

SUPPLEMENTARY MATERIALS L. G. ZAVILEYSKIY, ET AL. "CLASSIFICATION AND QUANTIFICATION OF UNPRODUCTIVE SPLICING EVENTS"

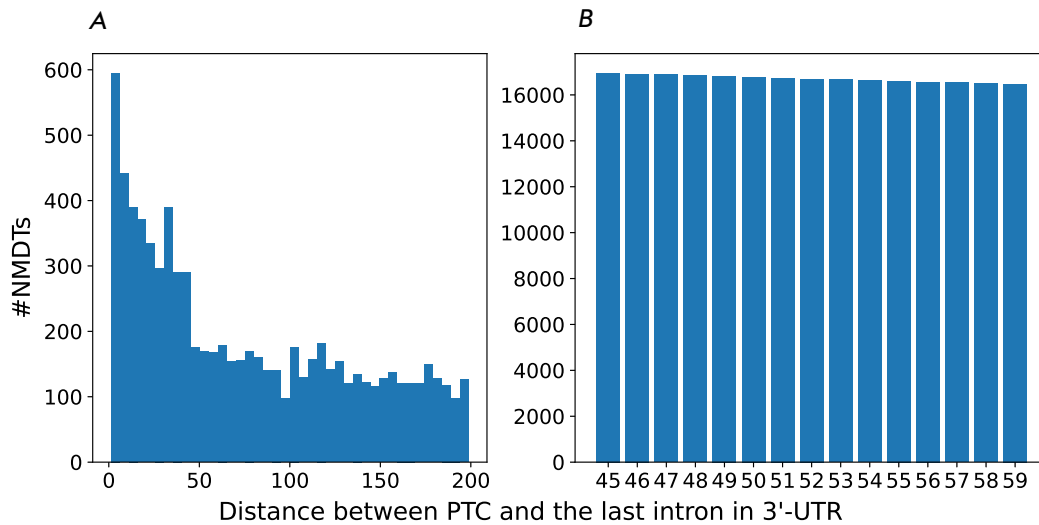


Fig. S1. Histogram of the distances between the stop codon and the last intron in the 3'-UTR of annotated human transcripts (A). The number of predicted NMDTs as a function of the chosen threshold for the distance from the stop codon to the intron (B)

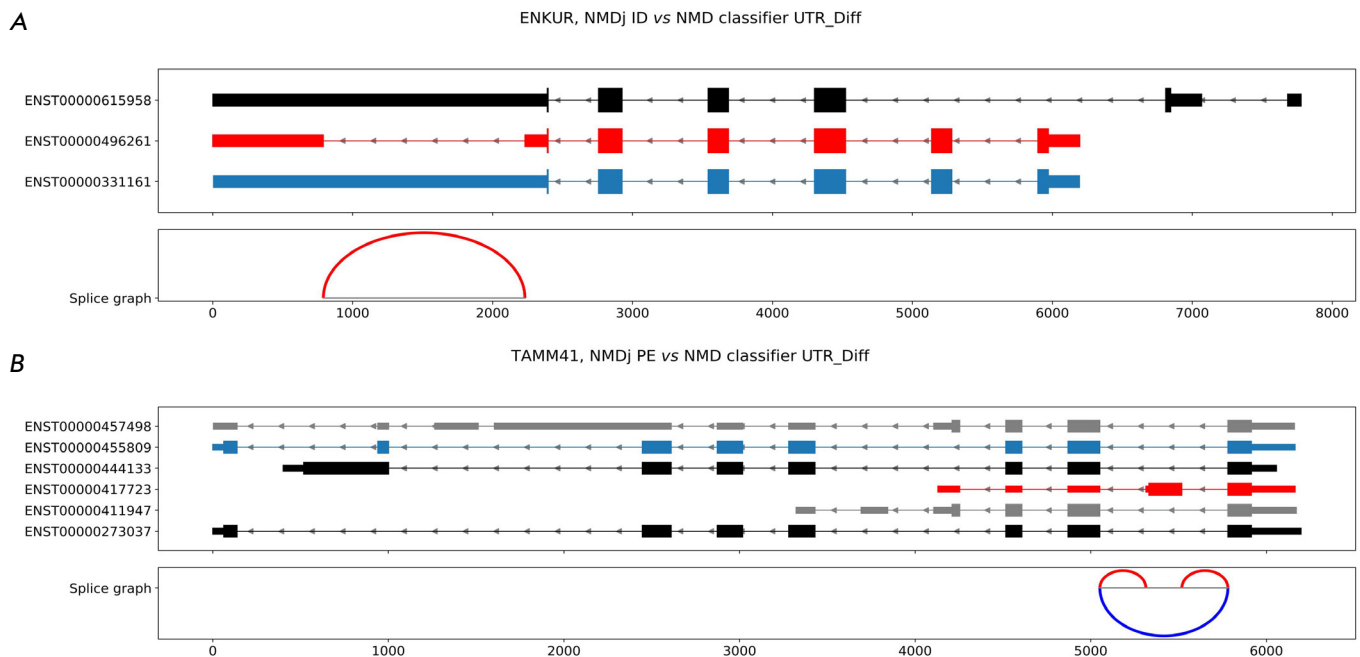


Fig. S2. Examples of a detailed classification of AS events categorized as UTR_Diff by NMD Classifier: intron retention (A) and poison exon (B). MANE-Select transcripts are shown in blue, NMDTs of interest are in red, other NMDTs and protein-coding transcripts are in gray and black, respectively

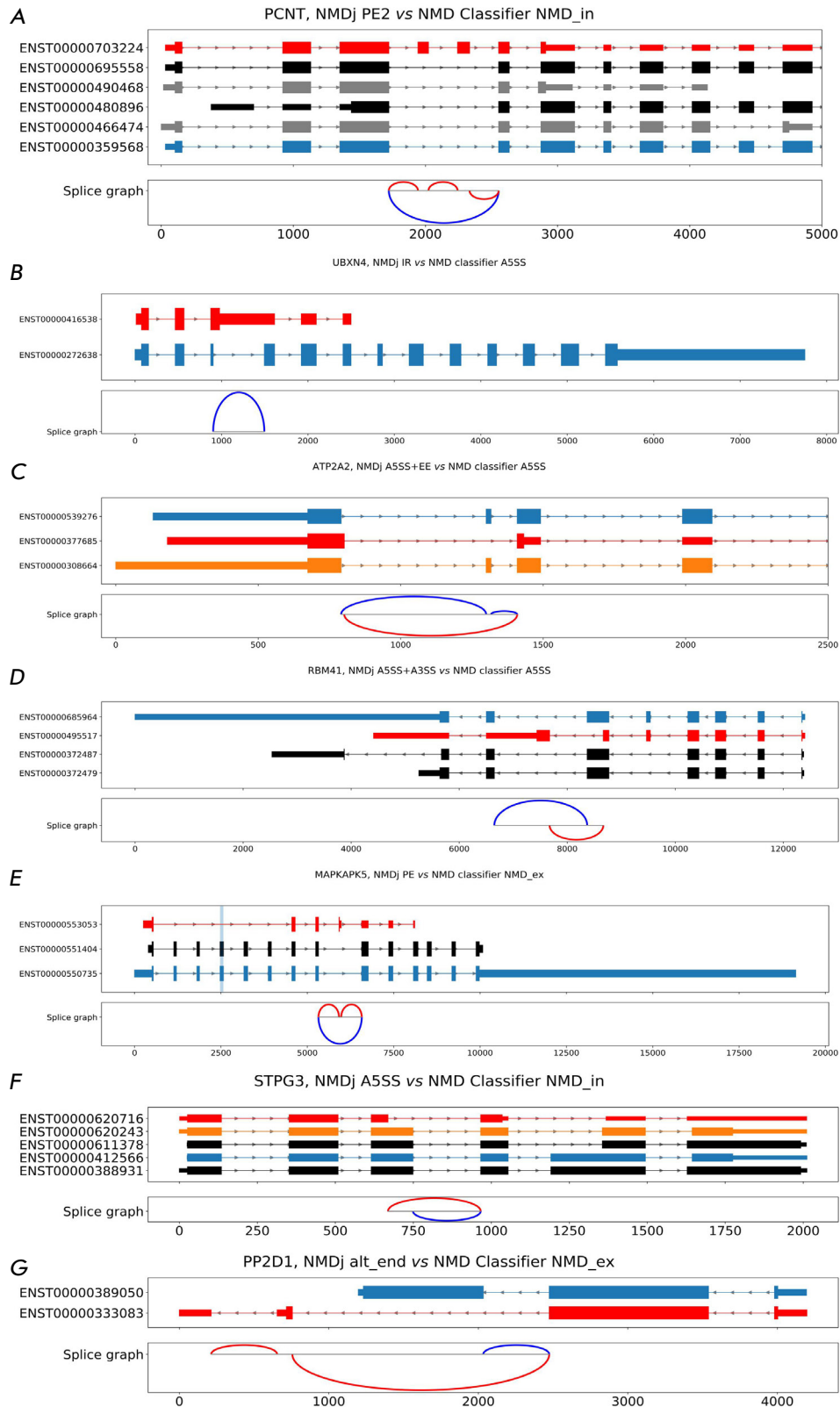


Fig. S3. Examples of misclassification by NMD Classifier. MANE-Select transcripts are shown in blue, NMDTs of interest are in red, other NMDTs and protein-coding transcripts are in gray and black, respectively. Best partner transcripts are shown in orange in the case where they are not similar to the MANE-Select transcript