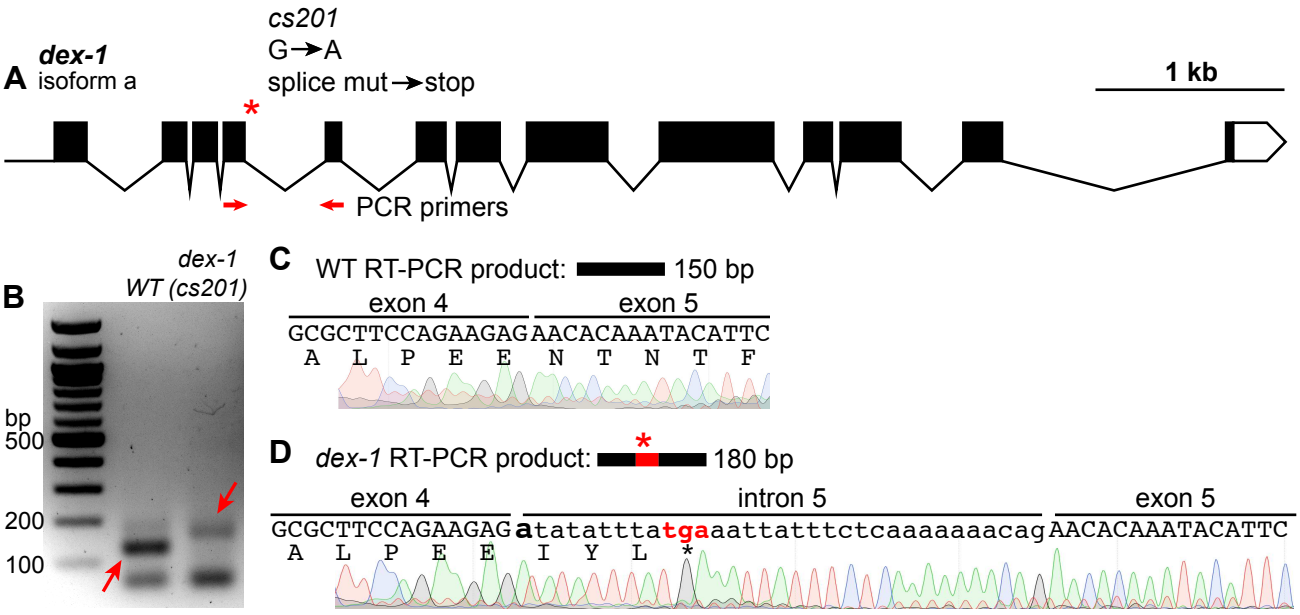

Figure S3. RT-PCR of *dex-1(cs201)*

A) Gene model of *dex-1a* showing *cs201* mutation and primers (arrows) used for PCR and sequencing. All other *dex-1* splice isoforms also include exons 4 and 5 (Wormbase). B) RT-PCR results. Sequenced PCR products are indicated by red arrows. C) Sequencing results across the exon 4 – exon 5 junction in WT. cDNA sequence; top. Amino acid sequence; middle. Sequencing trace results; bottom. D) Sequencing results across the exon 4 – exon 5 junction in *cs201*. A 33 bp intronic sequence was included before splicing to exon 5 from a cryptic splice donor. We also sometimes detected lower abundance products corresponding to unspliced (genomic) sequence (data not shown). Both the spliced and unspliced products detected in *dex-1(cs201)* included the stop codon shown in panel D.