

Table S1: **Repeated common regulatory interactions in other cancer studies.**

TF	Gene	N	TCGA Studies	
ERCC6	TBC1D5	15	BLCA,	BRCA,
			CESC,	COAD,
			KIRC,	LAML,
			LGG,	LUAD, OV,
			PAAD,	PRAD,
			STES,	TGCT,
			THCA,	THYM
	PEBP1	2	PRAD, THCA	
VEZF1	TBC1D5	9	BRCA,	COAD,
			KIRC,	KIRP,
			LAML,	STES,
			THCA,	THYM,
			UCEC	
PIK3C3		8	BRCA,	GBM,
			KIRC,	LGG,
			PAAD,	PRAD,
			SARC,	THCA
WDR45		3	KIRC,	PRAD,
			THYM	
PEBP1		2	LGG, PRAD	