

Table S1 List of abbreviations

Cohort	Cancer
TCGA-ACC	Adrenocortical carcinoma
TCGA-BLCA	Bladder urothelial carcinoma
TCGA-BRCA	Breast invasive carcinoma
TCGA-CESC	Cervical squamous cell carcinoma and endocervical adenocarcinoma
TCGA-CHOL	Cholangiocarcinoma
TCGA-COAD	Colon adenocarcinoma
TCGA-COADREAD	Colon adenocarcinoma/rectum adenocarcinoma esophageal carcinoma
TCGA-DLBC	Lymphoid neoplasm diffuse large b-cell lymphoma
TCGA-ESCA	Esophageal carcinoma
TCGA-FPPP	FFPE pilot phase II
TCGA-GBM	Glioblastoma multiforme
TCGA-GBMLGG	Glioma
TCGA-HNSC	Head and neck squamous cell carcinoma
TCGA-KICH	Kidney chromophobe
TCGA-KIPAN	Pankidney cohort (KICH + KIRC + KIRP)
TCGA-KIRC	Kidney renal clear cell carcinoma
TCGA-KIRP	Kidney renal papillary cell carcinoma
TCGA-LAML	Acute myeloid leukemia
TCGA-LGG	Brain lower-grade glioma
TCGA-LIHC	Liver hepatocellular carcinoma
TCGA-LUAD	Lung adenocarcinoma
TCGA-LUSC	Lung squamous cell carcinoma
TCGA-MESO	Mesothelioma
TCGA-OV	Ovarian serous cystadenocarcinoma
TCGA-PAAD	Pancreatic adenocarcinoma
TCGA-PCPG	Pheochromocytoma and paraganglioma
TCGA-PRAD	Prostate adenocarcinoma
TCGA-READ	Rectum adenocarcinoma
TCGA-SARC	Sarcoma
TCGA-STAD	Stomach adenocarcinoma
TCGA-SKCM	Skin cutaneous melanoma
TCGA-STES	Stomach and esophageal carcinoma
TCGA-TGCT	Testicular germ cell tumors
TCGA-THCA	Thyroid carcinoma
TCGA-THYM	Thymoma
TCGA-UCEC	Uterine corpus endometrial carcinoma
TCGA-UCS	Uterine carcinosarcoma
TCGA-UVM	Uveal melanoma
TARGET-OS	Osteosarcoma
TARGET-ALL	Acute lymphoblastic leukemia
TARGET-NB	Neuroblastoma
TARGET-WT	High-risk Wilms tumor