

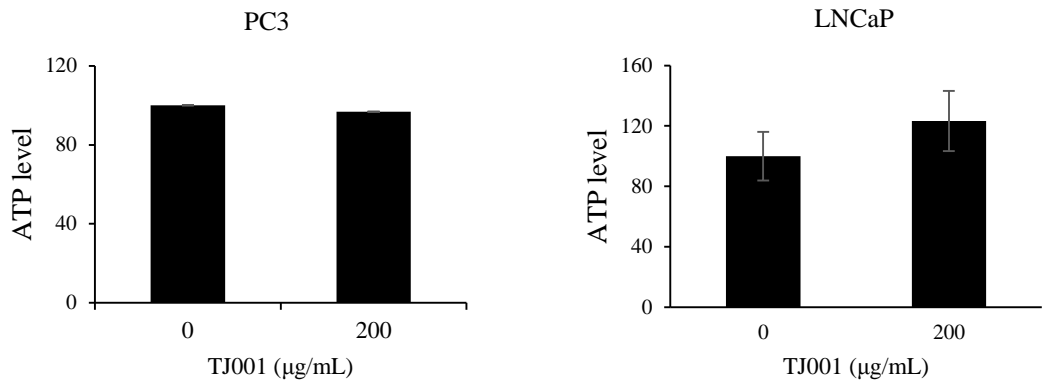
Supplementary legend

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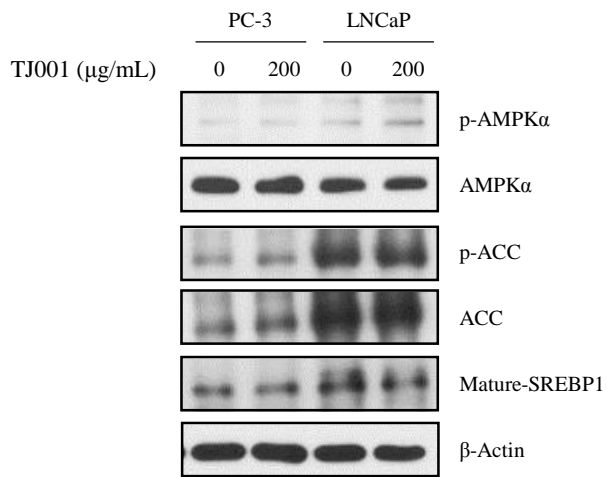
3 Supplementary 1: Effects of TJ001 on metabolic stress in PC3 and LNCaP cells. Cells were
4 incubated for 48 h with or without TJ001 (200 µg/mL). (a) The content of ATP was measured
5 using a commercial kit (Promega, USA). Data are presented as the mean ± SD. We analyzed
6 (b) the expression of lipid metabolism related proteins.

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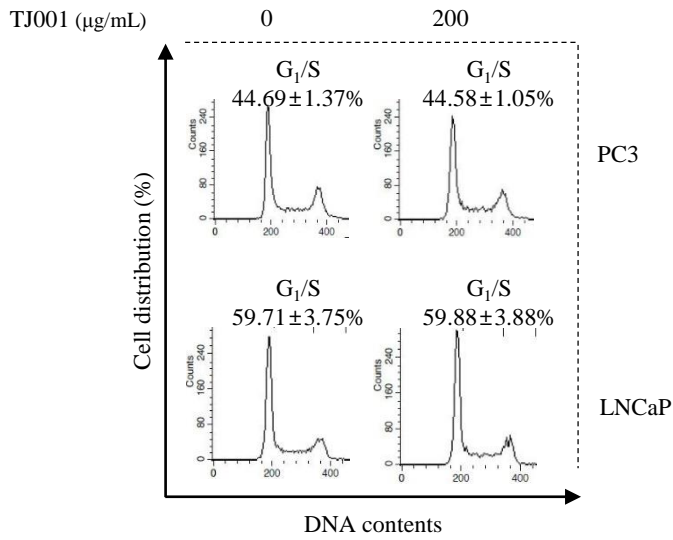
8 Supplementary 2: TJ001 had no effects on cell growth in PC3 and LNCaP cells. Cell cycle
9 distribution of prostate cancer cells measured by flow cytometry. (a) Cells were incubated with
10 TJ001 (200 µg/ml) treatment for 48 h. All floating and attached cells were harvested and fixed
11 in 95% ethanol. The stained cells with PI were performed to examine cell cycle progression (b)
12 The graphs showed a cell cycle distribution in PC3 and LNCaP cells. Data represents Mean ±
13 SD (c) CKI (Cyclin kinase inhibitor) and cyclin proteins, involved with G1/S phase arrest, were
14 performed. (d) Total and phosphorylated forms of protein synthesis-related proteins in mTOR
15 signaling pathway were detected using Immunoblotting assay.



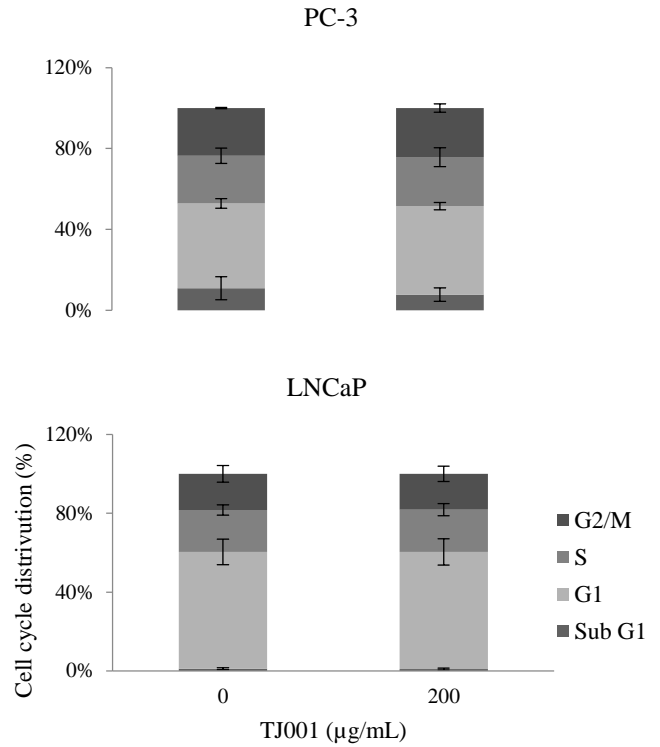
(a)



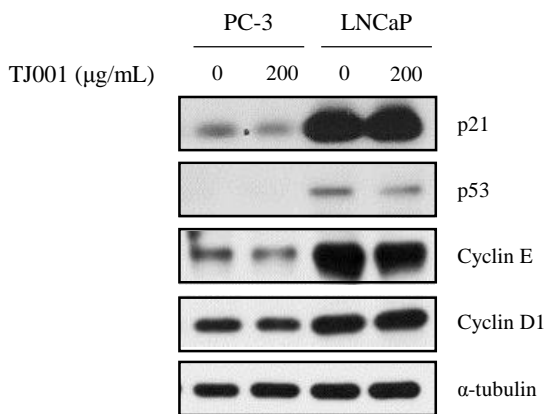
(b)



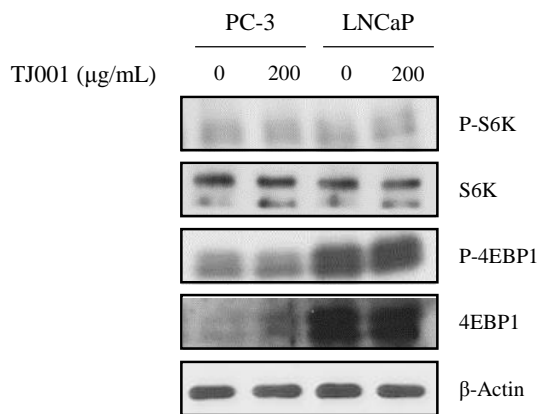
(a)



(b)



(c)



(d)