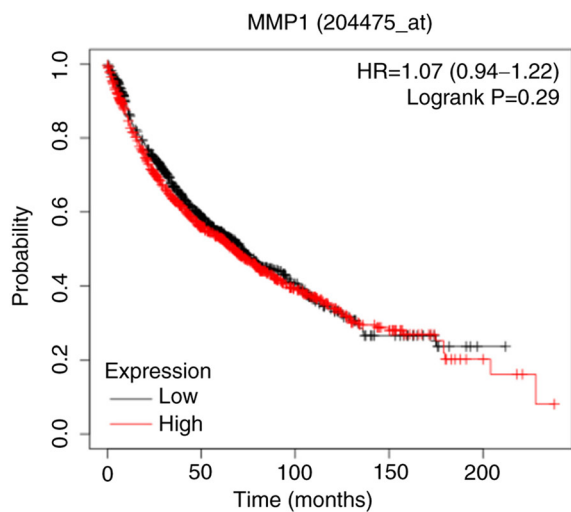
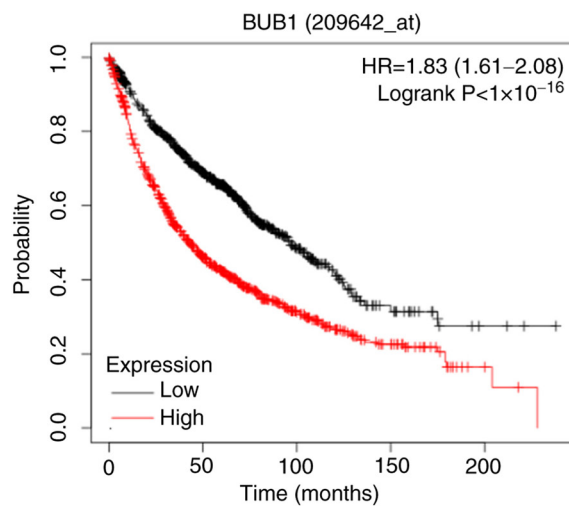


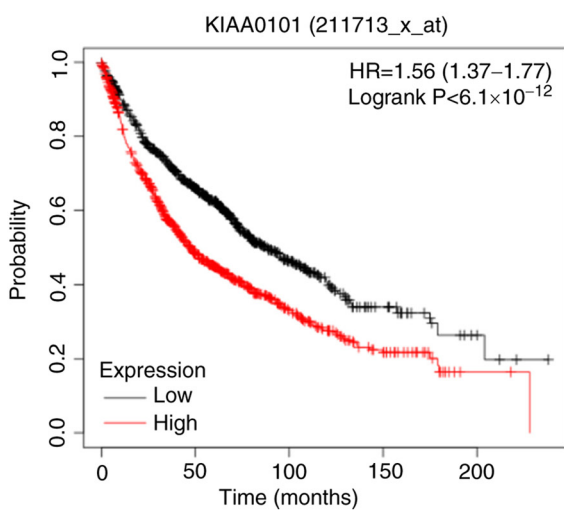
Figure S1. Overall survival rates based on MMP1, BUB1, KIAA0101 and SRD5A1 expression in lung cancer were determined by Kaplan-Meier analysis using the online software UALCAN. BUB1, BUB1 mitotic checkpoint serine/threonine kinase; KIAA0101, PCNA clamp associated factor; SRD5A1, steroid 5  $\alpha$ -reductase 1.



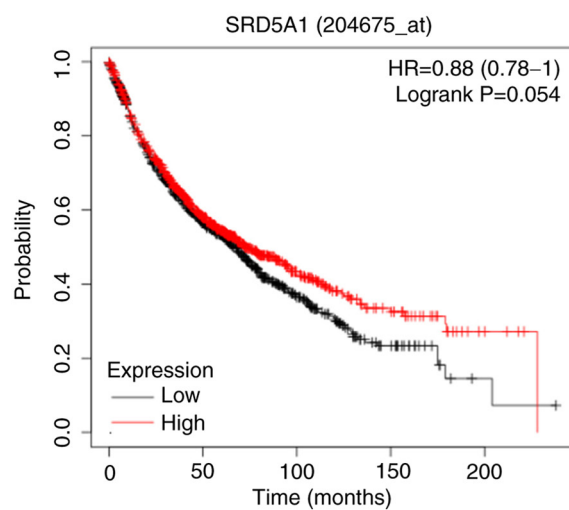
Number at risk		0	50	100	150	200
Low	963	413	89	20	1	
High	962	414	114	37	6	



Number at risk		0	50	100	150	200
Low	963	481	96	20	3	
High	962	346	107	37	4	



Number at risk		0	50	100	150	200
Low	966	492	107	25	5	
High	959	335	96	32	2	



Number at risk		0	50	100	150	200
Low	963	405	102	23	2	
High	962	422	101	34	5	

Figure S2. Effect of circTADA2A and miR-638 on KIAA0101 protein expression. Overexpression of circTADA2A promotes KIAA0101 protein expression, while the promotive effect is reversed by upregulation of miR-638 in A549 and H1299 cells. \* $P < 0.05$ , \*\* $P < 0.01$ . circTADA2A, circular RNA transcription adaptor 2A; miR, microRNA; KIAA0101, PCNA clamp associated factor; oe, overexpression.

