A screenshot of a computer

Description automatically generated

With decent certainty the exon-XM\_037690078.1-1 is being expressed due to the peaks in the UTR, it is assumed that it is expressing something downstream because of the way that it is heading. According to exon-XM\_037678021.1-10 there is a possibility that it is being expressed but it’s not 100% due to the shallow peaks expressed above. We can see the peaks in our data and that is showing the ATAC-seq data while the more linear lines are the RNA-seq. The peaks are showing the expression of genes and the wider lines are the exons while the thinner lines in-between are the introns. They are looking at sort of different things, ATAC being spikes in the open chromatin and RNA being intron/exon interactions.