

Table S1 mRNA Expression of PRKCI, AKT, miR-124, SOC3, VEGF, KLF3, HIF1 α and TPD52 in breast cancer patients.

GENE	FOLD CHANGE (p<0.001)	mRNA EXPRESSION
PRKCI	35.5	↑
AKT	13.37	↑
miR-124	0.087	↓
KLF3	0.056	↓
HIF1 α	22.25	↑
VEGF	51.02	↑
TPD52	3.21	↑
SOC3	30.6	↑

Table S2 mRNA Expression of PRKCI, AKT, miR-124, SOC3, VEGF, KLF3, HIF1 α and TPD52 in clinicopathological features of patients

Clinicopathological features	Fold change PRKCI	Fold change AKT	Fold change miR-124	Fold change SOC3	Fold change VEGF	Fold change HIF1 α	Fold change TPD52	Fold change KLF3
Stage I & II	21.45	7.46	0.075	12.69	28.01	12.17	1.43	0.043
Stage III & IV	27.28	13.68	0.073	27.20	56.17	13.60	2.23	0.051
IBC	27.13	7.80	0.075	31.66	38.58	7.91	1.89	0.053
IDC	23.49	4.24	0.081	17.75	39.39	12.76	2.46	0.049
DCIS	3.28	6.45	0.079	21.50	25.68	21.50	1.73	0.93
LCIS	8.81	2.30	0.071	12.79	28.63	6.39	2.24	0.056
Her2+	12.00	11.55	0.082	17.35	13.50	13.35	1.43	0.32
Luminal A	7.11	10.54	0.084	25.41	43.36	7.17	2.13	0.073

Luminal B	15.77	6.4	0.081	27.16	34.63	4.12	2.01	0.065
Triple negative	29.18	12.6	0.082	30.12	24.08	15.06	1.75	0.12

Table S3mRNA Expression of PRKCI, AKT, miR-124, SOC3, VEGF, KLF3, HIF1 α and TPD52 in risk factors of patients

Clinicopathological features	Fold change PRKCI	Fold change AKT	Fold change miR-124	Fold change SOC3	Fold change VEGF	Fold change HIF1 α	Fold change TPD52	Fold change KLF3
Family history positive	33.08	8.45	0.067	25.38	42.87	16.74	2.23	0.043
Family history negative	34.02	6.63	0.079	8.61	30.99	19.30	1.84	0.058
Premenopausal women	18.6	3.71	0.081	14.20	33.12	16.74	1.34	0.049
Postmenopausal women	33.79	10.49	0.083	22.56	48.16	3.12	2.76	0.051