

1 STX3

The gene is a member of the syntaxin family. The encoded protein is targeted to the apical membrane of epithelial cells where it forms clusters and is important in establishing and maintaining polarity necessary for protein trafficking involving vesicle fusion and exocytosis. Gene is expressed in bat and human and upregulated in both upon EBOV infection. There is a pseudogene with wrong mapping in an intron.

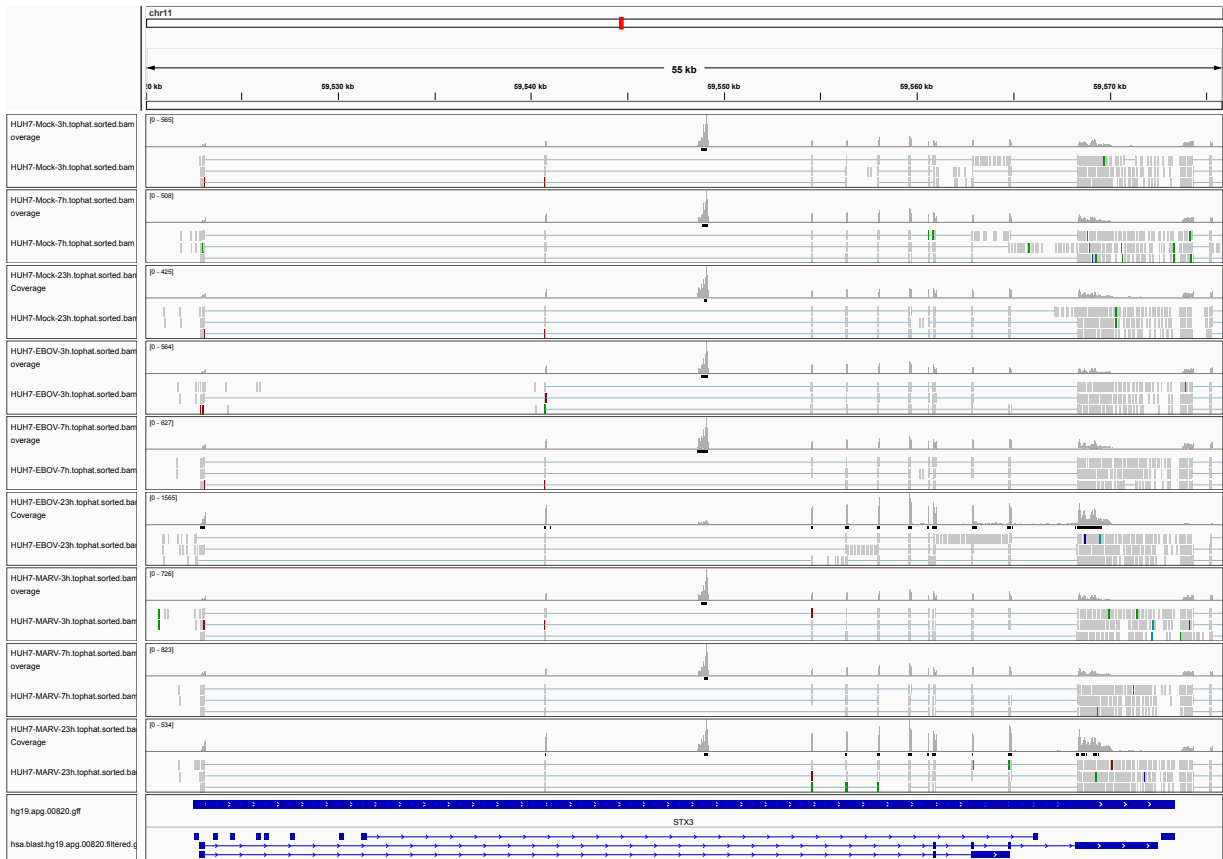


Figure 1: IGV Genome Browser screenshot of gene STX3.

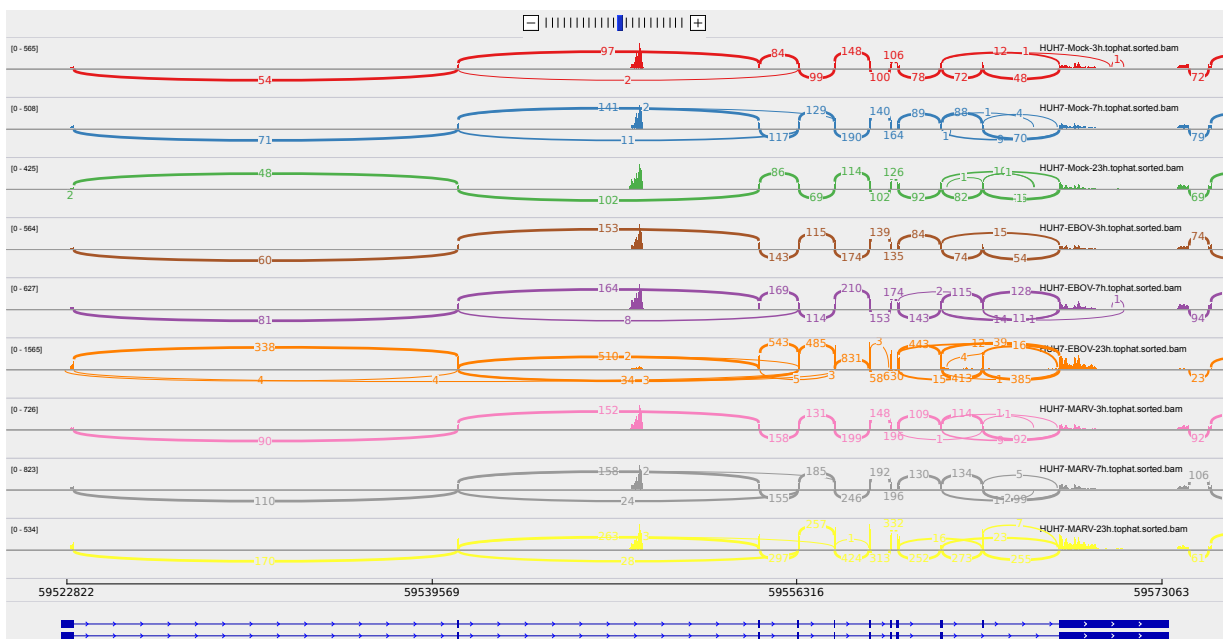


Figure 2: Sashimi plot of gene STX3.

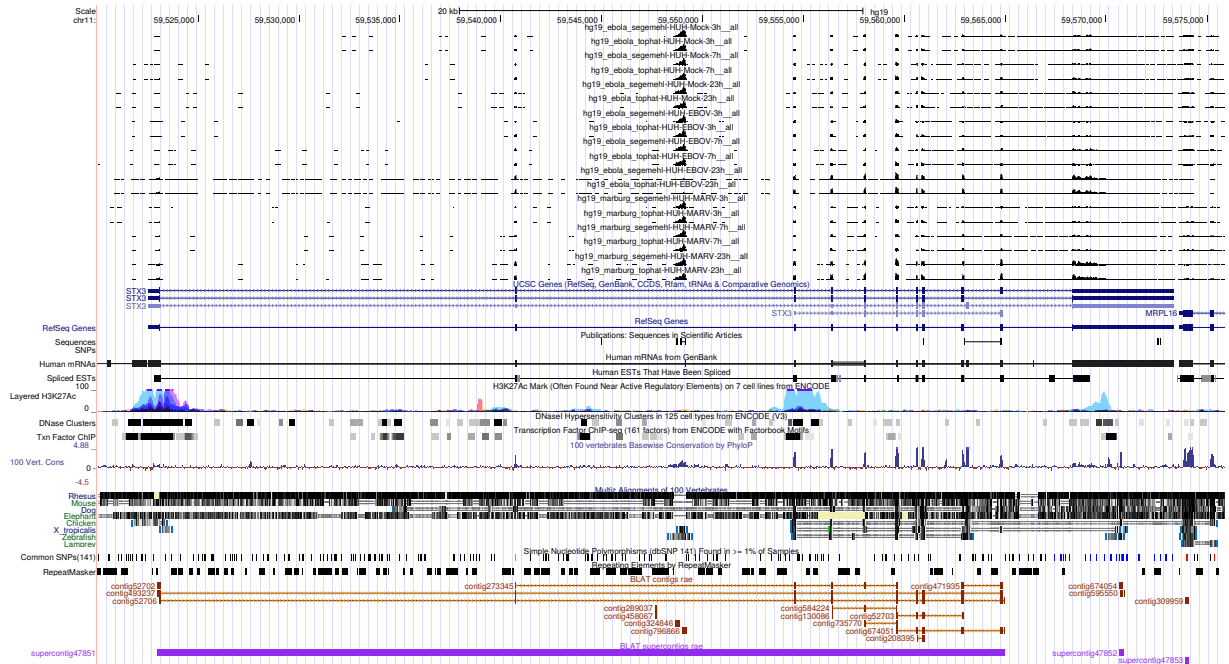


Figure 3: UCSC Genome Browser screenshot of gene STX3.