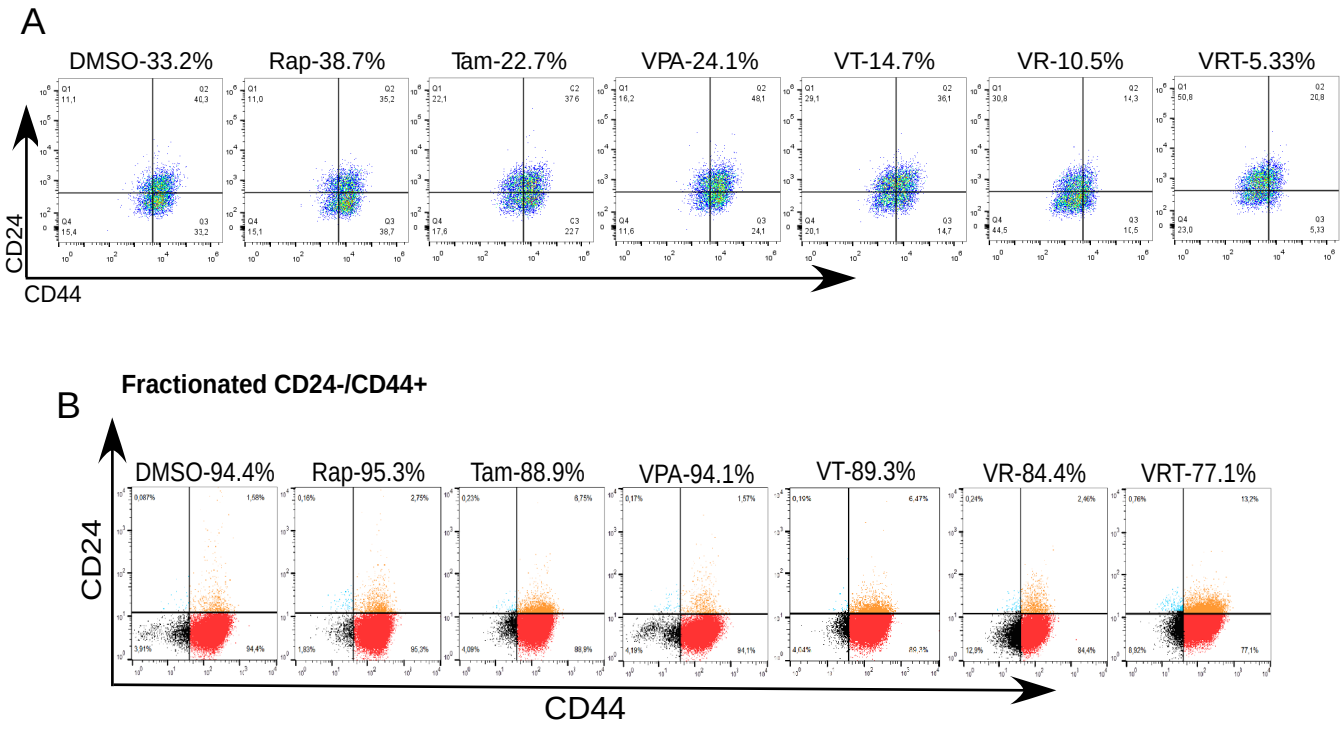




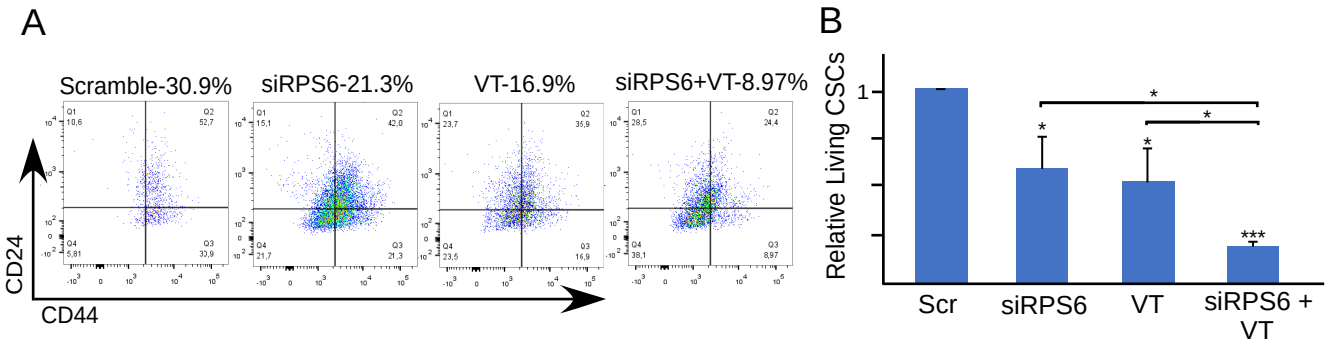
HDAC Expression	High	Low
Total Cases	72	454
Deceased	11	72
Median Months Survival	112.2	129.6

mTORC1 Expression	High	Low
Total Cases	246	281
Deceased	45	38
Median Months Survival	129.4	140.1

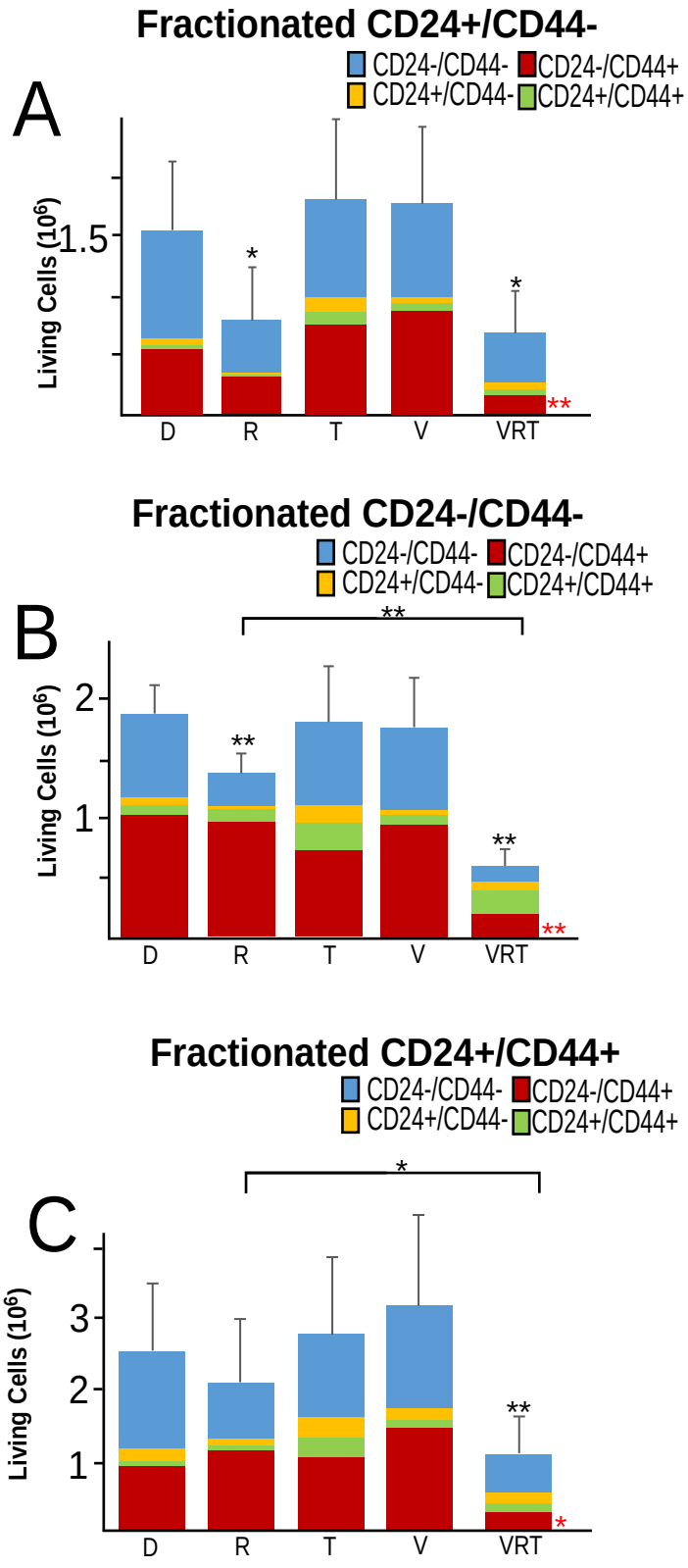
Supplemental Figure 2



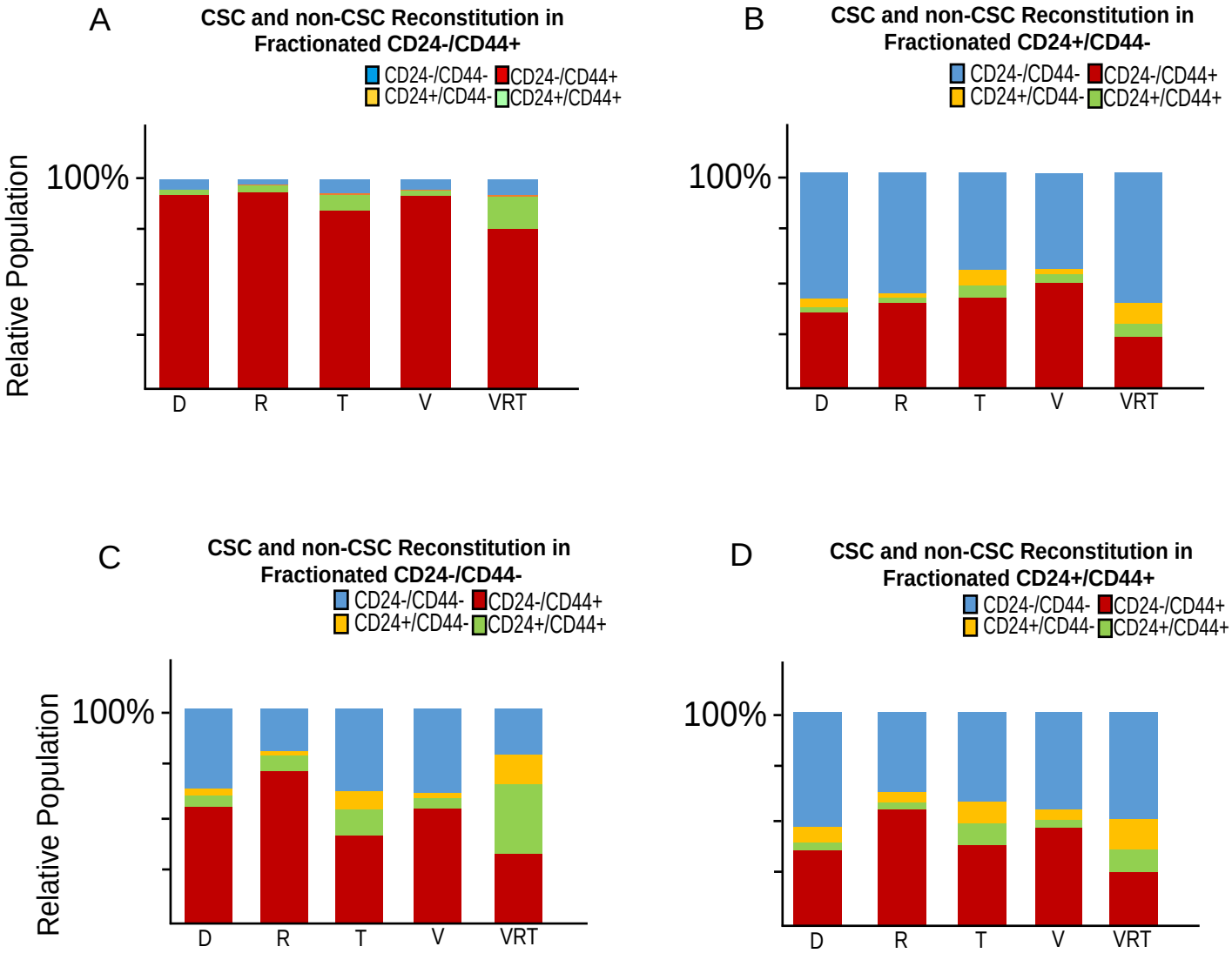
Supplemental Figure 3



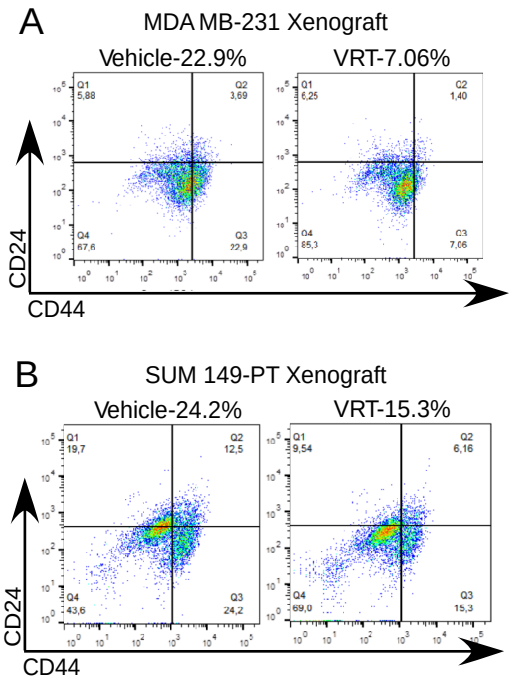
Supplemental Figure 4



Supplemental Figure 5



Supplemental Figure 6



Supplemental Figure 7

A

SUM 149-PT

	$1x10^5$	$1x10^4$	$1x10^3$	$1x10^2$
Vehicle	3/3	2/3	1/3	0/3
VRT	2/3	0/3	0/3	0/3

Table S1. Primers used in RT-qPCR

Genes	Forward	Reverse
18S	AACCCGTTGAACCCCATT	CCATCCAATCGGTAGTAGCG
HDAC1	ACCGGGCAACGTTACGAAT	CTATCAAAGGACACGCCAAGTG
HDAC2	TCATTGGAAAATTGACAGCATAGT	CATGGTGATGGTGTTGAAGAAG
HDAC3	TTGAGTTCTGCTCGCGTTACA	CCCAGTTAATGGCAATATCACAGAT
HDAC5	TTGGAGACGTGGAGTACCTTACAG	GACTAGGACCACATCAGGTGAGAAC
HDAC6	TGGCTATTGCATGTTCAACCA	GTCGAAGGTGAACTGTGTTCCT
HDAC7	CTGCATTGGAGGAATGAAGCT	CTGGCACAGCGGATGTTTG
HDAC8	TCCCGAGTATGTCAGTATATATGA	GCTTCAATCAAAGAATGCACCAT
RPS6KB1	CACATAACCTGTGGTCTGTTGCTG	AGATGCAAAGCGAACTTGGGATA
RPS6KB2	CTTCCAGACTGGTGGCAAACTCTA	CAGCGTGATCTCAGCCAGGTA
EIF4EBP1	CCCGCTTATCTTCTGGGCTA	CTATGACCGGAAATTCCTGATGG
CD44	AGACAACCACAAGGATGACTGATG	TCCAGTTTCCTTCATAAGCAGTGG
GAPDH	ACAGTCAGCCGCATCTTCTT	GACAAGCTTCCCGTTCTCAG
ESR1	GGAGACATGAGAGCTGCCAAC	CCAGCAGCATGTCGAAGATC