

Figure S1 The promoter methylation levels of GABRP in PAAD. The promoter methylation levels of GABRP in PAAD based on (A) grade, (B) stage, (C) nodal metastasis status and (D) TP53 mutant status. *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.001$; ****, $P < 0.0001$.

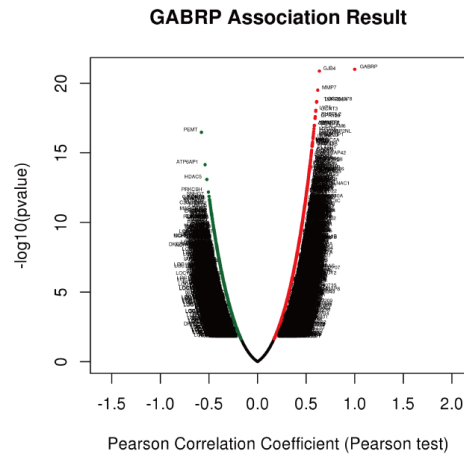
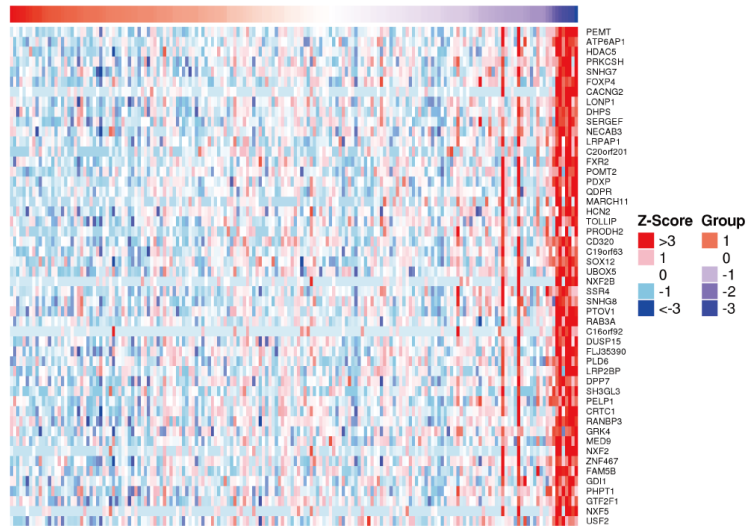
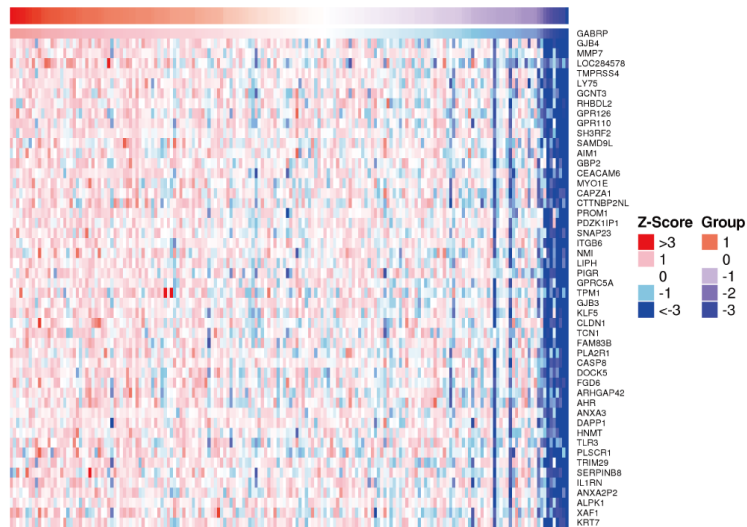
A**B****C**

Figure S2 Co-expressed genes of GABRP in PAAD. (A) Significantly co-expressed genes of GABRP in PAAD; (B) the heatmap of TOP 50 genes positively correlated with GABRP in PAAD; (C) the heatmap of TOP 50 genes negatively correlated with GABRP in PAAD.

Table S1 The expression status of GABRP in pancreatitis vs. normal tissues

Dataset	Gene	Design	logFC	P value	adj.P.Val	Expression status
GSE109227	<i>GABRP</i>	Normal vs. pancreatitis	0.045112	0.535	0.63	No change
GSE65146	<i>GABRP</i>	Normal vs. pancreatitis	0.038486	0.257713	0.5091	No change
GSE41418	<i>GABRP</i>	Normal vs. pancreatitis	-0.00411	3.68E-01	0.55502	No change

Table S2 Common miRNA containing GABRP-binding sequences predicted by miRDB, TargetScan and MirWalk databases and corresponding expression level (P value) in TCGA pancreatic cancer and normal tissues

Predicted targeted miRNA	Normal vs. tumor (P value)
hsa-miR-4773	0.9488
hsa-miR-4429	N/A
hsa-miR-320c	0.5620
hsa-miR-320b	0.5729
hsa-miR-3655	0.006662
hsa-miR-3660	N/A
hsa-miR-4430	N/A
hsa-miR-3652	N/A
hsa-miR-4252	N/A
hsa-miR-4448	N/A
hsa-miR-4447	N/A
hsa-miR-3163	N/A
hsa-miR-5682	N/A
hsa-miR-8087	N/A