

## LUAD Biomarkers

**Table S1.** Row list of the LUAD-associated hub genes extracted from the previous studies

Dataset	Name of hub genes	No. hub genes	Reference
GSE118370	ADCY4, S1PR1, FPR2, PPBP, NMU, PF4, and GCG	07	[155]
GSE68465, GSE68571, GSE69405	CCNA2, CCNB1, CDC20, CDCA5, CDCA8, FEN1, KIF2C, KPNA2, MCM6, NUSAP1, RACGAP1, RRM2, SPAG5, TOP2A, and TPX2	15	[156]
GSE40791	CA4, PECAM1, DNAJB4, AGER, GIMAP6, C10orf54, and DOCK4	7	[157]
GSE18842	LRRK2, PECAM1, EPAS1, LDB2, and HOXA11-AS	5	[158]
GSE43458, GSE32863, GSE74706	PHACTR2, MSRB3, GHR, PLSCR4, EPB41L2, NPNT, and FBXO32	7	[159]
GSE10072	IL6, MMP9, EDN1, FOS, CDK1, CDH1, BIRC5, VWF, UBE2C, CDKN3, CDKN2A, CD34, AURKA, CCNB2, and EGR1	15	[160]
GSE33532, GSE29013	UBE2T, PBK, MELK, TNNC1, CCNB1, RRM2, CDK1, TOP2A, TPPX2, and UBE2C	10	[161]
GSE13213	INS, LPL, HPGDS, DGAT1, UGT1A6, and CYP2C9	6	[162]
GSE7670, GSE10072, GSE31547	UBE2C, TOP2A, RRM2, CDC20, CCNB2, KIAA0101, BUB1B, TPX2, PRC1, and CDK1	10	[163]
GSE7670, GSE10072, GSE32863	CEACAM5, NQO1, LCN2, CDH1, KRT8, EPCAM, ELF3, KRT19, DCN, SERPING1, GNG11, CXCL12 and CAV1	13	[164]
GSE118370, GSE136043, GSE140797	DCY8, ADRB2, CALCA, GCG, GNGT1, and NPSR1	06	[165]
GSE32863, GSE7670, GSE40791, GSE63459, GSE75037, GSE85841, GSE116959, GSE118370	<i>CDH5, PECAM1, VWF, CLDN5, COL1A1, MMP9, SPP1, and IL6</i>	08	[166]
GSE32863, GSE75037	UBB, RAC1, ITGB1, SRC, C3, IL6, CDC20, EGFR, UBE2C, TIMP1, GNG11, CXCL12, GAS6, P4HB, CXCR4, FPR1, ADRB2, LYZ, and MMP9	19	[167]
GSE118370, GSE85841, GSE43458, GSE32863	SPP1, OCIAD2, ETV4, TOP2A, COL10A, PROM2, MMP11, UBE2T, ABCC3, BAIAP2L1, FABP4, STX11, CAV1, FHL1, TEK, AGER, FMO2, CRYAB, GRK5, and TMEM100	20	[168]
GSE19188, GSE33532	DLGAP5, KIF11, RAD51AP1, CCNB1, AURKA, CDC6, OIP5, and NCAPG	08	[169]
GSE85716, GSE32863, GSE116959	BIRC5, DLGAP5, CENPF, KIF4A, TOP2A, AURKA, and CCNA2	07	[170]
GSE119004	DK1, CCNB2, and CDC25A	03	[171]
GSE43458	IL6, VWF, CDH5, PECAM1, EDN1, BDNF, CAV1, SPP1, TEK, and SELE	10	[172]
GSE116959, GSE68571, GSE40791	VWF, SPP1, PECAM1, TOP2A, CDK1, UBE2C, and KIF23	07	[173]
GSE6044, GSE118370	CDK1 and PLK1	02	[174]
GSE43458, GSE62949, GSE68465, GSE115002, GSE116959, GSE118370	CBFA2T3, CR2, SEL1L3, TM6SF1, TSPAN32, ITGA6, MAPK11, RASA3, and TLR6	09	[175]
GSE40419, GSE66727, GSE86337, GSE57148	TPX2, CENPF, BUB1, PLK1, KIF2C, AURKB, CDKN3, BUB1B, HMGA2, CDK1, ASPM, and CKS1B	12	[176]
GSE75037	CHRDL1 and SPARCL1	02	[177]