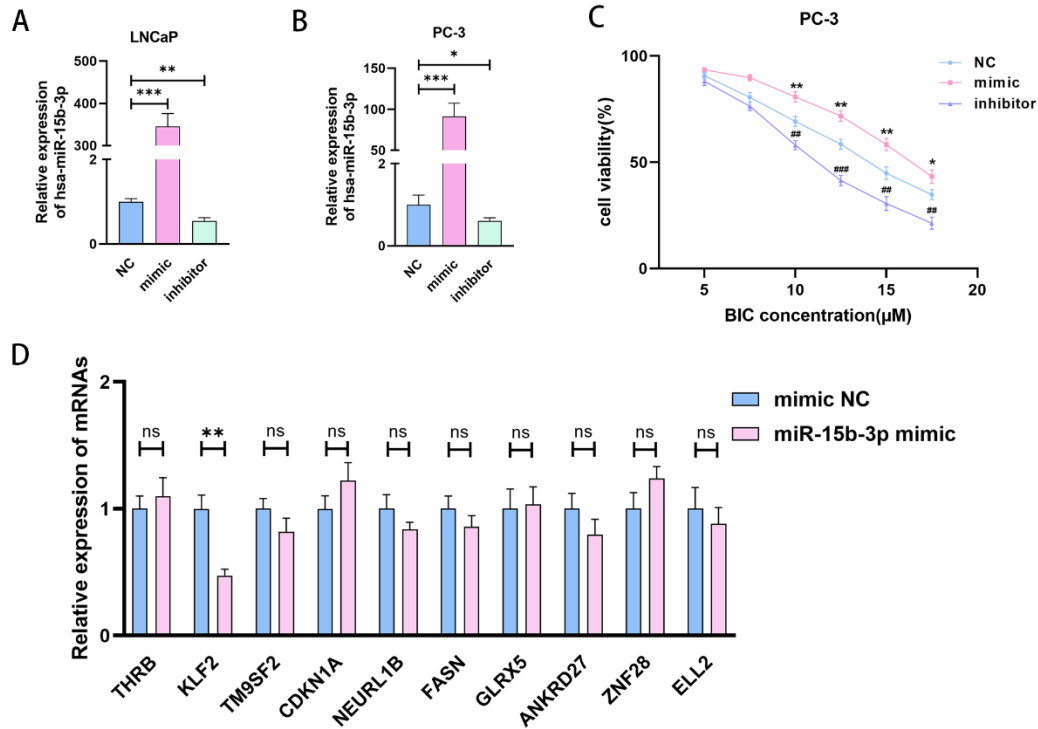


**Figure S1**



(A, B) Transfection of has-miR-15b-3p mimic and inhibitor were effective in LNCaP and PC-3 cell lines. (C) mimic and inhibitor regulated the BIC sensitivity in PC-3 cells by CCK8. \*\* and \*\*\* represent significant differences between NC and mimic groups; ## and ### represent significant differences between NC and inhibitor groups. (D) mRNAs level of intersection genes after transfection of has-miR-15b-3p mimic.

**Table S1. tPSA and miR-15b-3p value of the first affiliated hospital of Chongqing medical university patients**

Patients	tPSA(ng/mL)	miR-15b-3p	Diagnosis
1	5.41	0.012689	non-PCa
2	5.74	0.003965	non-PCa
3	8.41	0.006653	non-PCa
4	8.23	0.008887	non-PCa
5	4.86	0.003364	non-PCa
6	8.03	0.006268	non-PCa

7	7.48	0.012678	PCa
8	6.93	0.000247	non-PCa
9	8.63	0.019027	PCa
10	6.12	0.001663	non-PCa
11	5.88	0.004746	non-PCa
12	4.99	0.004008	non-PCa
13	6.16	0.003204	non-PCa
14	4.59	0.005120	non-PCa
15	4.85	0.002187	non-PCa
16	8.77	0.009248	non-PCa
17	7.43	0.002679	non-PCa
18	6.26	0.004903	non-PCa
19	5.95	0.000986	non-PCa
20	8.02	0.005818	non-PCa
21	9.21	0.000776	non-PCa
22	6.88	0.005421	non-PCa
23	5.5	0.018933	PCa
24	7.25	0.008411	non-PCa
25	8.19	0.005594	non-PCa
26	5.77	0.008657	non-PCa
27	9.05	0.000436	non-PCa
28	8.08	0.005055	non-PCa
29	6.7	0.014621	PCa
30	7.37	0.002807	non-PCa
31	6.04	0.004306	non-PCa
32	5.59	0.006922	non-PCa
33	15.9	0.005945	non-PCa
34	38.95	0.003232	non-PCa
35	37.99	0.000392	non-PCa
36	39.44	0.012811	PCa
37	39.58	0.015106	PCa
38	19.29	0.012691	PCa
39	45.88	0.010297	PCa
40	49.44	0.017719	PCa
41	56.8	0.004034	PCa
42	68.62	0.010962	PCa

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