4.1 - Segment Graph

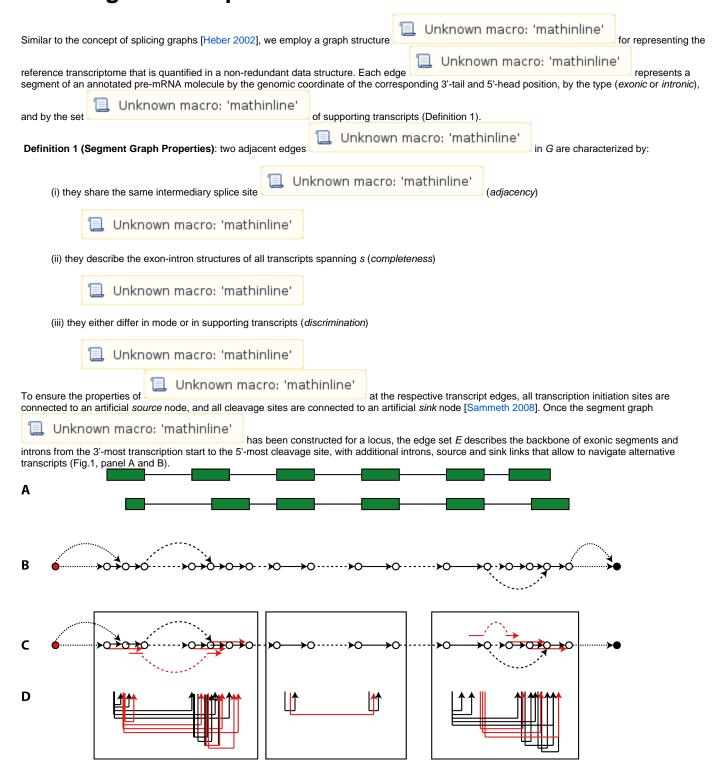


Figure 1: segment graph inferred on an alternatively spliced locus. (A) The exon-intron structure of a locus with two alternative transcripts. (B) Segment graph elements with links by exonic edges shown as solid arrows, links by intronic edges as dashed arrows, and source/sink links as dotted arroes. (C) Expansion of the segment graph by super-edges coalesced from adjacent exon segments or from splice junctions. (D) Super-edges formed by paired-end mappings within the bounds of the three windows marked, to keep (super-) edge combinations within graphical resolution bounds.