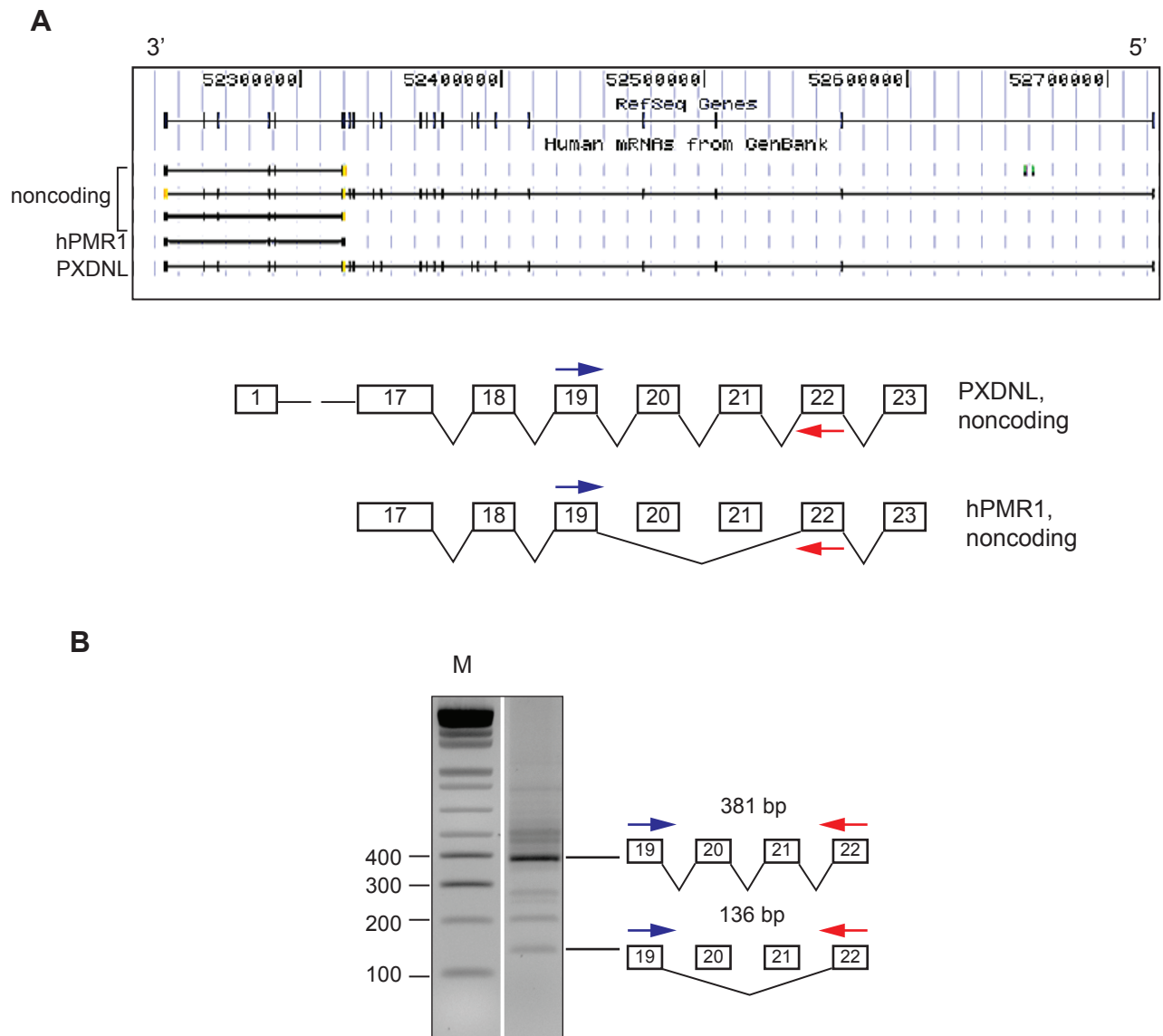




Supplementary Figure S2. RT-PCR analysis of PXDNL transcripts. **A.** The PXDNL gene and its transcripts from the UCSC genome browser is shown with the transcripts that encode hPMR1 and PXDNL indicated. The remaining transcripts are non-coding as a result of transcription initiating downstream of the first AUG, a premature termination codon, or an included intron. The transcript encoding hPMR1 can be differentiated from that of PXDNL by skipping of exons 20 and 21 that encode the C-terminal von Willebrand type C domain. These differences are also present in the non-coding transcripts so this analysis can only indicate the presence of multiple PXDNL transcripts. **B.** The primers in exons 19 and 22 indicated in A were used for RT-PCR analysis of poly(A) RNA recovered from U2OS cells. Splicing of exons 19-22 is predicted to generate the indicated 381 bp product and skipping of exons 20 and 21 is predicted to generate the indicated 136 bp product. The additional bands were not identified, but their size is consistent with alternative splicing of the intervening exons.