

Supplemental Figure 1 Nagasawa

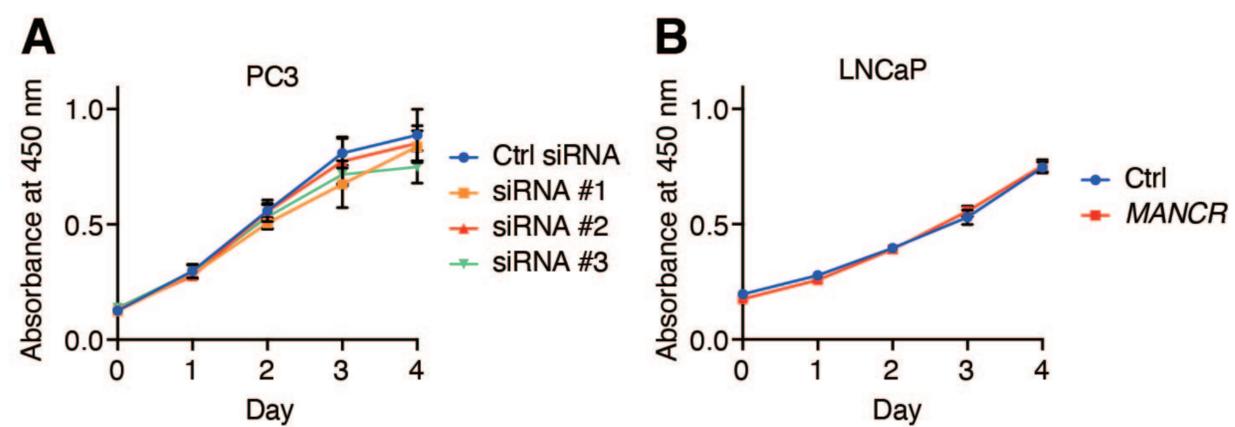


Figure S1. Proliferation assays of prostate cancer cell lines.

(A) Proliferation curves of PC3 cells with siRNA-mediated knockdown of *MANCR*. **(B)** Proliferation curves of LNCaP cells with overexpression of *MANCR*. Error bars indicate mean \pm S.E.M. (n=3 biological replicates).

Supplemental Figure 2 Nagasawa

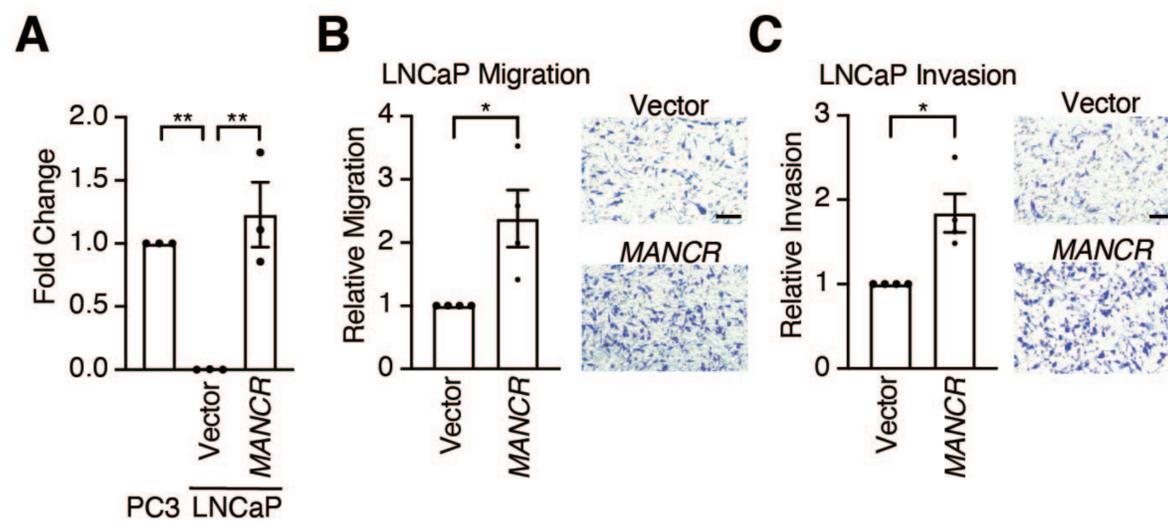


Figure S2. *MANCR* reinforces cell migration and invasion abilities of the AR-negative prostate cancer cell line LNCaP.

(A) RT-qPCR analysis of *MANCR* expression in PC3 cells and LNCaP cells transfected with pcDNA3.1 (Vector) or pcDNA3.1-*MANCR* (*MANCR*). Error bars indicate mean \pm S.E.M. (n=3 biological replicates). ** $P < 0.01$; one-way ANOVA. (B) Migration and (C) invasion assays performed in LNCaP cells transfected with pcDNA3.1 (Vector) or pcDNA3.1-*MANCR* (*MANCR*). Error bars indicate mean \pm S.E.M. (n=4 biological replicates). * $P < 0.05$; unpaired t-test. Scale bars, 100 μm .