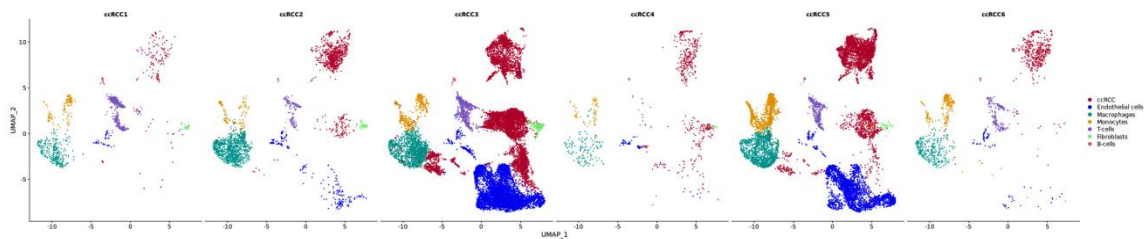


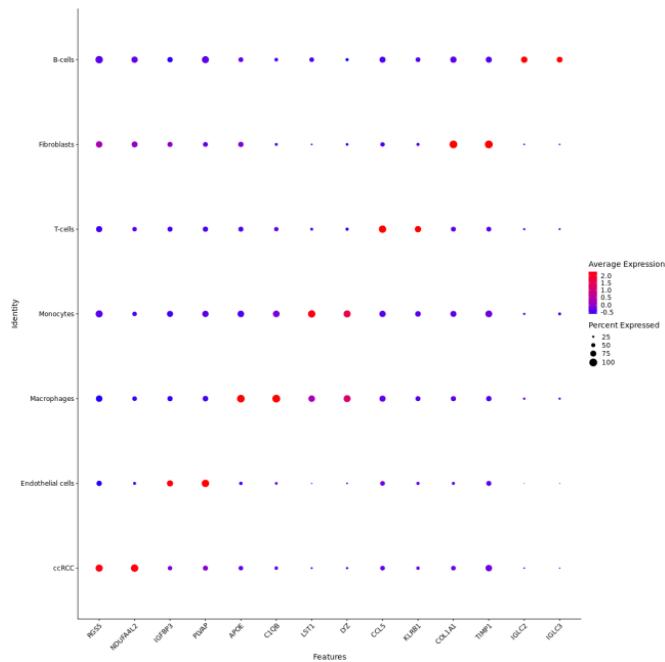
**Table S1.** The parallel table of T cell clustering in UMAP and cell types identified by marker genes.

Cell Types Clustered in UMAP	Cell Types Annotated	Marker Genes
cc-CD8+ T1	Unknown	None
cc-CD8+ T2	CD8 Trm	GZMA,GZMB,GZMK,HLA-C,IFNGAMMA,PRF1
cc-CD8+ T3	Tnaive	CXCL13
cc-CD4+ T4	Tregs	FOXP3,IL2RA,TIGIT,TNFRSF18,TNFRSF4

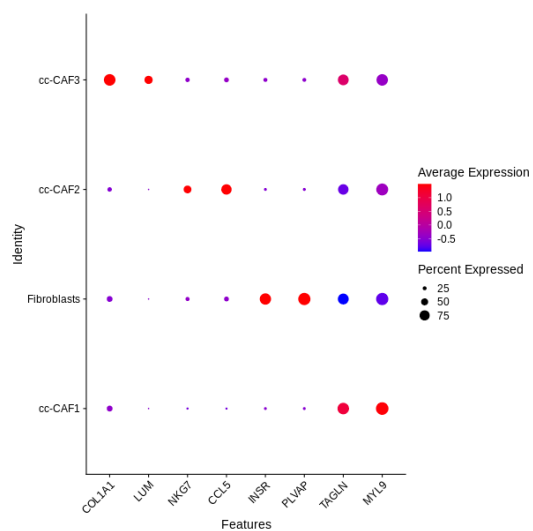
Supplementary Figures:



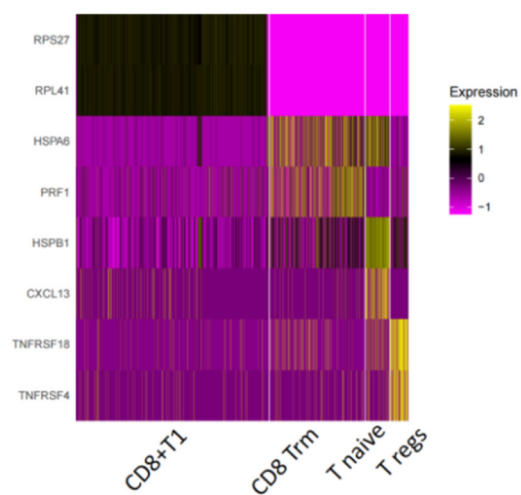
**Figure S1.** The distribution of different types of cells in six tumor samples.



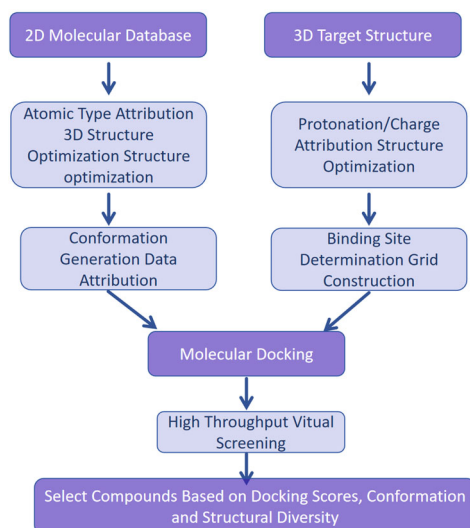
**Figure S2.** The expression levels of marker genes in different cell types.



**Figure S3.** Differently expressed genes in different subtypes of CAF cells.



**Figure S4.** Gene expression characteristics of four types of T cells.



**Figure S5.** Workflow of the candidate drugs targeting EPAS1, selected via virtual screening.