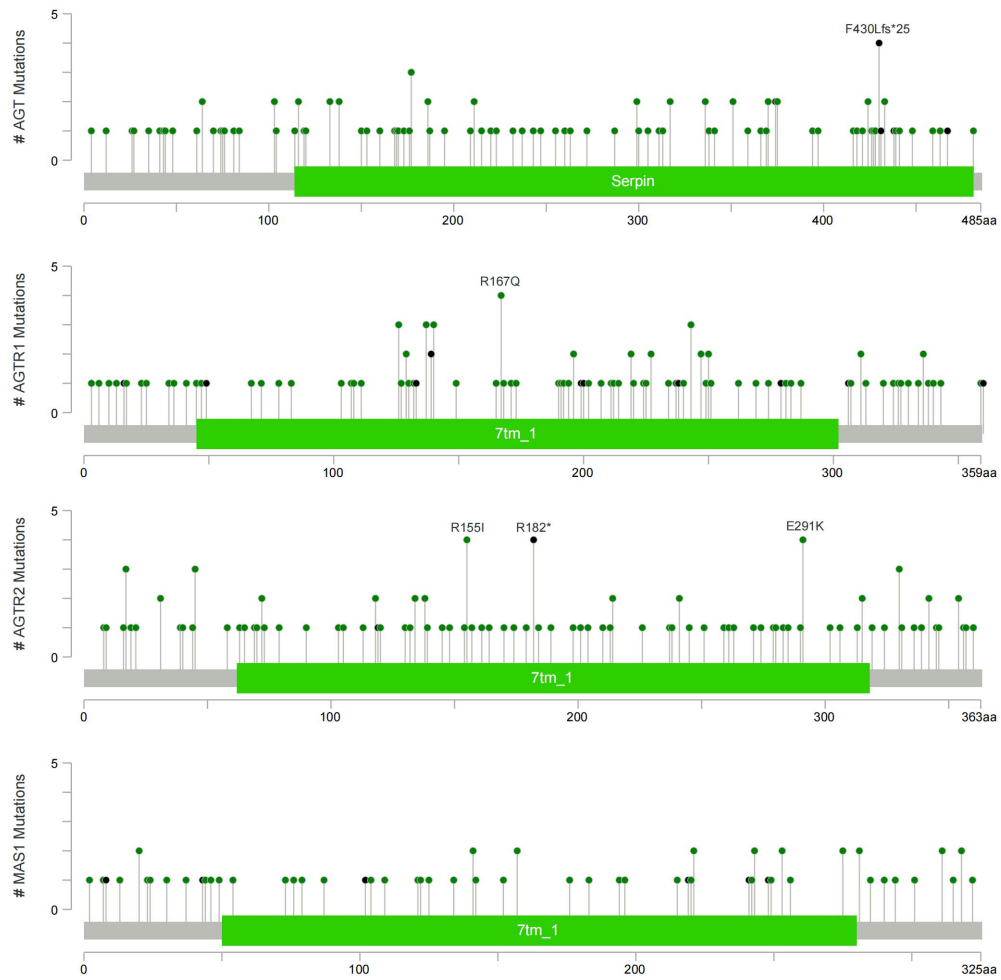


Supplementary Figure 1. Relative protein expression of (A) ACE, (B) ACE2 and (C) AGT in variant types of tumor from Dapmap proteomics data.

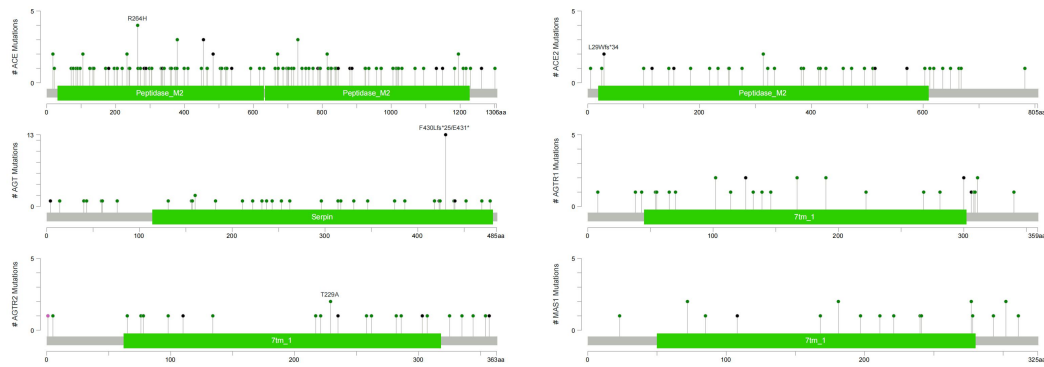


Supplementary Figure 3. Oncoprint for genetic alterations of AGT, AGTR1, AGTR2, MAS1 in TCGA from cbiportal.

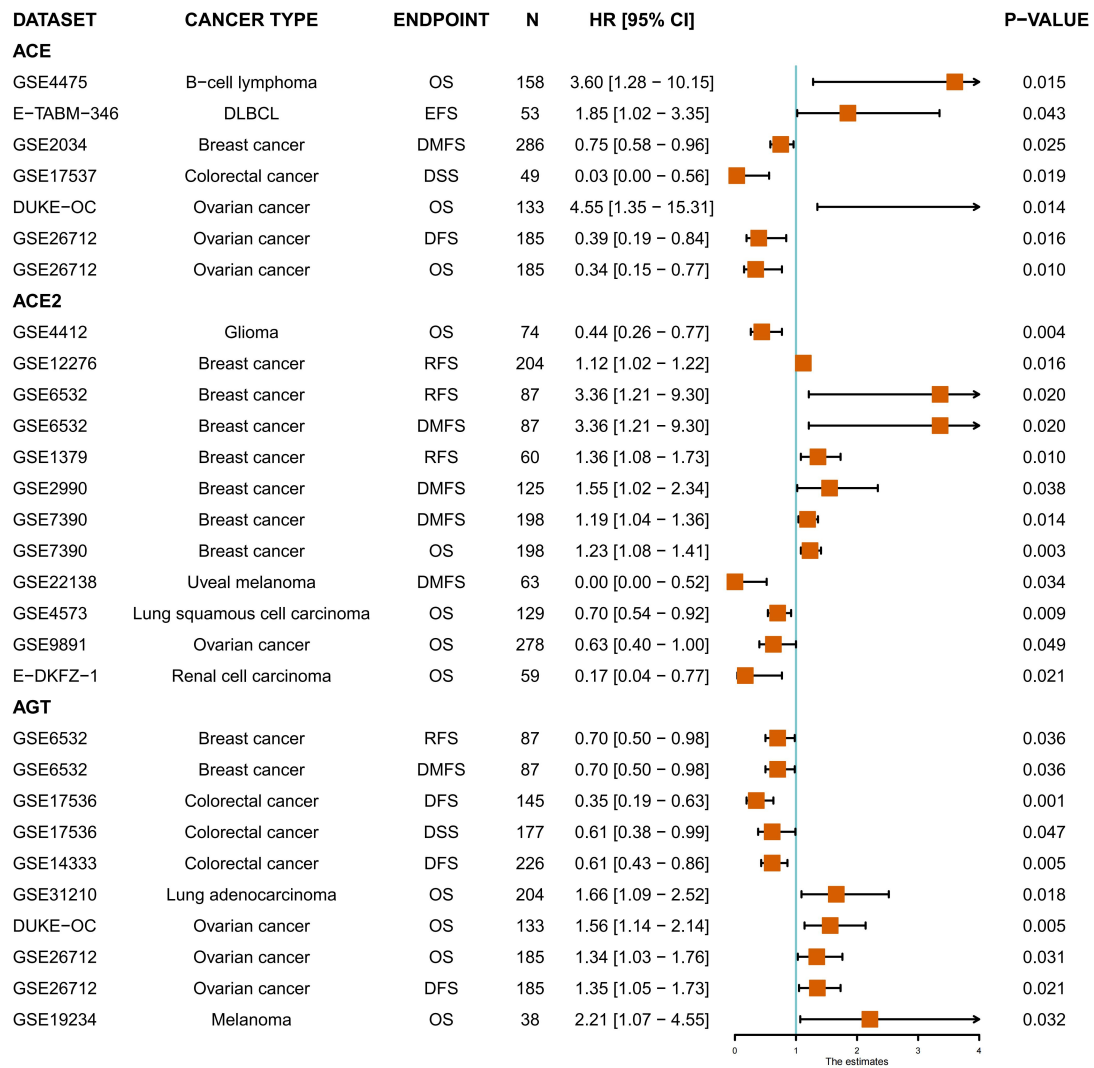
A



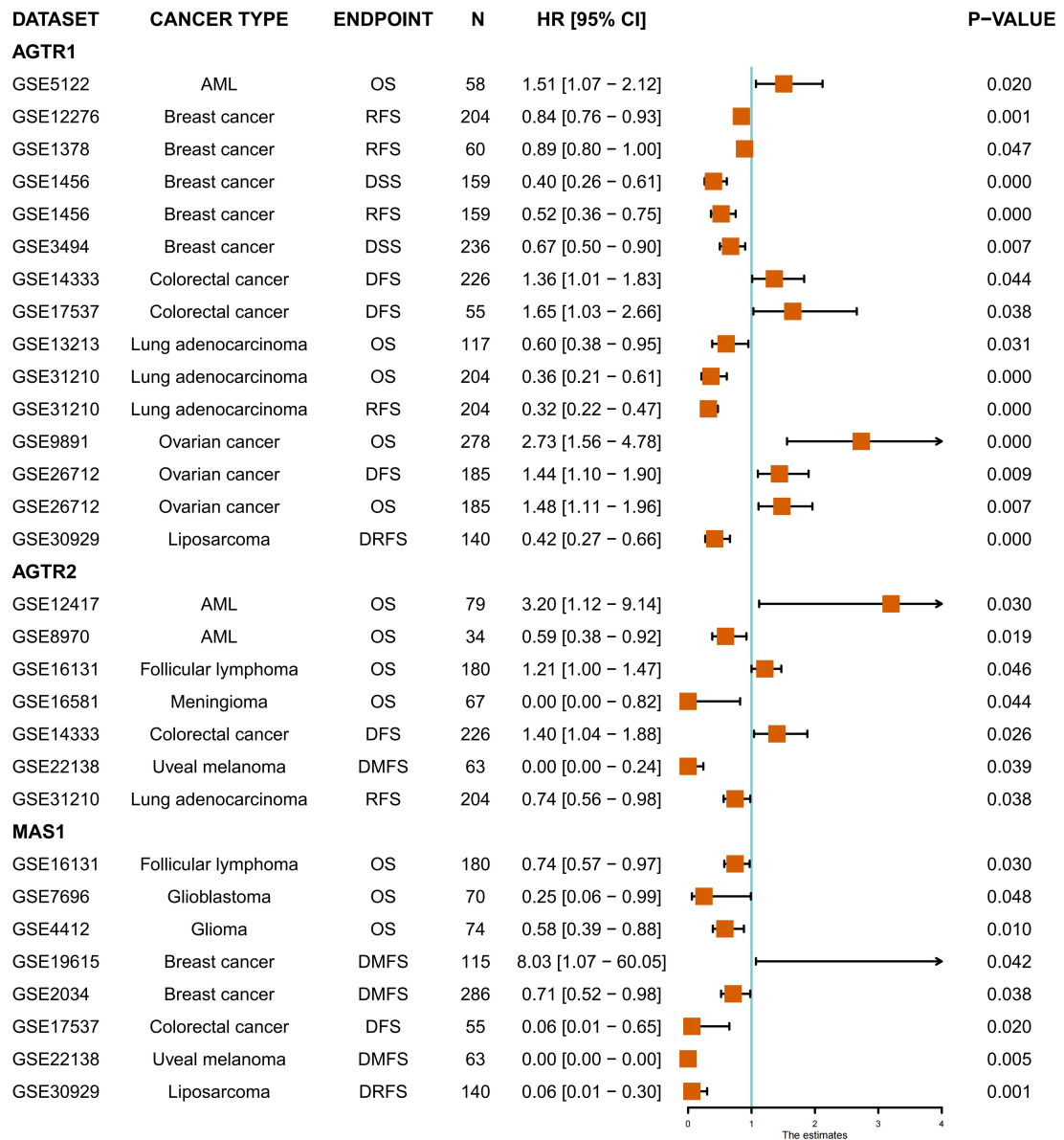
B



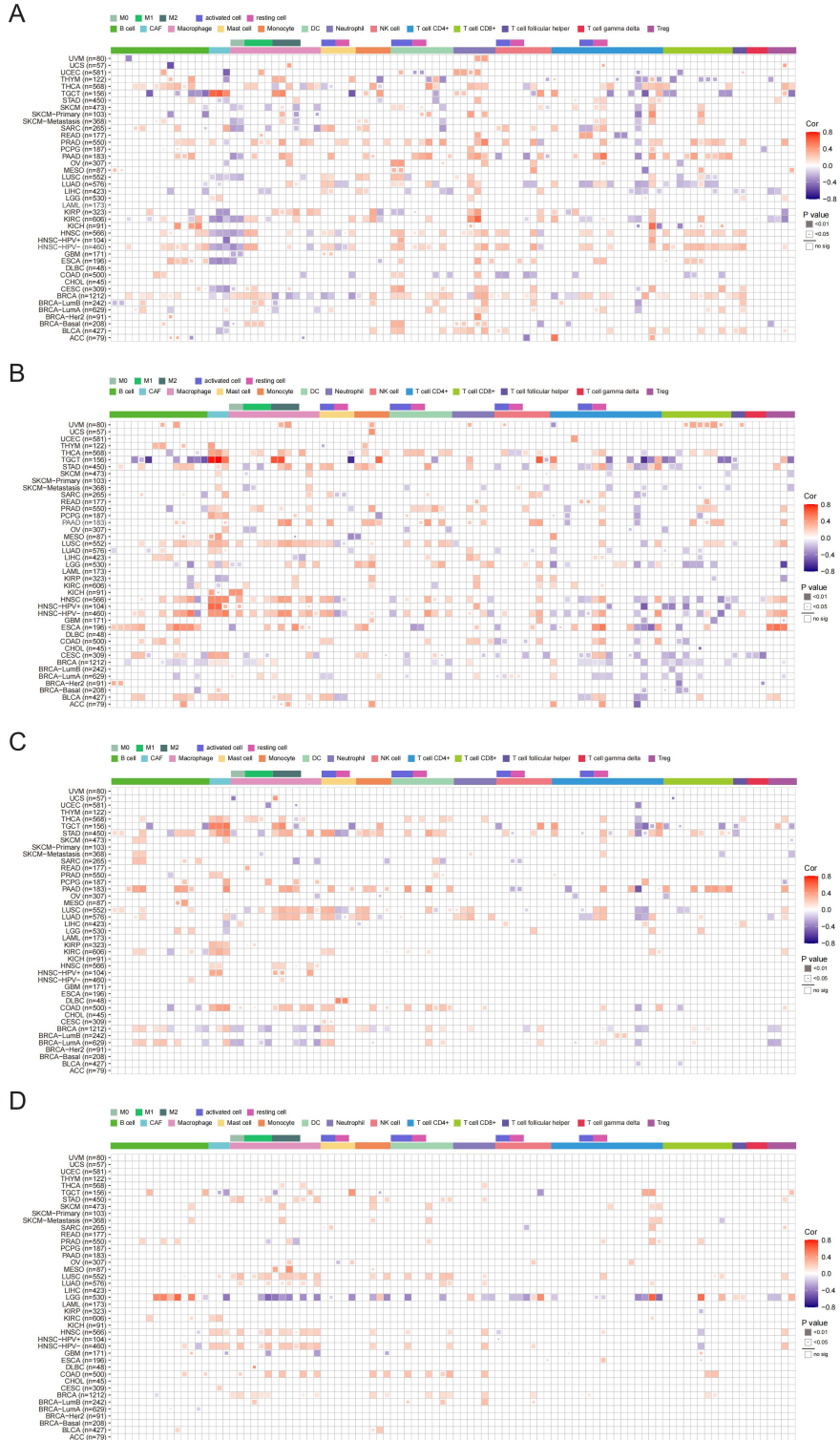
Supplementary Figure 4. Genomic alteration of RAS in CCLE database. (A) Oncoprint for genetic alterations of RAS in CCLE from cbiportal. Each vertical bar points to each sample. (B) Hotspot for amino acid mutation of members of RAS in CCLE.



Supplementary Figure 5. Forest-plot for meta survival analysis of ACE, ACE2, and AGT from PrognScan.



Supplementary Figure 6. Forest-plot for meta survival analysis of AGTR1, AGTR2, and MAS1 from PrognoScan.



Supplementary Figure 7. Heatmap for correlation between immune cell infiltration and mRNA expression of (A) ACE2, (B) AGT, (C) AGTR2 and (D) MAS1 integrated with multiple databases including CIBERSORT, TIMER, XCELL, EPIC, MCQUANTER, QUANTISIQ. All results were adjusted by tumor purity.

Supplementary table 1

Resources	Url	PMID
UCSC Xena	https://xena.ucsc.edu/	32444850
CPTAC	https://cptac-data-portal.georgetown.edu/	24972168
PrognoScan	http://dna00.bio.kyutech.ac.jp/PrognoScan/index.html	19393097
UbiBrowser	http://ubibrowser.ncpsb.org/2746	28839186
RegNetwork	http://www.regnetworkweb.org/	26424082
LncRNA2Target2.0	http://123.59.132.21/lncrna2target/	30380072
cBioportal	http://www.cbioportal.org/	22588877
TCGA Fusion Gene Database	https://www.tumorfusions.org/	29099951
GSCALite	http://bioinfo.life.hust.edu.cn/web/GSCALite/	29790900
m6A2Target	http://m6a2target.canceromics.org	32392583
TIMER2.0	http://timer.cistrome.org/	32442275
GeneMANIA	http://genemania.org	20576703