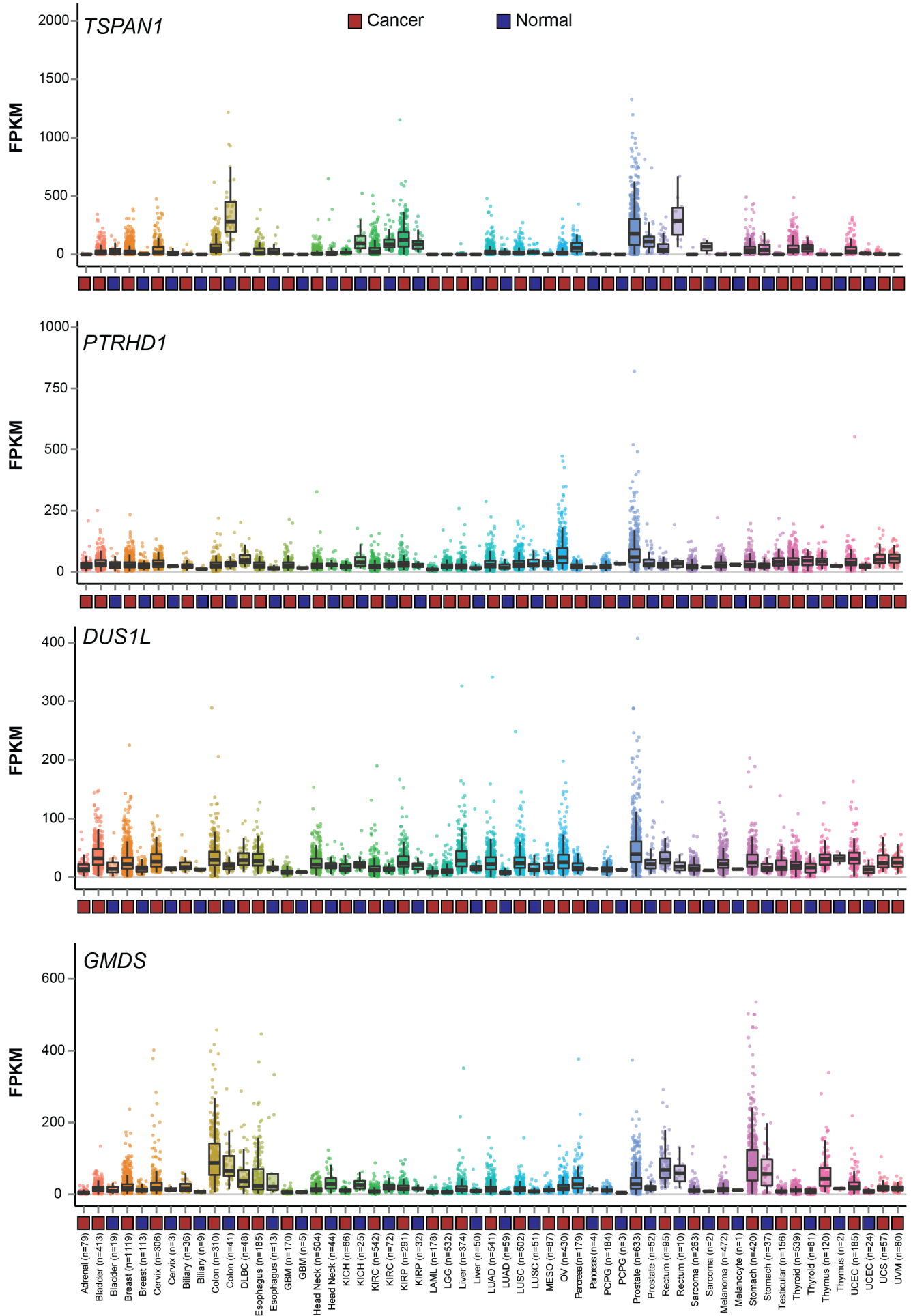
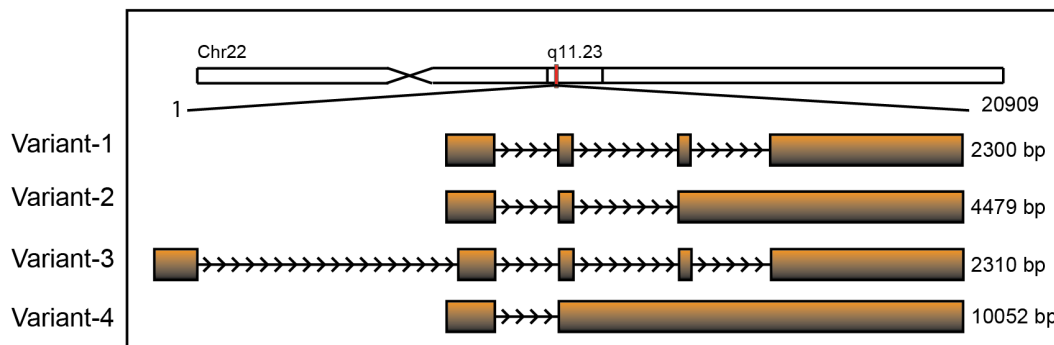


Supplementary Figure 1

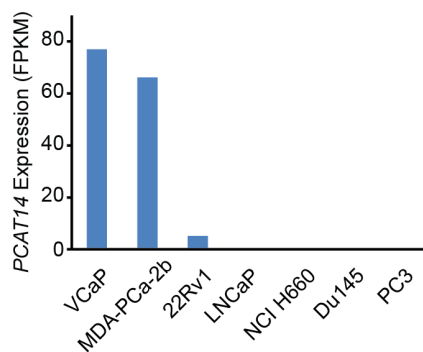


Supplementary Figure 2

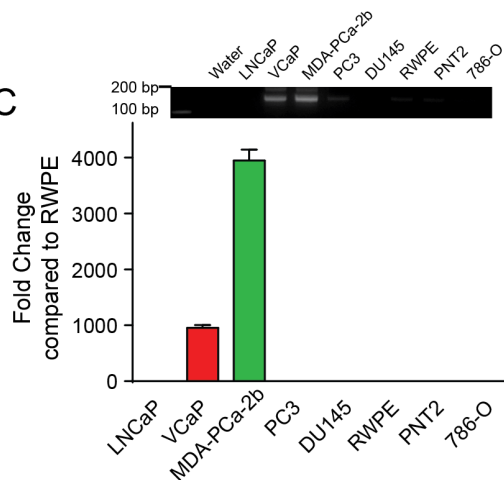
A



B



C



D

Genomic organization of *PCAT14* major transcript variant

Exon 1 `tgatcAATAAATACTGAGGGAACCTCAGAGACCGGTGCGGCGCGGGTCTCCATATGCTGAGCGCCGGTCCCCTGGGCCACTTTTCTTTCTCTATACTTTGICTCTGTTGTCTTTCTTTCTCAAGTCTCTCGTTCCACCTGAGGAGAAATGCCACAGCTGTGGAGGCGCAGGCCACTCCATCTGGTGCCCAACGTGGATGCTTTTCTCTAGGGTGAAGGACTCTCGAGTGTGGTCATTGAGGACAAGTCAACGAGAGATTCCCAGTACGTCTACAGTGAGCCTTG`
TGgtaagct Splice donor site

Splice acceptor site

Exon 2 `tctagGGTGAAGGTACTCTACAGTGTGGTCATTGAGGACAAGTTGACGAGAGAGTCCCAAGTACGTCCACGGTCAGCCTTGCCGgtaagc` Splice donor site

Splice acceptor site

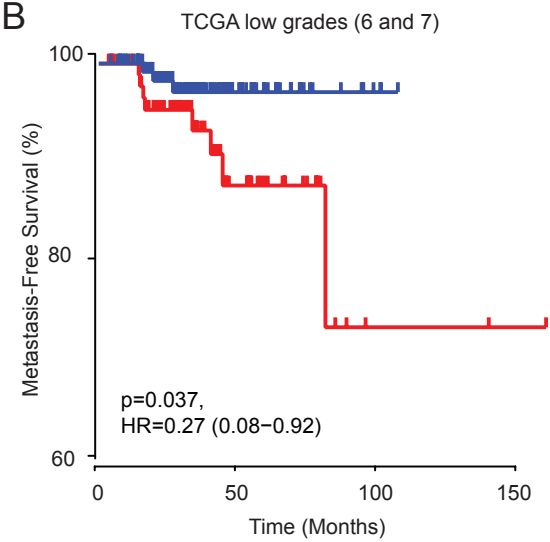
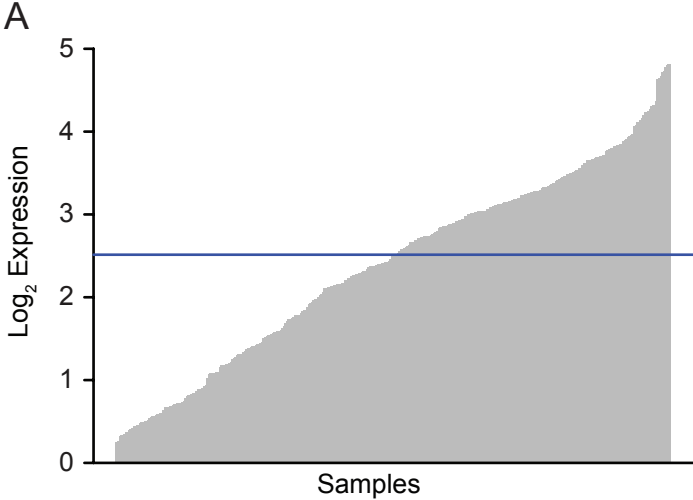
Exon 3 `cactagACATTTAAAGTTCTACAATGAACTCACTGGAGATGCAAAGAAAAGTGTGGAGATGGAGACACCCCAA`
TCGACTCGCCAGgtaaac Splice donor site

Splice acceptor site

Exon 4 `ttgttagTCTACAGGTGTATCCA GCAGCTCCAAAGAGACAGCAACCAGCAAGAATGGGCCATAGTGACGATGGTGGTTTTGTCAAAAAGAAAAGGGGGGATATGTAAGGAAAAGAGAGATCAGACTTTCAGTGTCTATGTAGAAAAGGAAGACATAAGAACTCCATTTTGATCTGTACTAAGAAAAATTGTTTTGCCTTGAGATGCTGTTAATCTGTAACTTTAGCCCCAACCTGTGCTCACGGAAACATGTGCTGTAAGGTTAAGGGATCTAGGGCTGTGCA`
GGATGTACCTTTAACAATATGTTTGCAGGCAGTATGTTTGGTAAAAGTCATCGCCATTCTCCATTCTCGATTAACACAGGGCTCAATGCACCTGTGAAAGCCACAGGAACCTCTGCCAAGAAAAGCTGTGCTGTTGTGGGAA
GTCAGGGACCCCGAATGGAGGGACCAGCTGGTGTGCATCAGGAAACATAAATTGTGAAGATTTCTTGGAC
ATTTATCAGTTTCCAAAATTAATACTTTTATAATTTCTTACACCTGTCTTACTTTAATCTCTTAATCCTGTTAT
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TGTTTGAACAATATGAAATCAGTGCACCTTGAAAATGAACAGAATAACAGTGATTTTAGGGAAACAAAGGAA
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GGGAAAGAAATTGCATTCCTGGGGGAGGTCTATAAACGCCCGCTCTGGGAGTGTCTGTCTTATGTTGATA
GATAAGGACTGAGATACGCCCTGGTCTCCTGCAAGTACCCTCAGGCTACTAGGATTTGGGAAACCCAGTCTT
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TTAAAAATCCCTAATAAA AACTGCTGGTTTTGTGGCTCAGGGGGCATCATGGAC Caaaaaaaaa

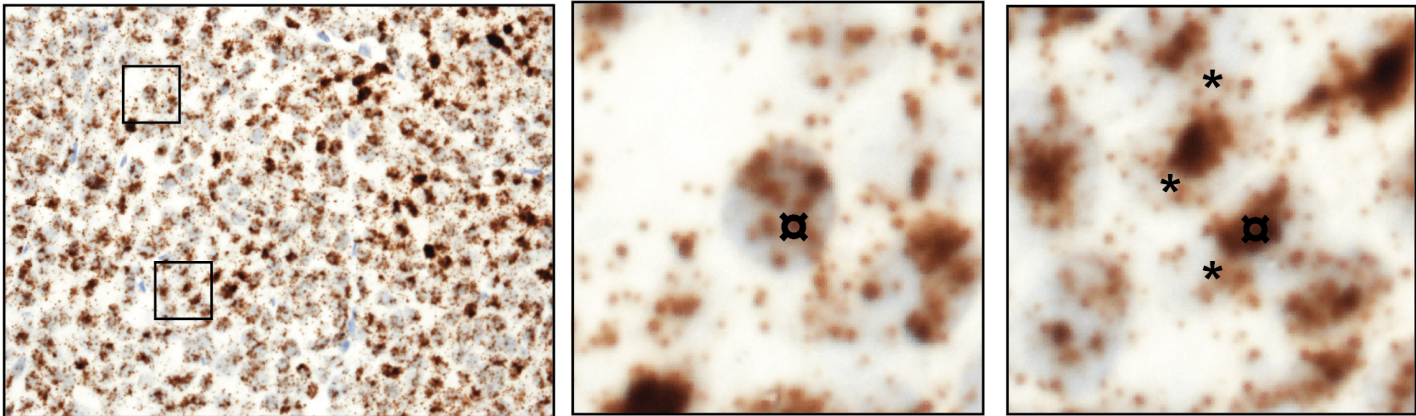
Polyadenylation signal sequence Polyadenylation

Supplementary Figure 3



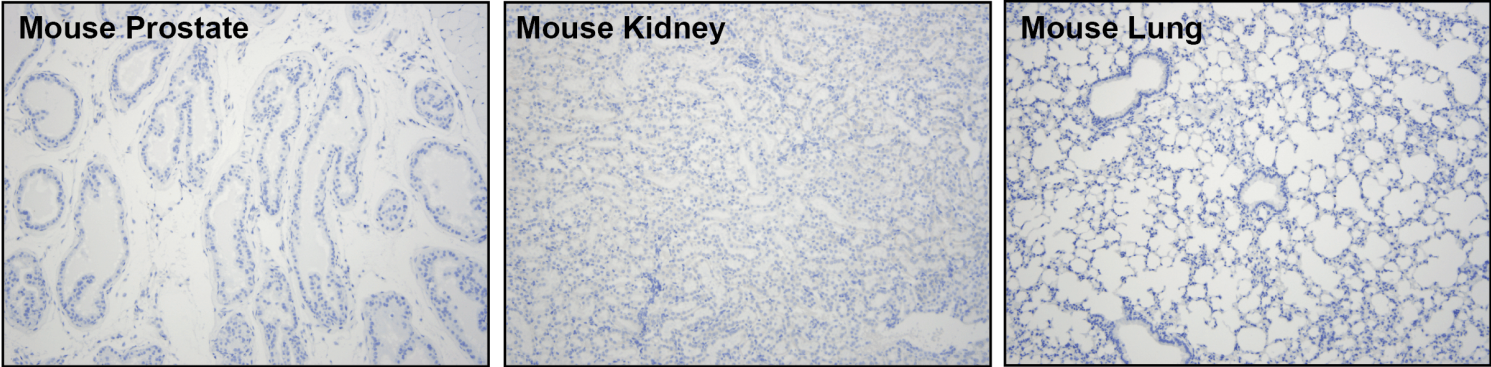
Supplementary Figure 4

A MDA-PCa-2b Xenograft



☐ Nuclear Staining * Cytoplasmic Staining

B



Supplementary Figure 5

