

Table S15. Associations of individual lincRNAs of human chromosome 18 with pathways in cancers (predicted via pathway terms enrichment analysis of highly co-expressed genes)

Pathways / Genes	AJ	AMPK	ErbB	FA	FoxO	MAPK	mTOR	Hippo	p53	PI3K-Akt
<i>LINC00470</i>	CHOL KIRC	CHOL KIRC	CHOL KIRC	CHOL KIRC	CHOL KIRC	CHOL KIRC	CHOL KIRC	KIRC	CHOL KIRC	KIRC
<i>LINC00526</i>	CHOL THYM UVM	CHOL KICH PAAD TGCT THYM UVM	CHOL PAAD TGCT THYM UVM	CHOL PAAD THYM UVM	CHOL KICH PAAD PCPG TGCT THYM UVM	CHOL PAAD TGCT THYM UVM	CHOL KICH PAAD PCPG TGCT THYM UVM	CHOL TGCT THYM UVM	THYM UVM	
<i>LINC00667</i>	KIRC LGG TGCT	CHOL KIRC LGG TGCT UVM	KIRC LGG TGCT	KIRC LGG TGCT	CHOL KIRC LGG TGCT	CHOL KIRC LGG TGCT	CHOL KIRC LGG TGCT	KIRC LGG TGCT	KIRC KIRP LGG TGCT	KIRP TGCT
<i>LINC00668</i>	THCA	THCA			THCA	THCA	THCA	CHOL		
<i>LINC00907</i>	UVM	UVM	UVM	UVM	UVM	UVM	UVM	UVM	UVM	UVM
<i>LINC01254</i>	GBM KIRP	KIRP	KIRP	GBM STAD	GBM KIRP	KIRP	KIRP	KIRP	KIRP	
<i>LINC01378</i>							KIRC	KIRC		
<i>LINC01415</i>	UVM	LUAD UVM	UVM	LUAD UVM	UVM	UVM	UVM	UVM		
<i>LINC01416</i>	ESCA	ESCA	ESCA	ESCA KICH	ESCA	ESCA	ESCA	ESCA	ESCA	ESCA
<i>LINC01443</i>				LUAD						
<i>LINC01444</i>			UCEC	UCEC	UCEC	UCEC		UCEC		UCEC
<i>LINC01477</i>	MESO			ACC						
<i>LINC01478</i>	LUSC	LUSC	LUSC	LUSC	LUSC	LUSC	LUSC		LUSC	LUSC
<i>LINC01538</i>					PAAD		PAAD			
<i>LINC01539</i>	TGCT			TGCT			TGCT	TGCT		TGCT
<i>LINC01541</i>	HNSC LUAD	HNSC		HNSC LUAD						HNSC
<i>LINC01544</i>	UVM									

*co-expressed genes with Pearson correlation coefficient $r \geq 0.7$ in different cancer types were retrieved from TCGA database using web-based tool GEPIA2; functional enrichment of gene set with KEGG pathway term was performed using web-based tool NCpath (terms were selected by adj. p-value < 0.01).

KEGG pathways terms: AJ - adherent junction, AMPK - 5' AMP-activated protein kinase signaling pathway, ErbB - ErbB signaling pathway, FA - focal adhesion, FoxO - FoxO signaling pathway, MAPK - MAPK signaling pathway, mTOR - mTOR signaling pathway, Hippo - Hippo signaling pathway, p53 - p53 signaling pathway, PI3K-Akt - signaling pathway with participation of phosphoinositide 3-kinase and Akt kinase.

ACC - Adrenocortical carcinoma,

CHOL - Cholangiocarcinoma,

ESCA - Esophageal carcinoma,

HNSC - Head and neck squamous cell carcinoma,

KIRC - Kidney renal clear cell carcinoma,

KIRP - Kidney renal papillary cell carcinoma,

KICH - Kidney chromophobe,

LGG - Low-grade glioma,

LUAD - Lung adenocarcinoma,

LUSC - Lung squamous cell carcinoma,

MESO - Mesothelioma,

PAAD - Pancreatic adenocarcinoma,

TGCT - Testicular germ cell tumors,

UCEC - Uterine Corpus Endometrial Carcinoma,

UVM - Uveal Melanoma