



Read Length Splicing

Nicolas Balcazar

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K. Reinert and S. Andreotti

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Outline

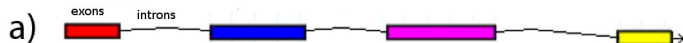
Read Length Splicing Results



Motivation

- ▶ Spliced Read Mappers: more complex
- ▶ Always necessary?

What are Spliced Reads?



Typical reads mapping exon/exon junctions





Data

- ▶ Human mRNA
- ▶ 57650 reads
- ▶ Lengths: 10 – 800 bp
- ▶
- ▶ 28825 genes



Analysis

- ▶ Bowtie
- ▶
- ▶ 2 mismatches or less
- ▶ No splice handling
- ▶ No quality scores



Outline

Read Length Splicing Results

