

Figure S1. Associations between target gene expression and overall survival of all patients with CRC. (A) Gene expression levels were divided by the cutoff calculated using the Receiver operator curve analysis. (B) Kaplan-Meier survival curves were plotted for patients divided into groups by the cutoff/Blue line represents the group with lower expression and green line the group with higher expression level than the cutoff. PRC1, protein regulating cytokinesis 1; KIF14, kinesin family member 14; CIT, citron Rho-interacting serine/threonine kinase; CRC, colorectal cancer; AUC, area under curve; FPR, false positive rate; TPR, true positive rate.

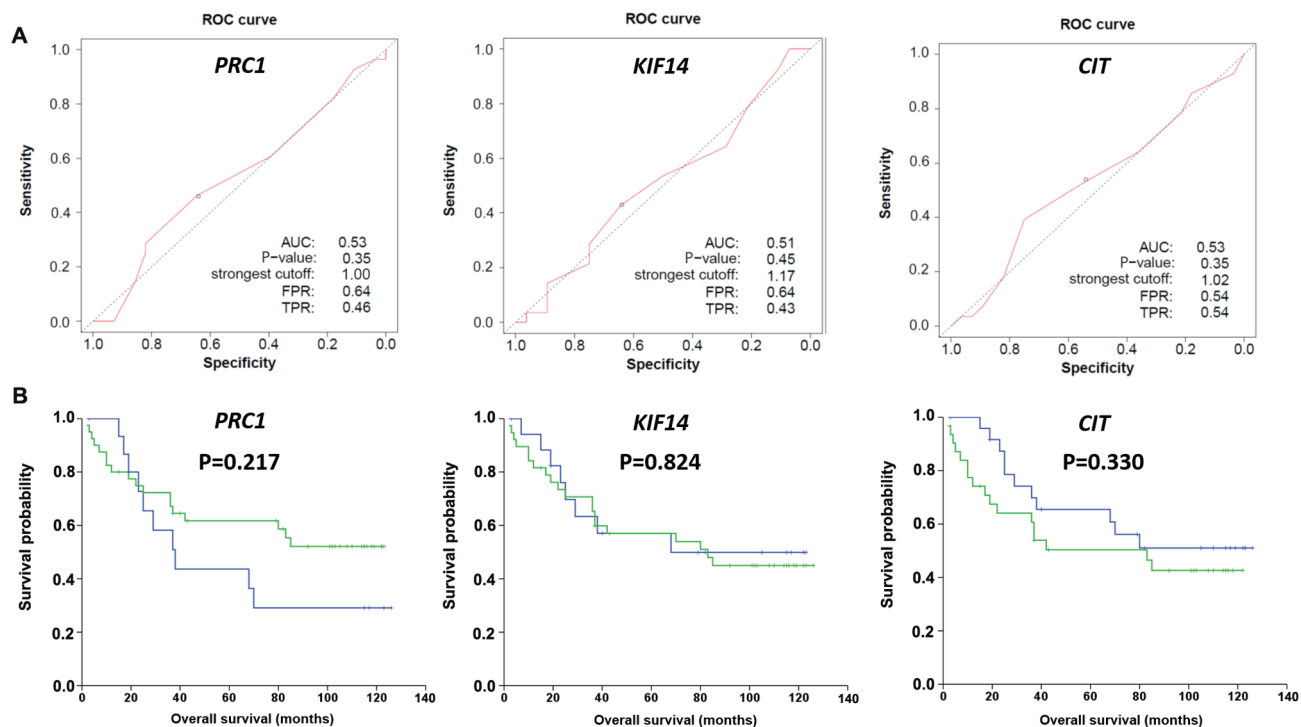


Figure S2. Associations between target gene expression and overall survival of patients with PDAC. Kaplan-Meier survival curves were plotted for patients divided into groups above and below median expression of target genes. Blue line represents the group with lower expression and green line the group with higher expression levels than median. (A) All patients and (B) patients treated with chemotherapy were presented. PRC1, protein regulating cytokinesis 1; KIF14, kinesin family member 14; CIT, citron Rho-interacting serine/threonine kinase; PDAC, pancreatic adenocarcinoma.

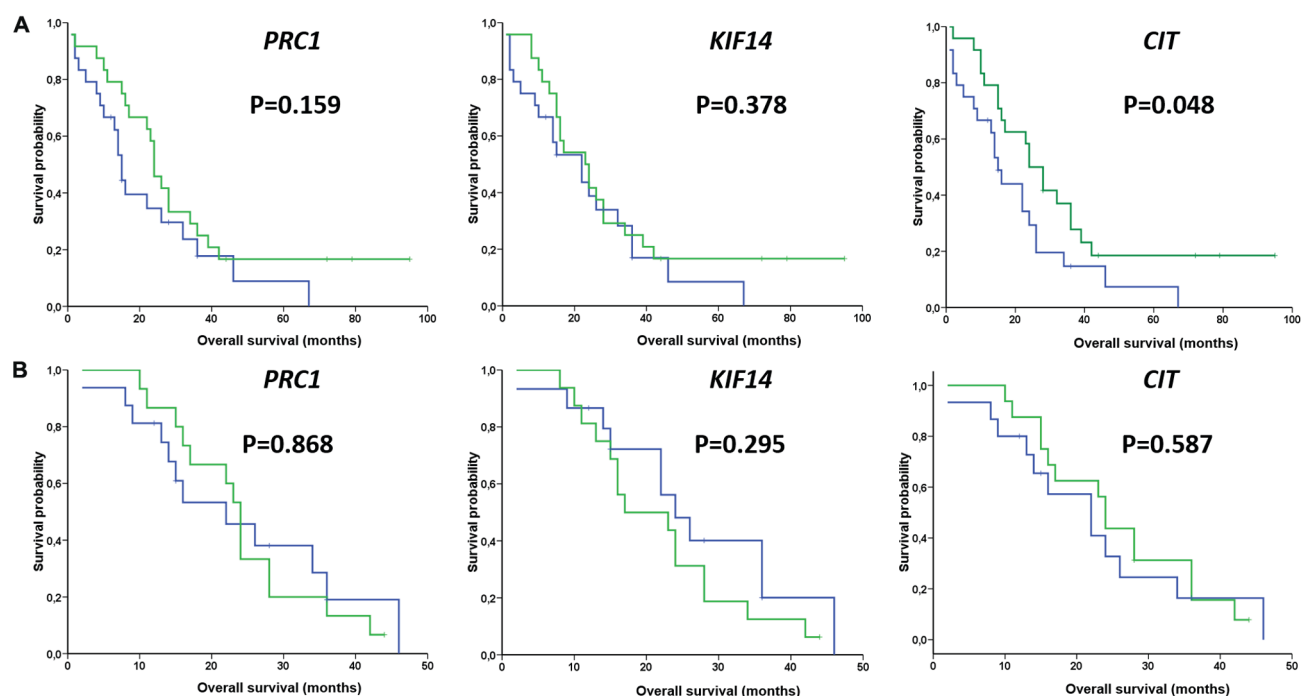


Figure S3. Associations between target gene expression and overall survival of all patients with PDAC. (A) Gene expression levels were divided by the cutoff calculated using the Receiver operator curve analysis. (B) Kaplan-Meier survival curves were plotted for patients divided into groups by the cutoff. Blue line represents the group with lower and green line the group with higher expression levels than the cutoff. PRC1, protein regulating cytokinesis 1; KIF14, kinesin family member 14; CIT, citron Rho-interacting serine/threonine kinase; PDAC, pancreatic adenocarcinoma; AUC, area under curve; FPR, false positive rate; TPR, true positive rate.

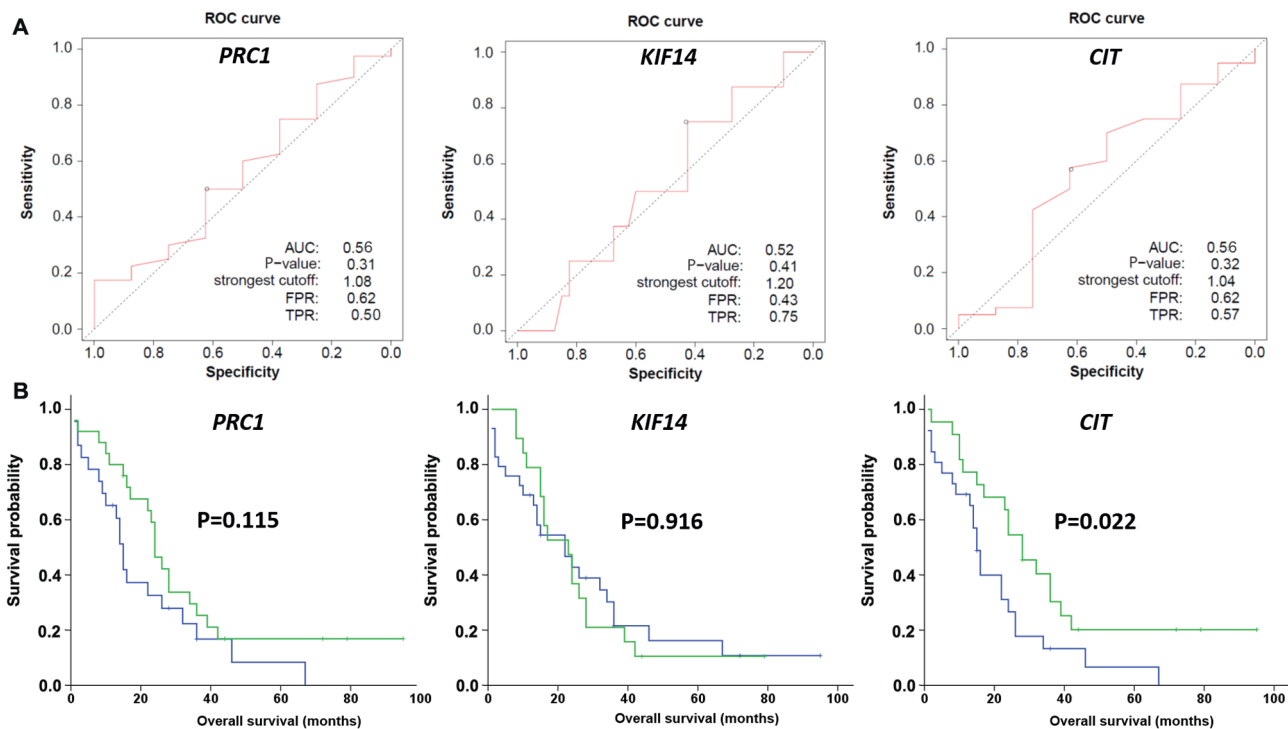


Table SI. Gene expression assays used in the study.

Type of genes	Gene symbol	Assay ID	NCBI gene ID	Gene name	Amplicon length (bp)
Reference genes-CRC	MRPL19	Hs00608519_m1	9801	Mitochondrial ribosomal protein L19	72
	POLR2A	Hs00172187_m1	5430	Polymerase II, RNA, subunit A	61
	PSMC4	Hs00197826_m1	5704	Proteasome 26S subunit, ATPase 4	83
Reference gene-PDAC	EIF2B1	Hs00426752_m1	1967	Eukaryotic translation initiation factor 2B	75
	ELF1	Hs00152844_m1	10209	Eukaryotic translation initiation factor 1	76
	MRPL19	Hs00608519_m1	9801	Mitochondrial ribosomal protein L19	72
	POP4	Hs00198357_m1	10775	POP4 homolog, ribonuclease P/MRP subunit	68
Target genes	KIF14	Hs00978216_m1	9928	Kinesin family member 14	119
	CIT	Hs00392339_m1	11113	Citron (rho-interacting, serin/threonine kinase 21)	68
	PRC1	Hs00187740_m1	9055	Protein regulator of cytokinesis 1	66

CRC, colorectal cancer; PDAC, pancreatic adenocarcinoma.

Table SII. Protein expression data from The Human Protein Atlas.

Protein	Name	Protein expression in normal tissue	Cellular localization	Protein expression in colorectal carcinoma	Protein expression in pancreatic adenocarcinoma
PRC1	Protein regulator of cytokinesis 1	Colon-medium Rectum-medium Pancreas-medium	Plasma membrane and nucleoplasm	High to medium in majority of samples (n=10)	High to medium in all studied samples (n=11)
KIF14	Kinesin family Cytosol and member 14	Colon-NA High to medium in Rectum-NA Pancreas-NA	High to medium in midbody ring	majority of samples (n=11)	majority of samples (n=9)
CIT	Citron rho-interacting serine/threonine kinase	Colon-medium Rectum-medium Pancreas-ND	Cytosol	ND in most samples (n=10)	Medium to low in majority of samples (n=10)

NA, not available; ND, not detected.