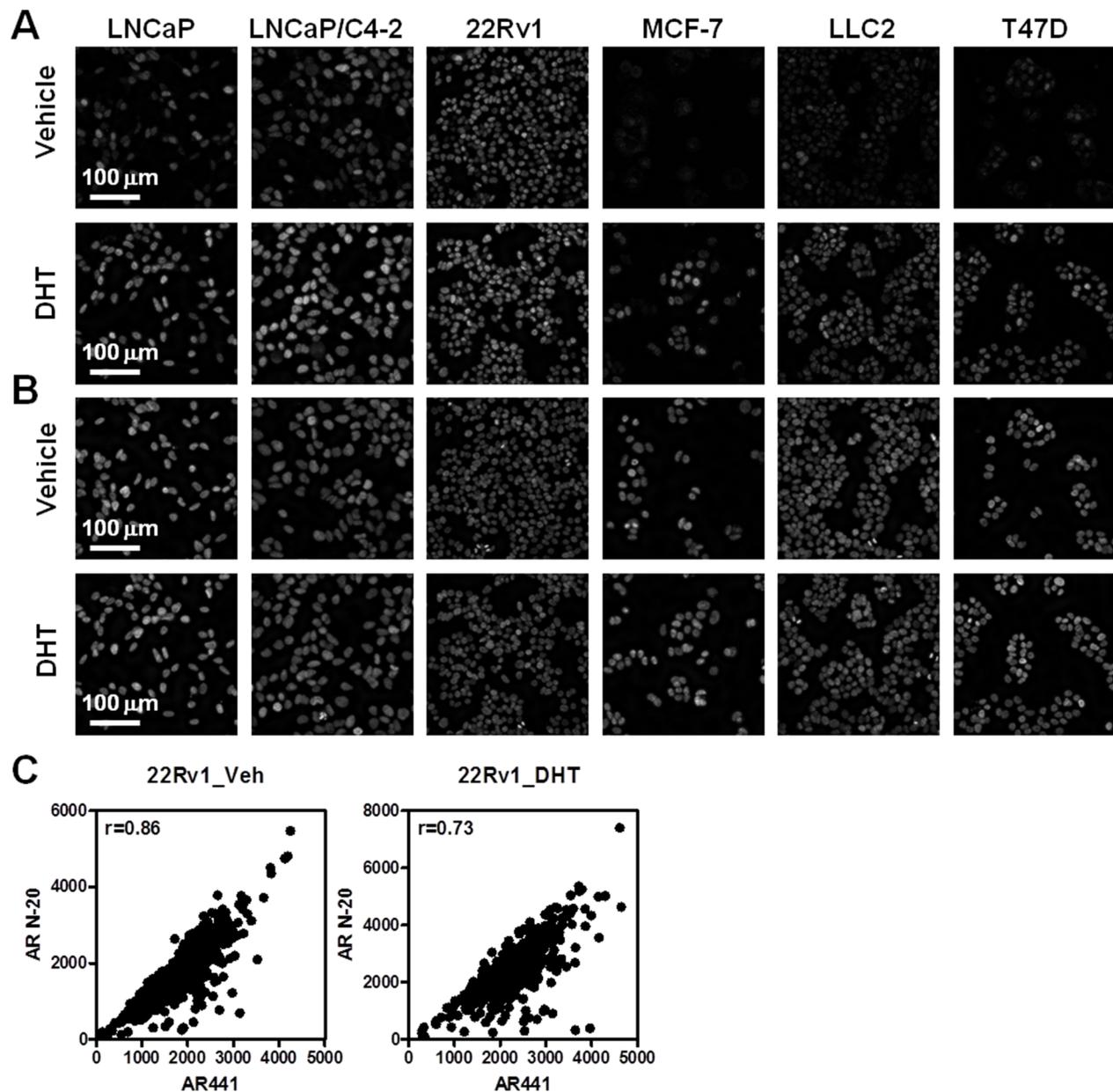
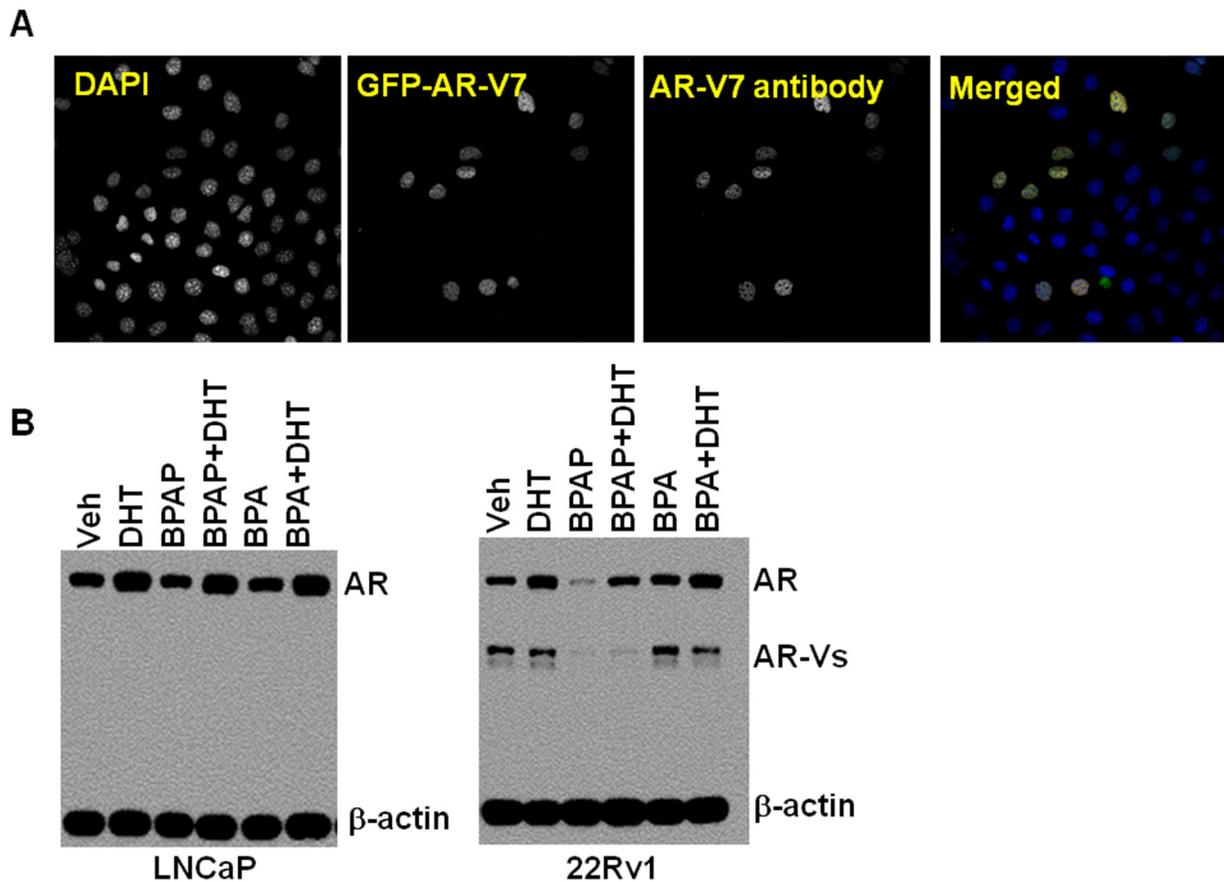


SUPPLEMENTARY FIGURES AND TABLE



Supplementary Figure S1: High throughput microscopy-based analysis of endogenous AR nuclear level and translocation across prostate and breast cancer cell lines. A–B. Representative images of the cell lines used in HTM labeled with AR N-20 antibody or stained with DAPI after 24 hrs of treatment with either vehicle or 1 nM DHT. C. Spearman correlation analysis between AR441 and AR N-20 after dual immunofluorescence in 22Rv1.



Supplementary Figure S2: Validation of AR-V7 antibody by imaging and effect of BPA on AR-V7. A. GFP-AR-V7:PC-3 were treated with vehicle or 20 μ M BPAP for 24 hrs and immunolabeled with AR-V7 antibody. B. Western blot in LNCaP and 22Rv1 showing reduction of AR (full length and variants) only in 22Rv1. Cells were treated with 20 μ M BPA or BPAP for 24 hrs +/- DHT.

Supplementary Table S1: qPCR primer sequences

Gene	Forward	Reverse
AR	cggaagctgaagaacttg	atggctccaggacattcag
AR-V7	caccatggaagtgcagttagggtgggaagggtctacct	tcagggtctggtcattttgagatgcttgcattgcc
EDN2	tgggtgaacactcctgaaca	aggcagaaggtggcacag
IDH3A	agccggtcaccatctatgaa	cttctgttctctcgaatggtc
NKX3.1	gagacgctggcagagacc	tccaacagataagacccaag
NTS	gcatgctactctgcttcc	ccaagagggaacatgtgctt
PSA	tcctatgggatcagactgc	tgggtaggtggagaatggag
TMPRSS2	ggtagtactgagccgatgc	caccaccagctattggacct