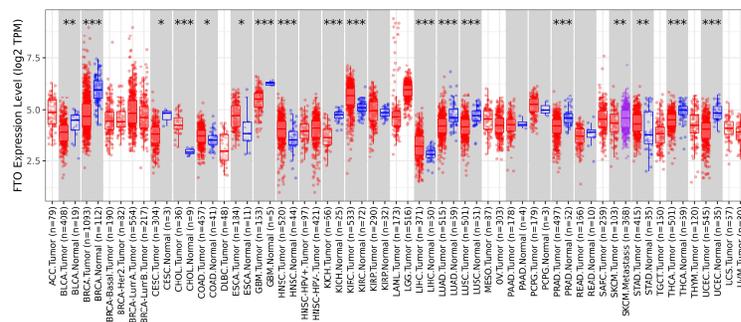


Supplementary Figure 1

A TCGA Pan-cancer-RNA-seq



B

The etiology of the patients

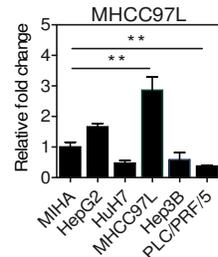
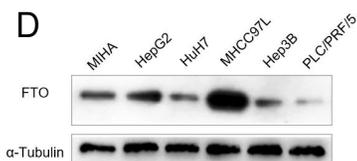
Number of patients	Hepatitis B Virus (HBV) Positive	Hepatitis B Virus (HBV) Negative	Not available
41	41	0	0
95	85	6	4

C

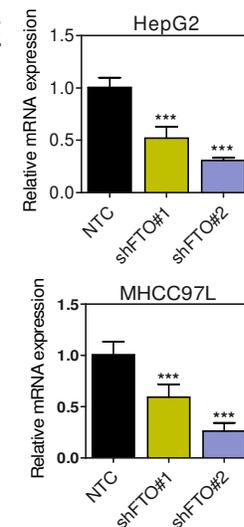
DNA Marker	MHCC97L ⁴	MHCC97L (L-171218744P)
AMEL	X, Y	X, Y
CSF1PO	11, 13	11, 13
D13S317	8	8
D16S539	12	12
D5S818	12,13	12,13
D7S820	10	10
TH01	9	9
TPOX	8	8
vWA	14	14
D18S51	--	13, 22
D21S11	--	31, 2
D3S1358	--	15, 16
D8S1179	--	12, 13
FGA	--	21, 24
Penta D	--	8, 9
Penta E	--	11, 17
Number of shared alleles		
		12
Total number of alleles in the reference profile		
		12
Percent match		
		100%

The tested cell line has 100% match with MHCC97L. Therefore, they are considered to be related from a common ancestry.

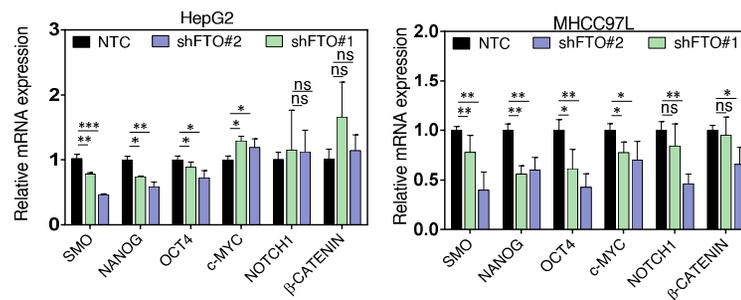
D



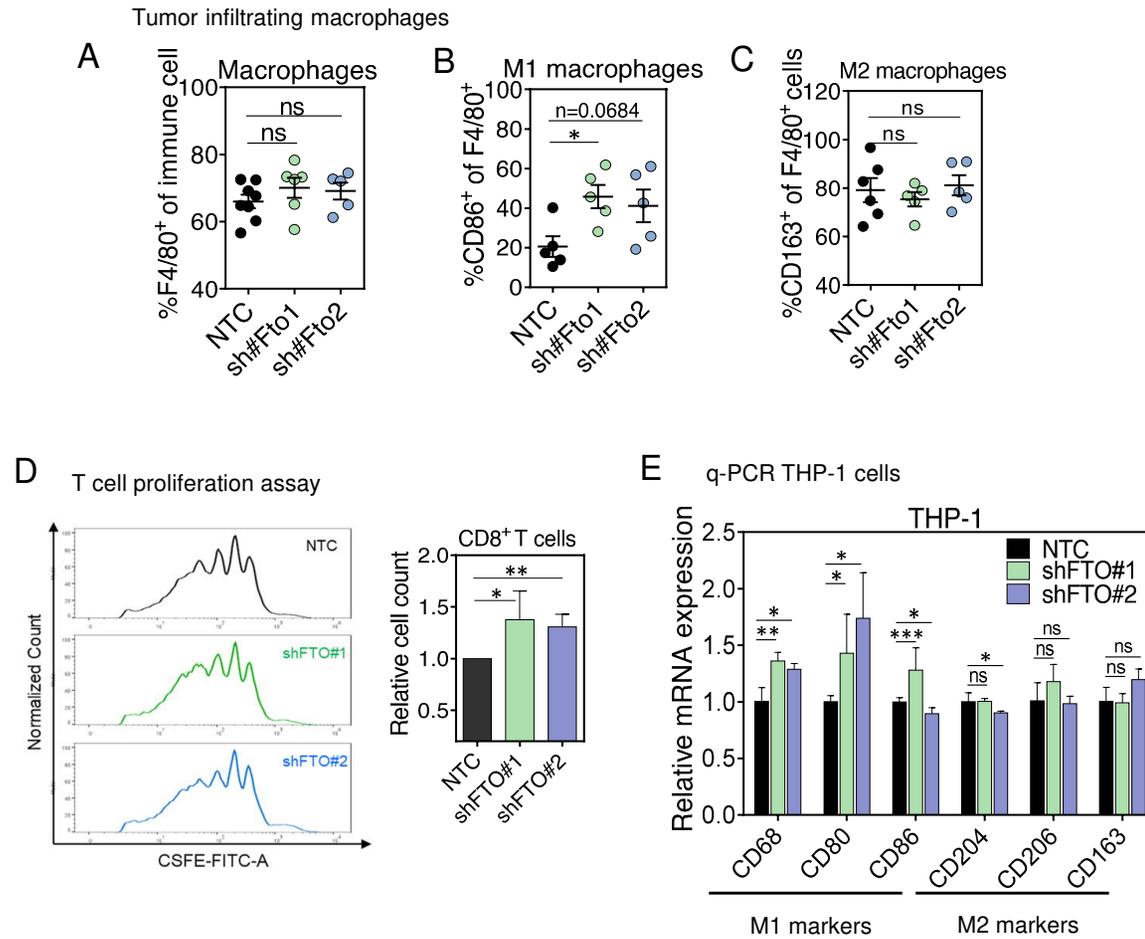
E



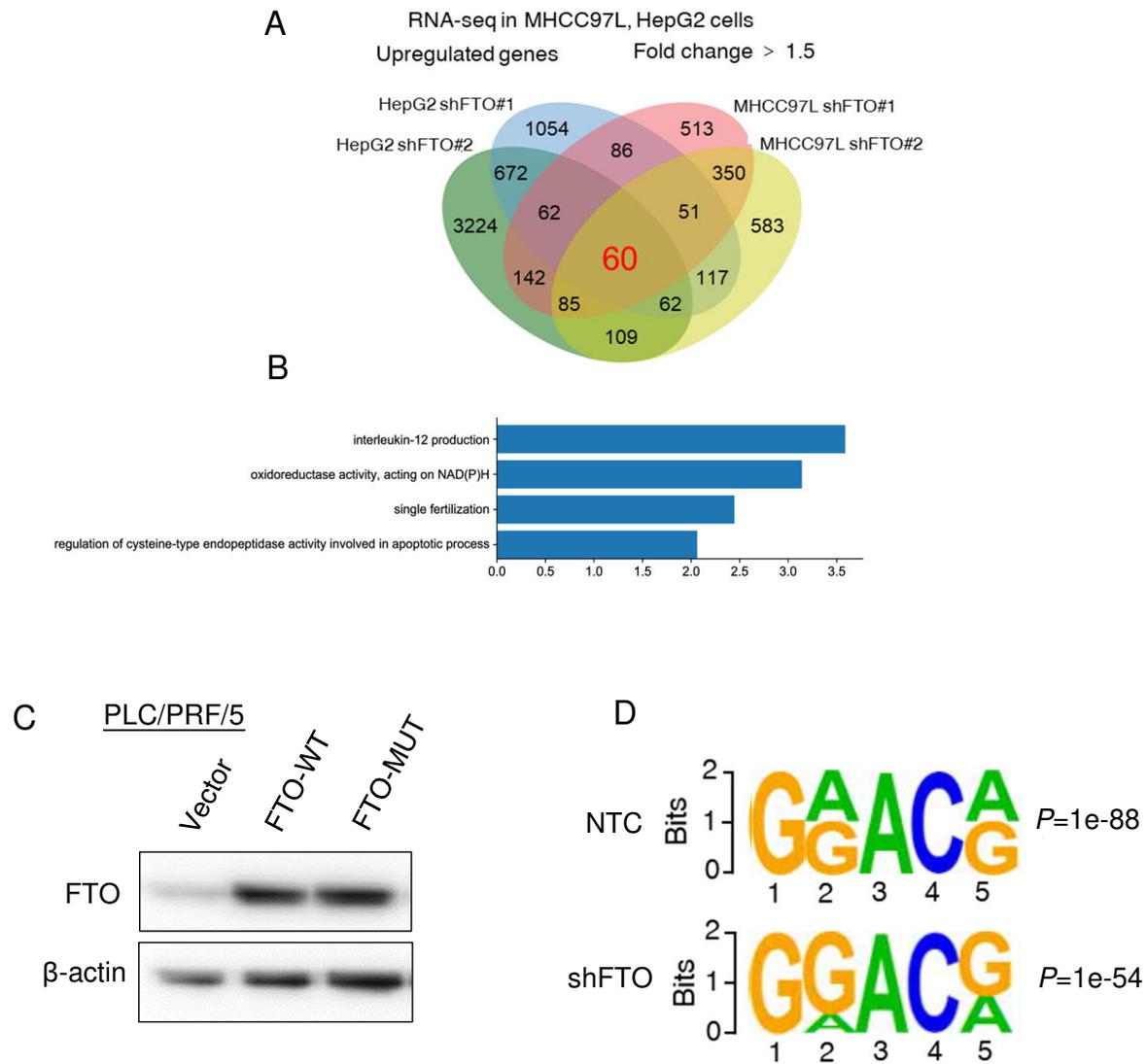
F



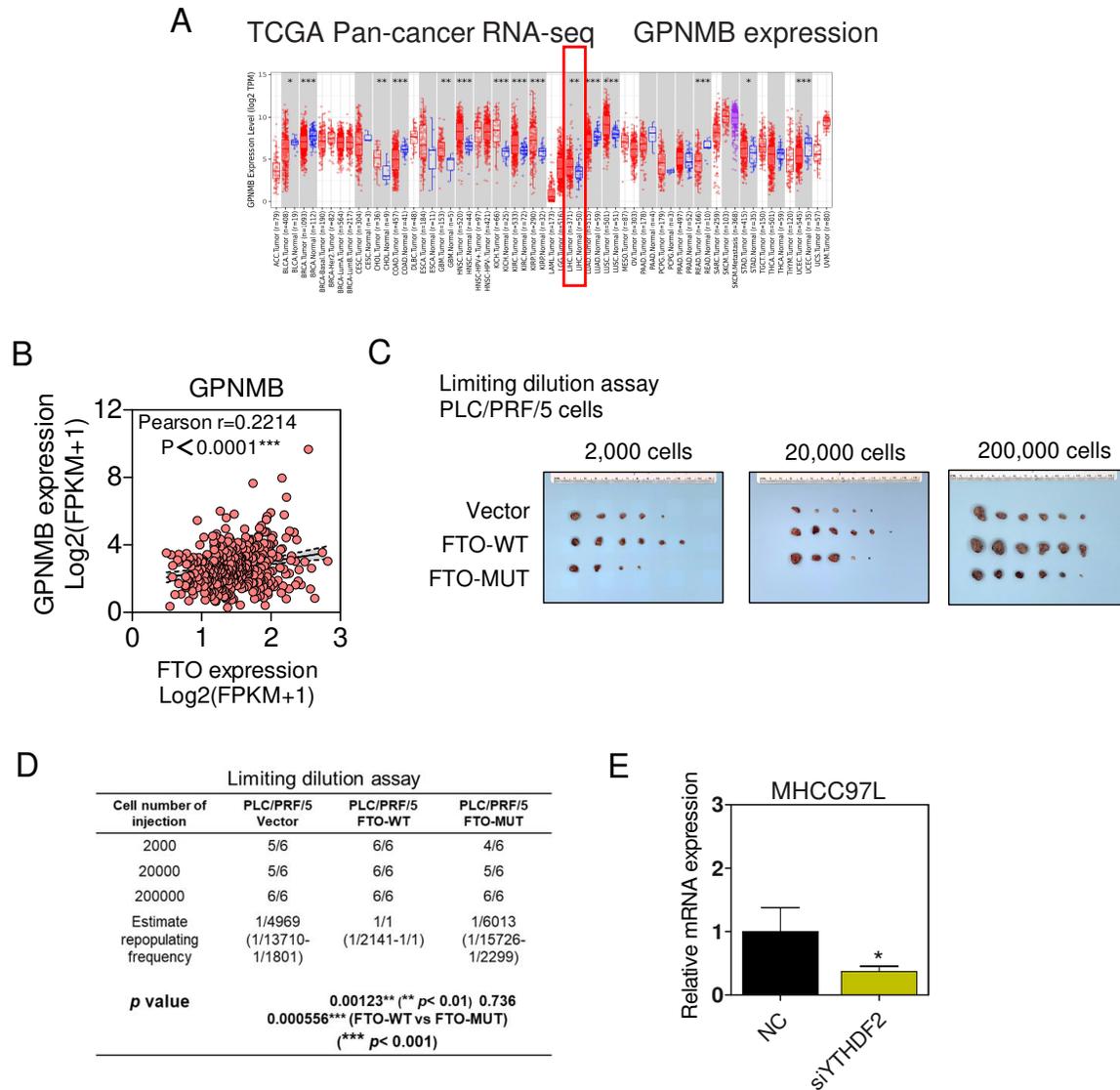
Supplementary Figure 2



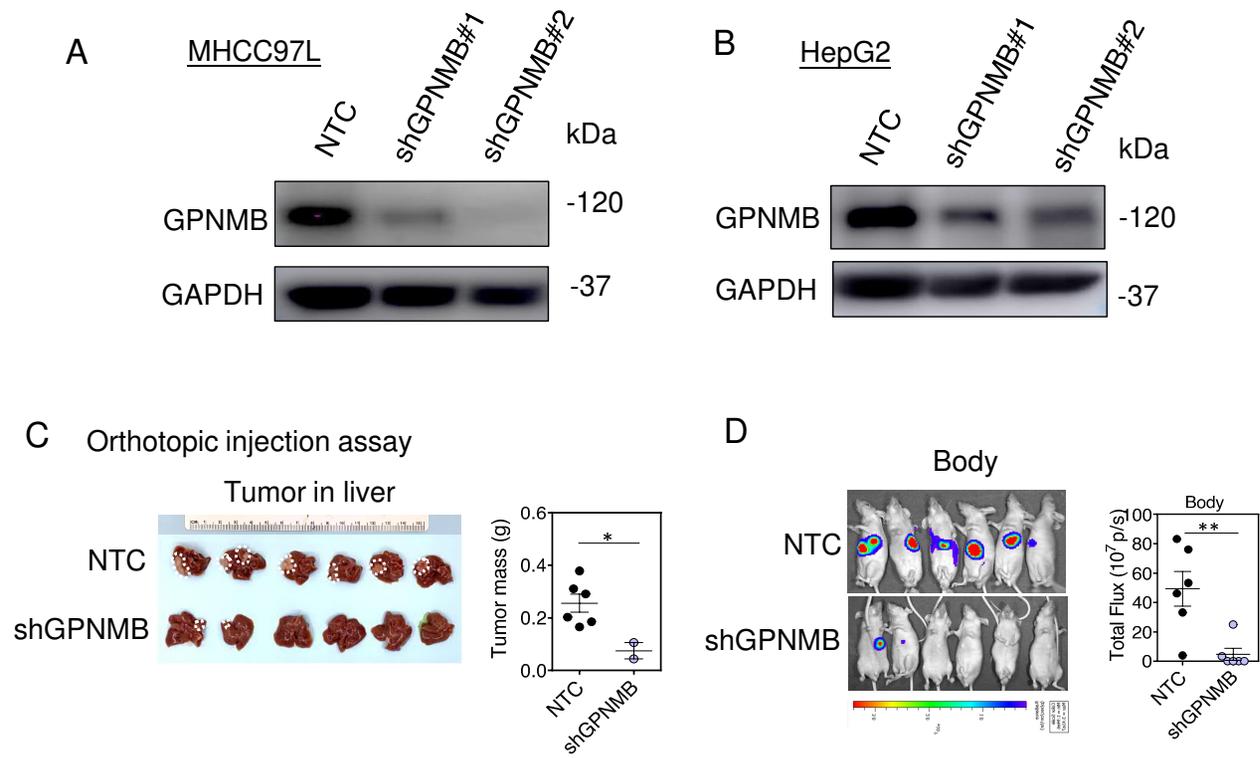
Supplementary Figure 3



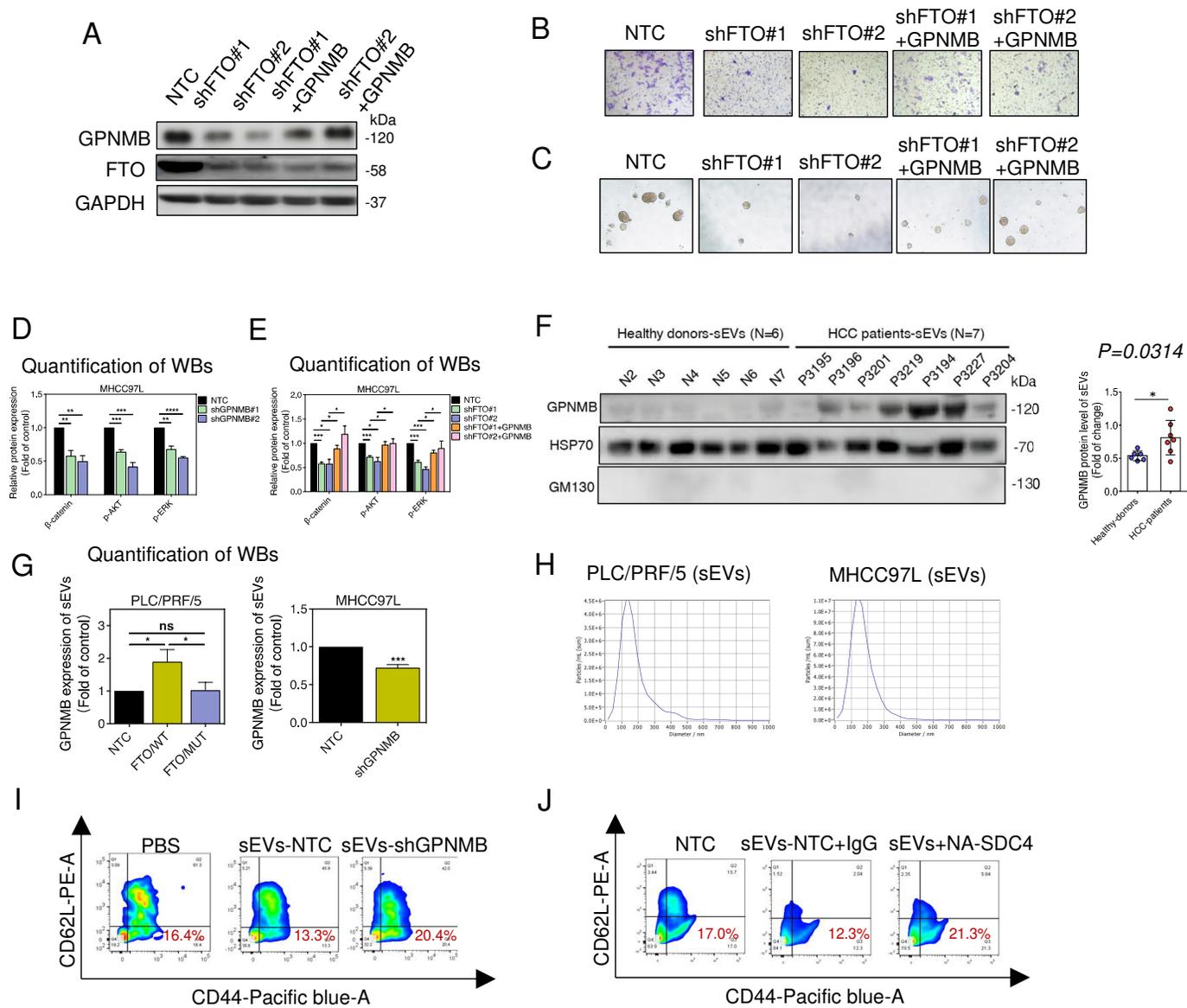
Supplementary Figure 4



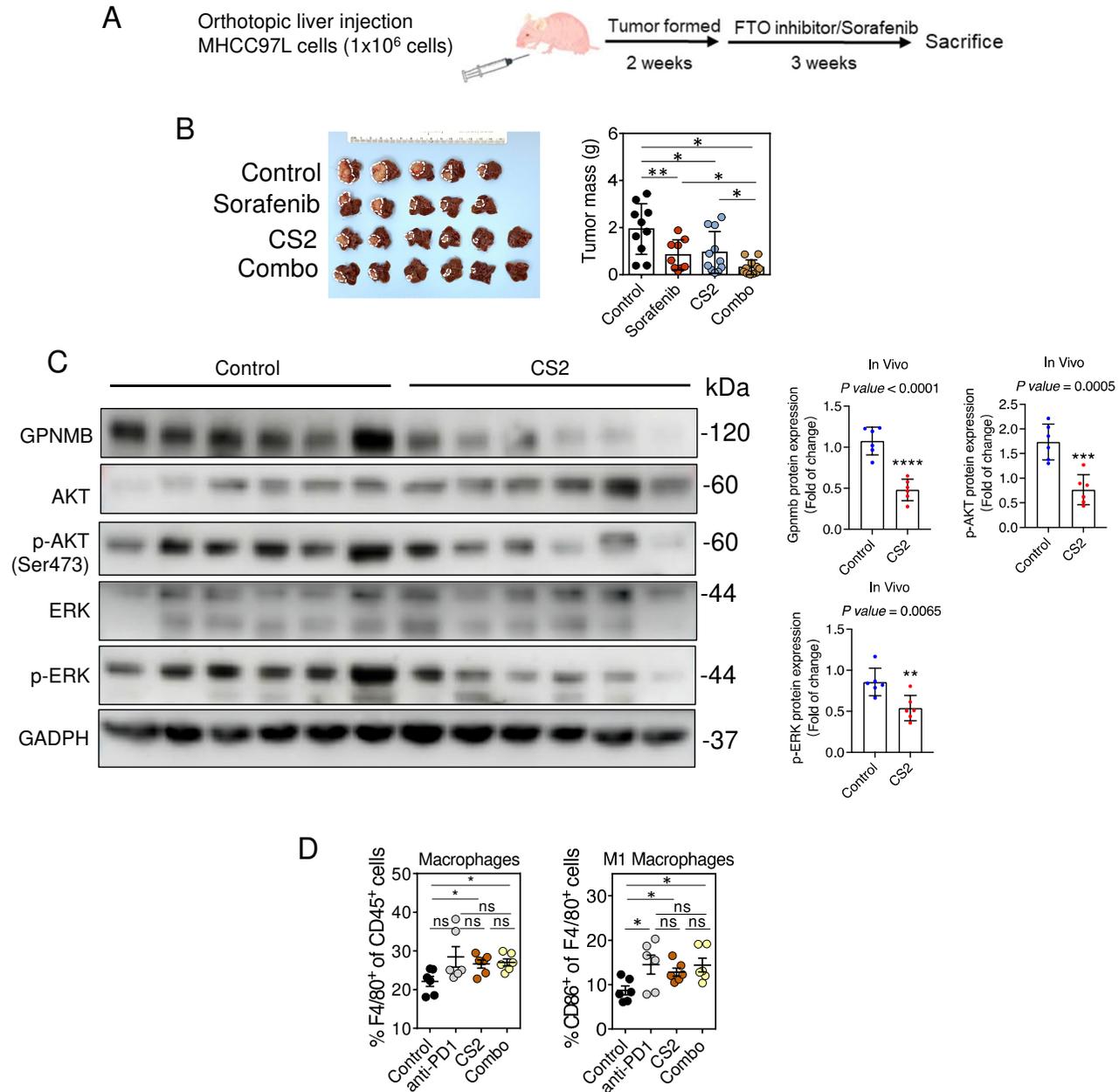
Supplementary Figure 5



Supplementary Figure 6



Supplementary Figure 7



Supplementary Figure 8

