

Supplementary Figure 1

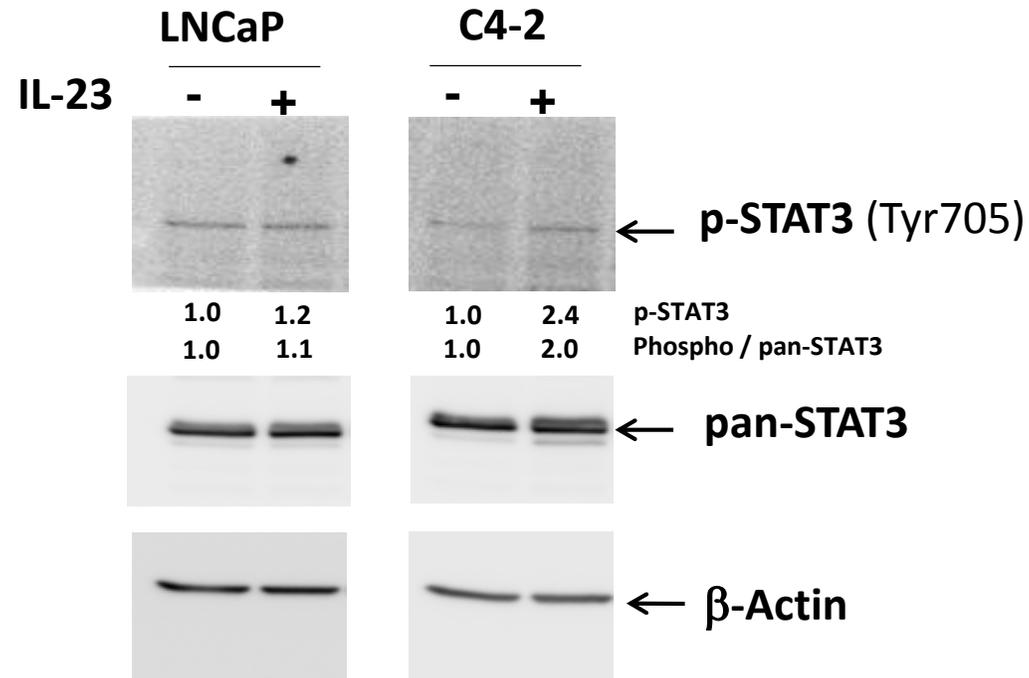


Fig. S1 IL-23 enhances levels of phospho-STAT3 (p-STAT3)

Western blot of LNCaP and C4-2 extracts treated with IL-23 reveal about a two fold increase of p-STAT3 (Tyr705) in C4-2 cells. Band intensities were normalized to β -Actin. The numbers indicate the relative p-STAT3 levels and the ratio between p-STAT3 and pan-STAT3.

Supplementary Figure 2

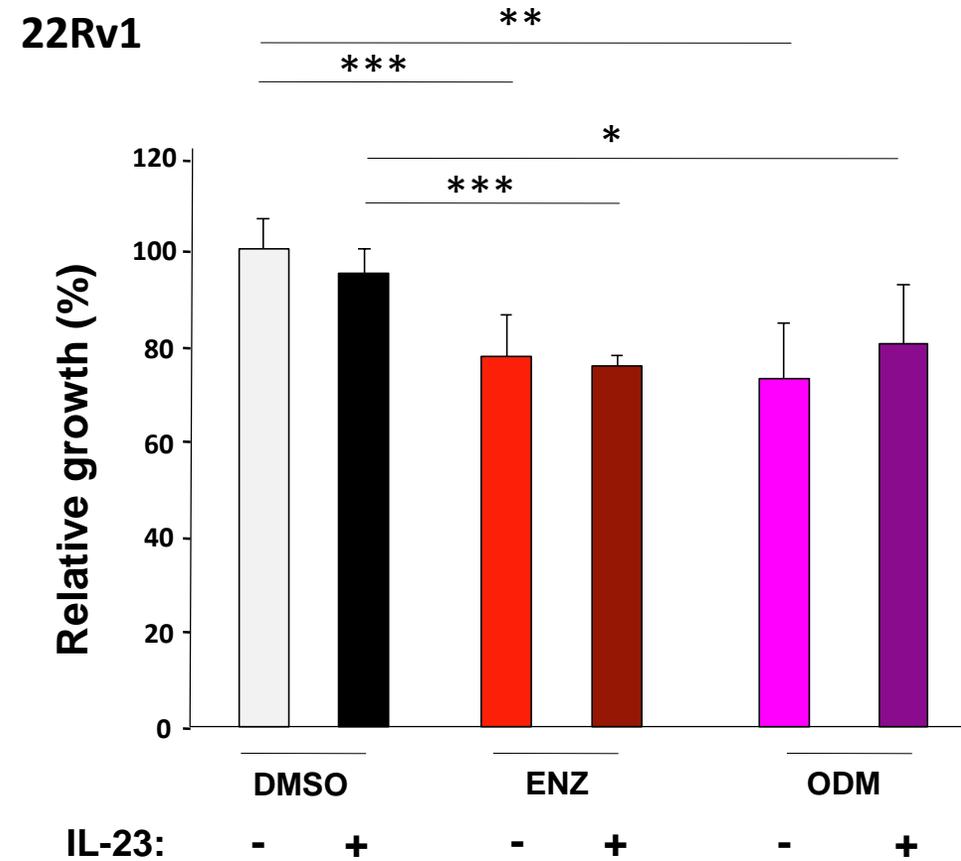


Fig. S2 AR antagonists suppress proliferation of CRPC 22Rv1 cells.
Same experimental setup as in Fig. 1b and c except using 22Rv1 cells.

Supplementary Figure 3

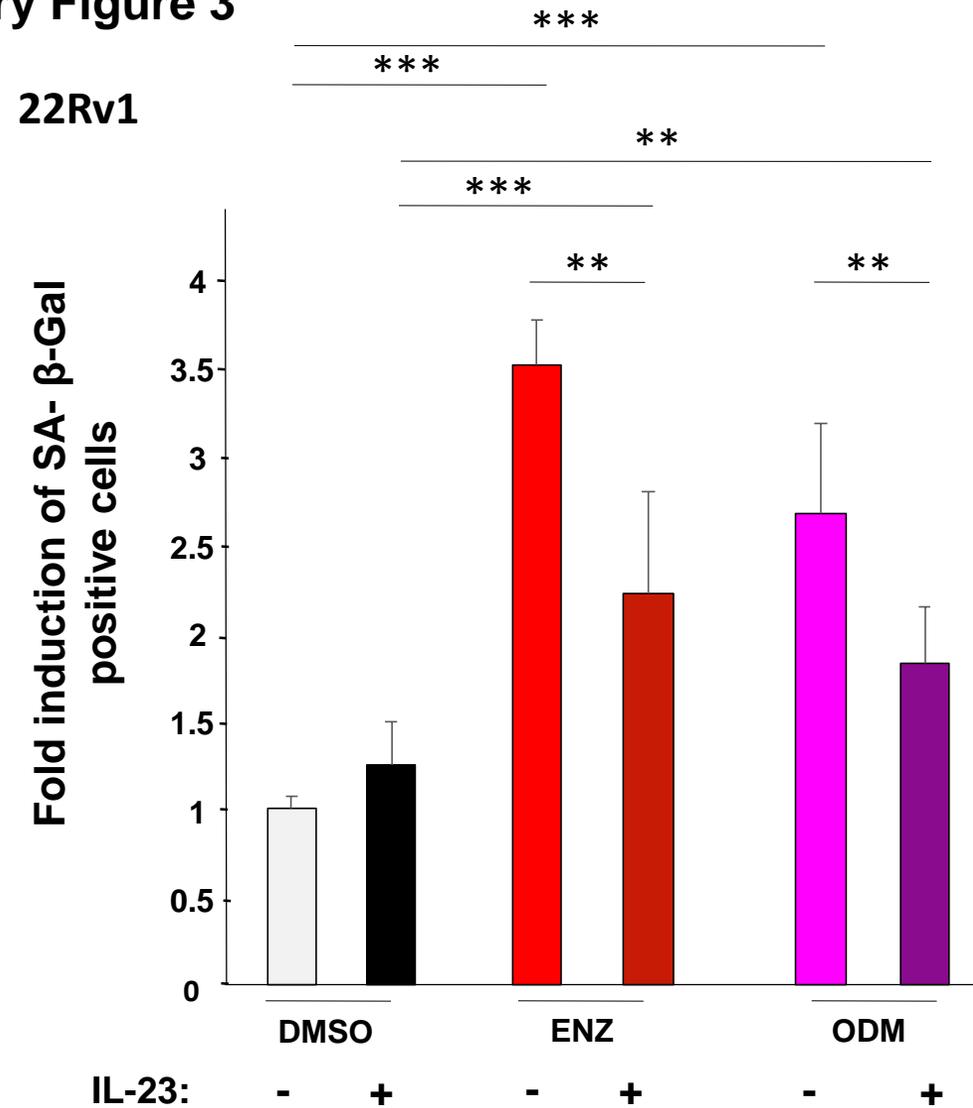


Fig. S3 IL-23 reduces AR antagonist-induced cellular senescence in 22Rv1 cells.
Same experimental setup as in Fig. 3 except using 22Rv1 cells.

Supplementary Figure 4

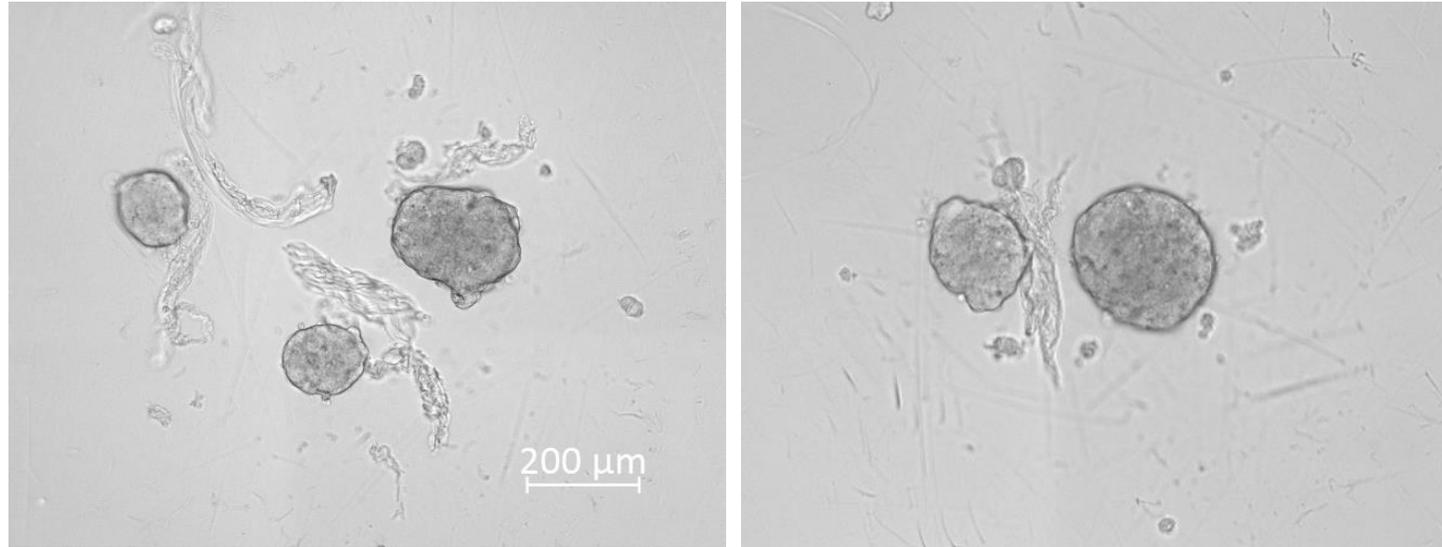


Fig. S4 Lack of proper 22Rv1 spheroid formation.

Same experimental setup as in Fig. 5 except using 22Rv1 cells. Data suggest that 22Rv1 form multiple small spheroids in contrast to C4-2 cells under same conditions.

Supplementary Figure 5

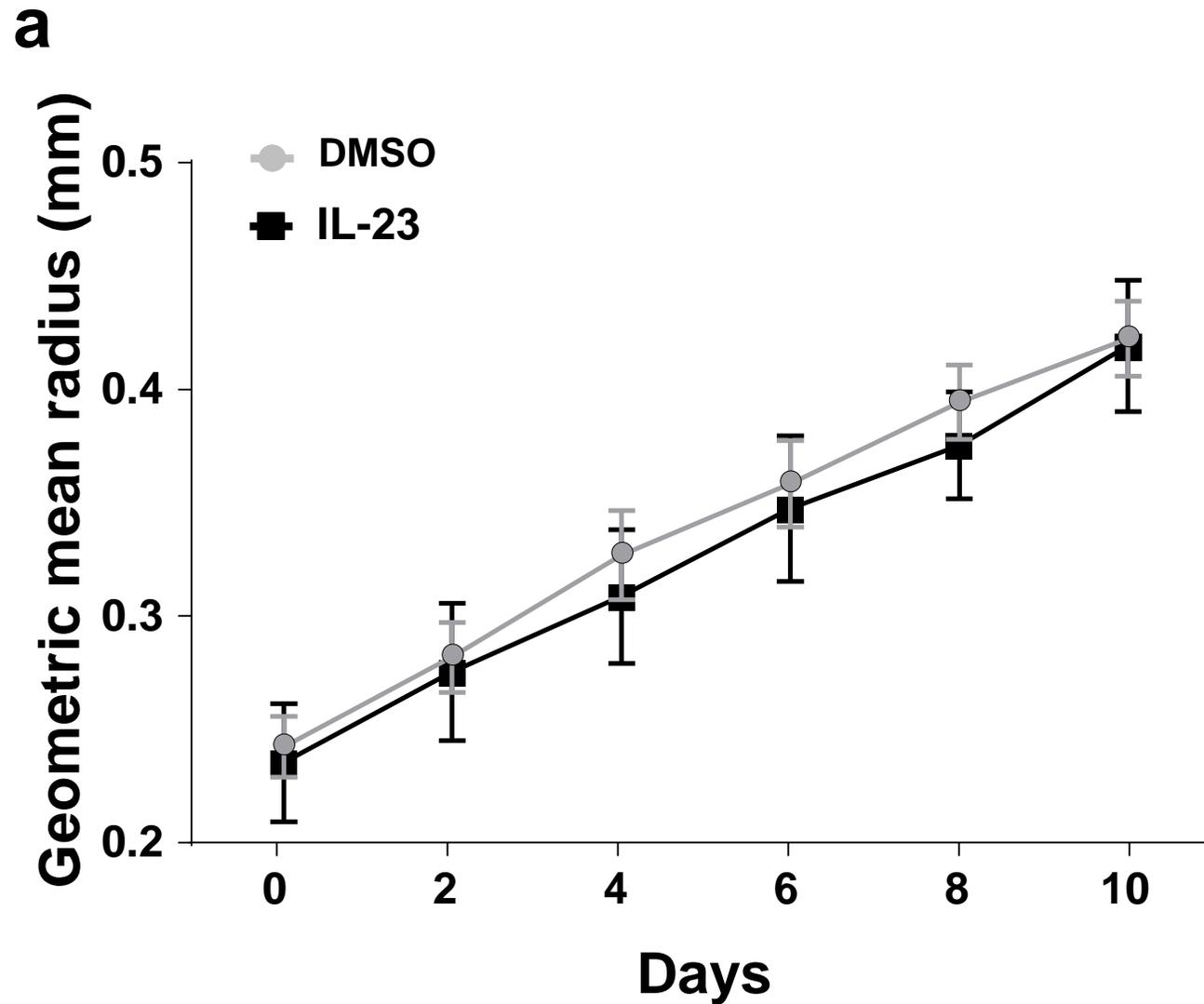
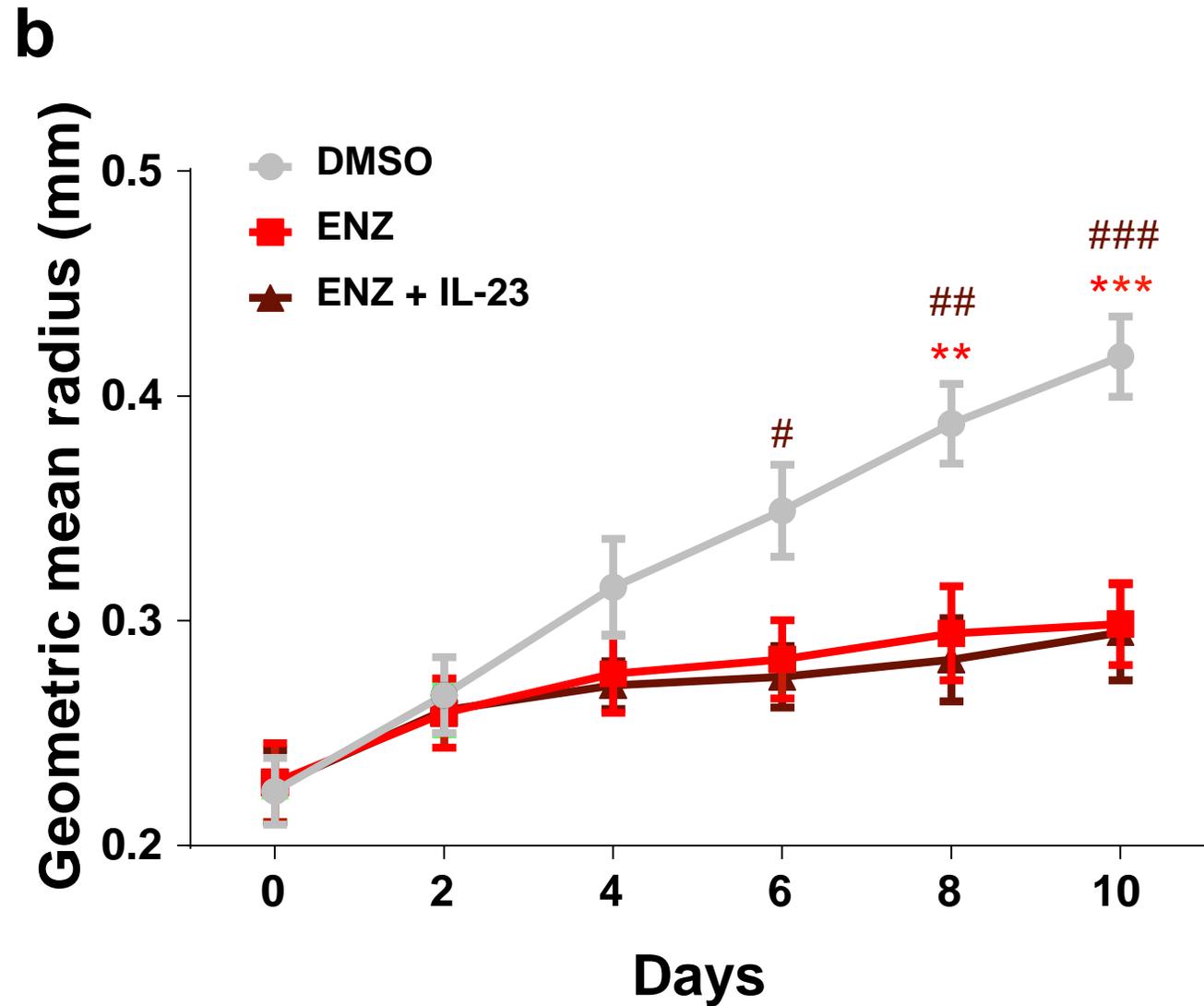


Fig. S5 Change of mean radius of spheroids.

Same experimental setup as in Fig. 5 depicting the measured mean radius. (a) control treatment, (b) ENZ and (c) ODM each treatment with and without IL-23

Supplementary Figure 5



Supplementary Figure 5

