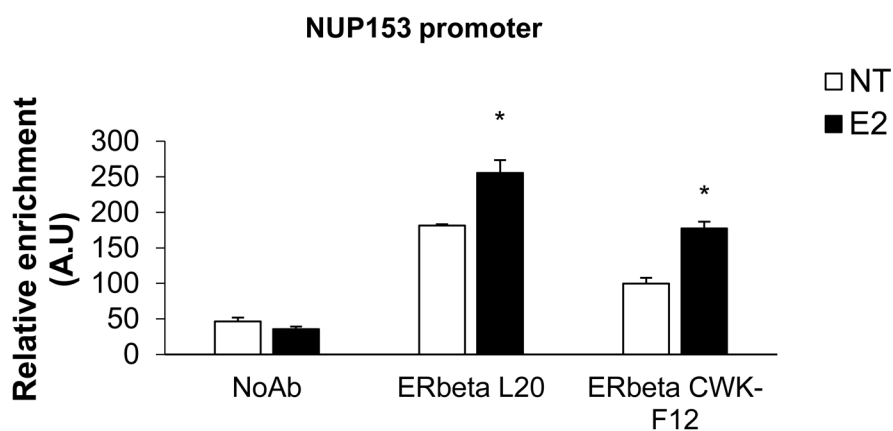
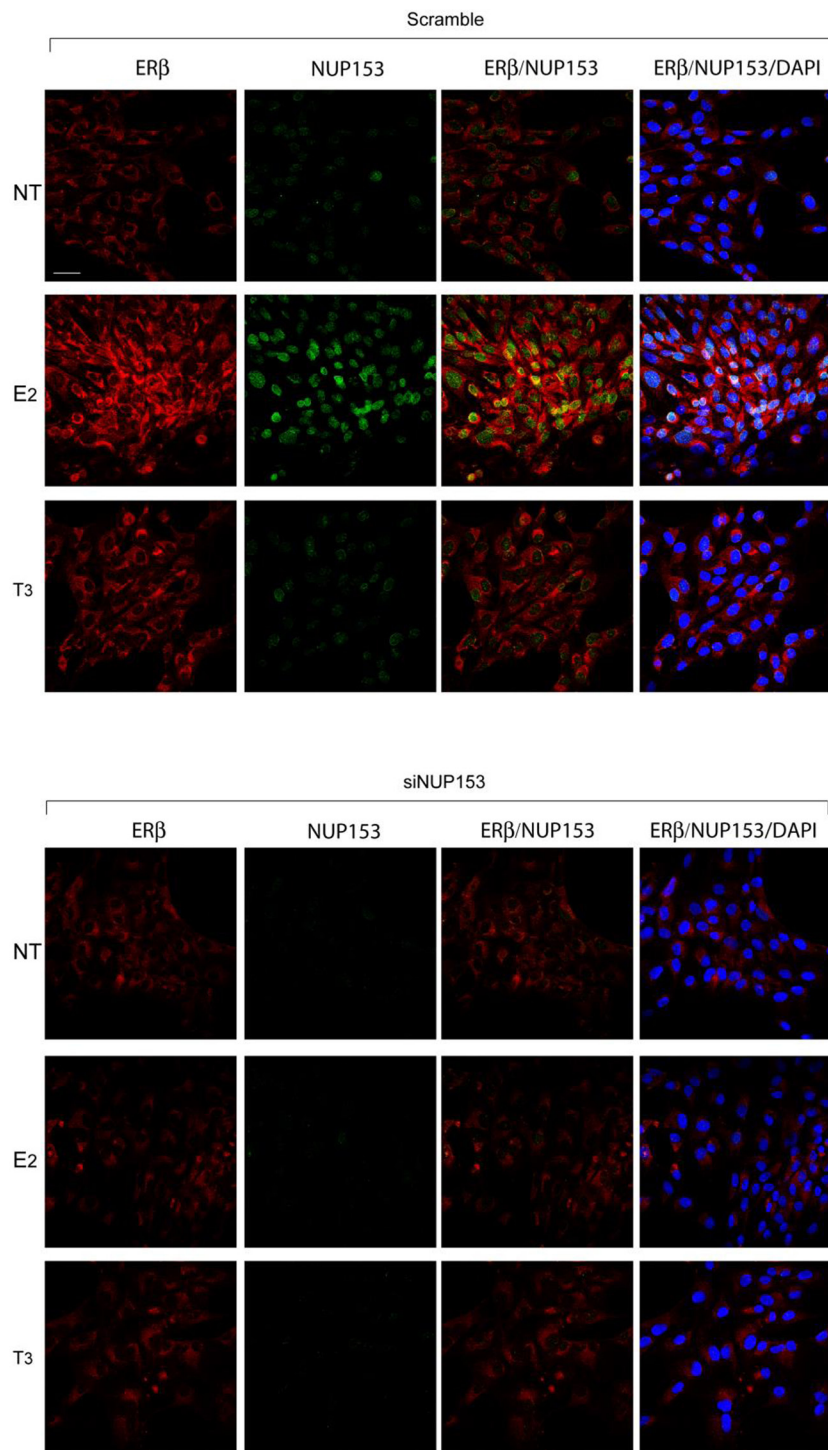


Nucleoporin 153 regulates estrogen-dependent nuclear translocation of endothelial nitric oxide synthase and estrogen receptor beta in prostate cancer

SUPPLEMENTARY MATERIALS



Supplementary Figure 1: ChIP analysis of Nup153 promoter with antibodies to ER β L-20 (4 μ g), ER β CWK-F12 (3 μ g) and no Antibody (NoAb), as control, in prostate cancer cells before and after estradiol treatment (NT and E₂, respectively). Data represent the mean \pm SEM. * $p < 0.05$ E₂ vs NT.



Supplementary Figure 2: Representative confocal microscopy images showing Nup153 (H-161; green) and ERβ (CWK-F12; red) expression in PCa cells before and after Nup153 depletion (lower panels), untreated or treated with E₂ (10⁻⁷M, 3h 45min) or T₃ (10⁻⁷M, 3h 45min). Cells silenced for Nup153 (60nM oligos mix) or treated with scramble control oligo were analysed at 48h post-transfection. T₃ treatment served as control of ERβ estrogen response specificity. Nuclei were counterstained with DAPI (blue).