

4. If x or y was negative, we set that density to zero and redid the regression for the remainig isoforms

5. We multiplied by 10^9 / total mappable reads to get a number in RPKM (reads per kilobase and million mappable sequences)

6. To get a number for the gene, we summed RPKM values for the isoforms

Supplemental Figure 6. Gene expression for genes with multiple mRNA isoforms

How gene expression from genes with multiple annotated isoforms was calculated. For simplicity, a case where only two isoforms are expressed is shown, but the algorithm was used also for cases with more isoforms.