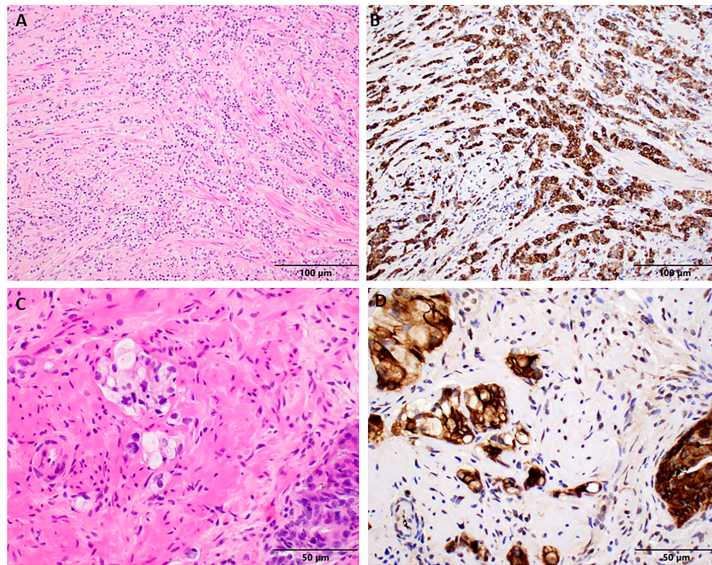
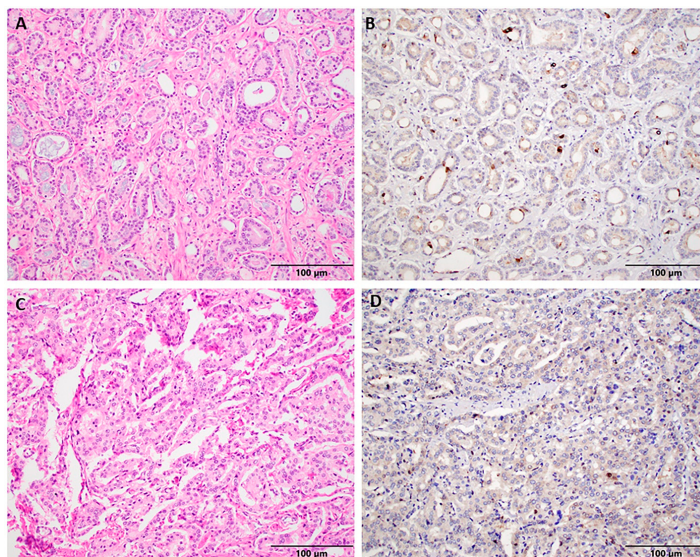
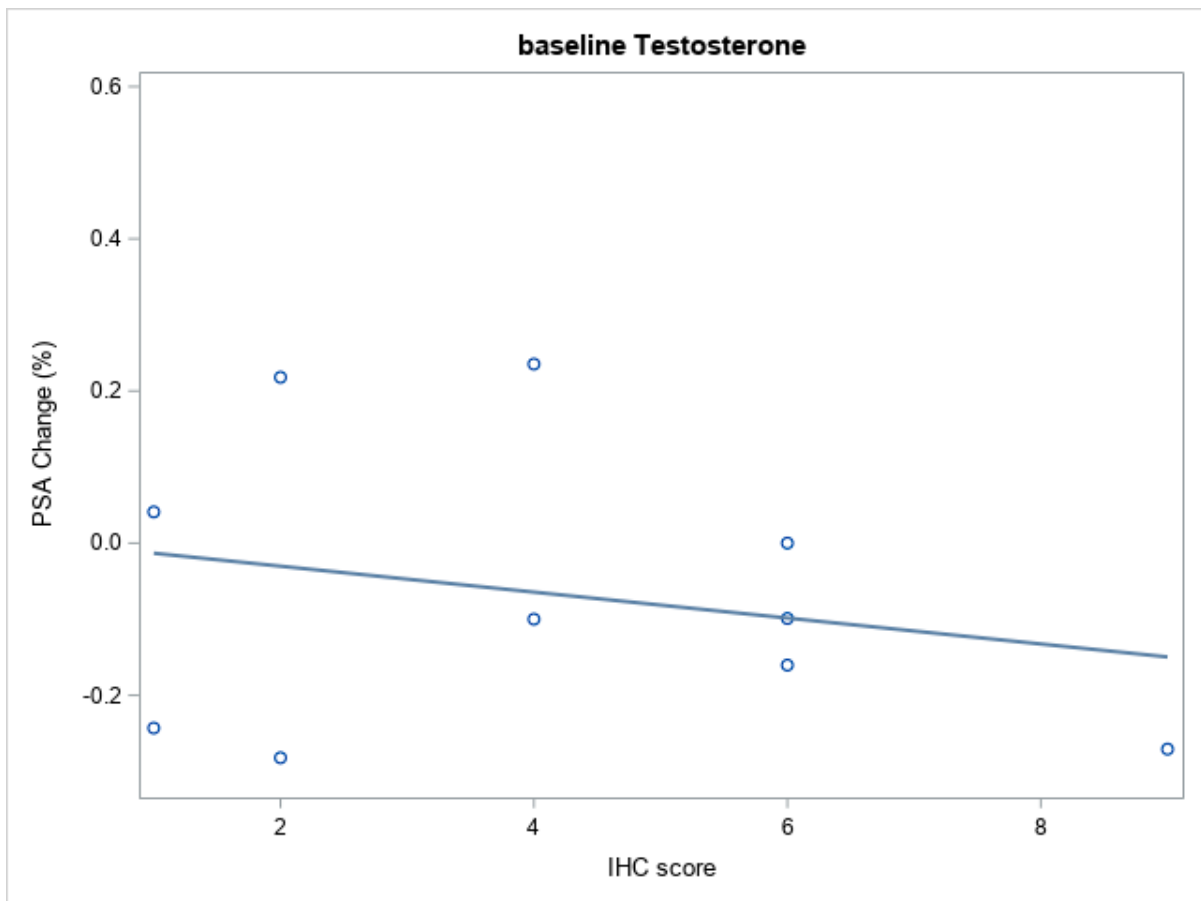




Supplement Figure S1. CB1 High Expression. **A.** H&E staining of high-grade prostatic adenocarcinoma composed of predominantly infiltrating poorly formed glands and single individual cells (20x magnification). **B.** Corresponding immunohistochemical staining (IHC) for CB1 expression in the same tumor showing strong and diffuse cytoplasmic and membranous expression in this field (anti-CB1 stain, 20x magnification). **C.** High-magnification of a high-grade prostatic adenocarcinoma composed of poorly formed glands (H&E stain, 40x magnification). **D.** High-magnification of corresponding IHC staining of CB1 I expression in the same tumor showing strong and diffuse cytoplasmic and membranous expression (anti-CB1 stain, 40x magnification).



Supplement Figure S2. CB1 low expression **A.** H&E staining of low-grade prostatic adenocarcinoma comprised of well-formed, clearly delineated glands with scattered intraluminal mucin (20x magnification). **B.** Corresponding CB1 immunohistochemical staining (IHC) in the same tumor showing focal, scattered cytoplasmic and membranous expression (anti-CB1 stain, 20x magnification). **C.** H&E staining of intermediate-grade prostatic adenocarcinoma showing, in this field, predominantly a dense cribriform type architecture admixed with scattered poorly formed glands (20x magnification). **D.** Corresponding CB1 IHC expression in the same tumor showing only faint, rare cytoplasmic expression (anti-CB1 stain, 20x magnification).



Supplement Figure S3. Correlation between CB1 IHC expression levels and PSA changes.
PSA, prostate specific antigen, IHC, immunohistochemical, CB1, cannabinoid receptor 1