Supplementary materials

PRAD: prostate adenocarcinoma
Analysis of CD44 expression level isoforms

CD44v8-10 transcript variant 3, mRNA.
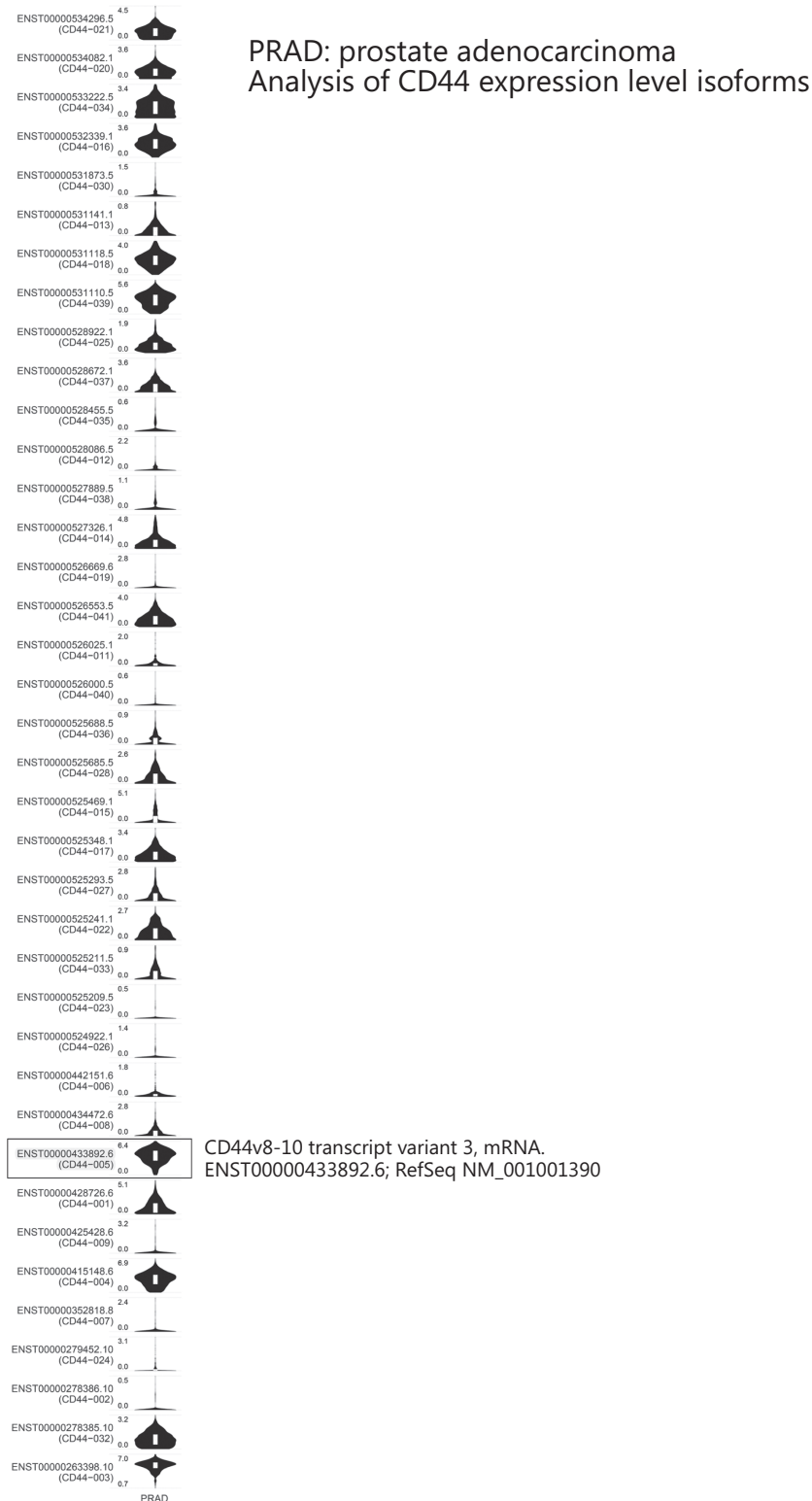ENST00000433892.6; RefSeq NM_001001390

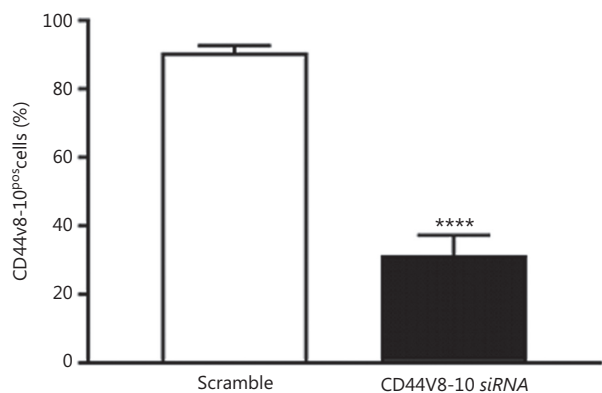**Figure S1**   Inhibition of CD44v8-10 expression by specific siRNA treatment.

Figure S2 Violin plots showing the expression of CD44 isoforms in PRAD TGCA datasets (n = 492). The box-plots (white) represent the mRNA expression. The violin plot outlines (black) illustrate kernel probability density. The CD44v8-10 isoform is indicated in the figure. Scale of the graphs: log10.

Table S1 List of primers used for gene expression analysis

Target gene	Forward primer	Reverse primer
PPARγ	5′-TCAAACGAGAGTCAGCCTTTAACG-3′	5′-AGTGGGAGTGGTCTTCCATTACG-3′
RUNX2	5′-CCCGTGGCCTTCAAGGT-3′	5′-CGTTACCCGCCATGACAGTA-3′
RUNX2	5′-TTACTTACACCCCGCCAGTC-3′	5′-TATGGAGTGCTGCTGGTCTG-3′
β-actin	5′-GAGGCCCAGAGCAAGAGAG-3′	5′-AGGTGTGGTGCCAGATTTTC-3′
H3	5′-GTGAAGAAACCTCATCGTTACAGGCCTGGT-3′	5′-CTGCAAAGCACCAATAGCTGCACTCTGGAA-3′
ANKRD1	5′-CTGTGAGGCTGAACCGCTAT-3′	5′- CTGTGAGGCTGAACCGCTAT-3′
Cyr61	5′-AGCCTCGCATCCTATACAACC-3′	5′-TTCTTTCACAA GGCGGCACTC-3′
TAZ (WWTR1)	5′-CCATCACTAATAATAGCTCAGATCG-3′	5′-GTGATTACAGCCAGG TTAGAAAG-3′
Col1A1	5′- GATTCCCTGGACCTAAAGGTGC-3′	5′- AGCCTCTCCATCTTTGCCAGCA-3′
Col1A2	5′- CCTGGTGCTAAAGGAGAAAGAGG-3′	5′- ATCACCACGACTTCCAGCAGGA-3′
MPP9	5′-GCCACTACTGTGCCTTTGAGTC-3′	5′-CCCTCAGAGAATCGCCAGTACT-3′
MPP13	5′-AAGGAGCATGGCGACTTCT-3′	5′-TGGCCCAGGAGGAAAAGC-3′
IL-6	5′-ATGAACTCCTTCTCCACAAGC-3′	5′-GTTTTCTGCCAGTGCCTCTTTG-3′