

# 1 ETF1

This gene encodes a class-1 polypeptide chain release factor. The encoded protein plays an essential role in directing termination of mRNA translation from the termination codons UAA, UAG and UGA. This protein is a component of the SURF complex which promotes degradation of prematurely terminated mRNAs via the mechanism of nonsense-mediated mRNA decay (NMD). Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 6, 7, and X

This genes is rather highly expressed (with a slight increase in later time points of the human Ebola data) and shows a good conservation and transcript hits in the bat transcriptome assembly.

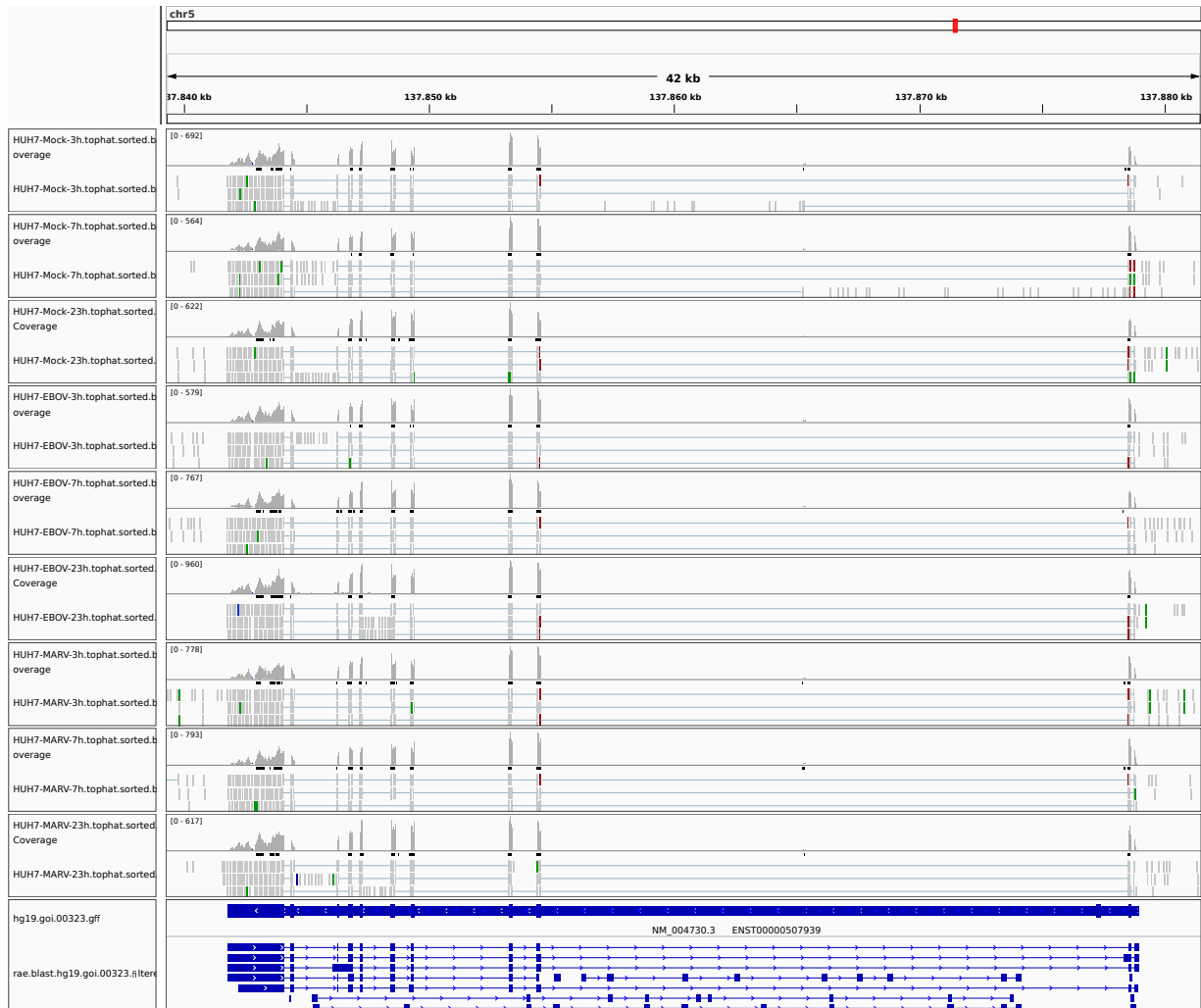


Figure 1: IGV Genome Browser screenshot of gene ETF1.

Figure 2: Sashimi plot of gene ETF1.

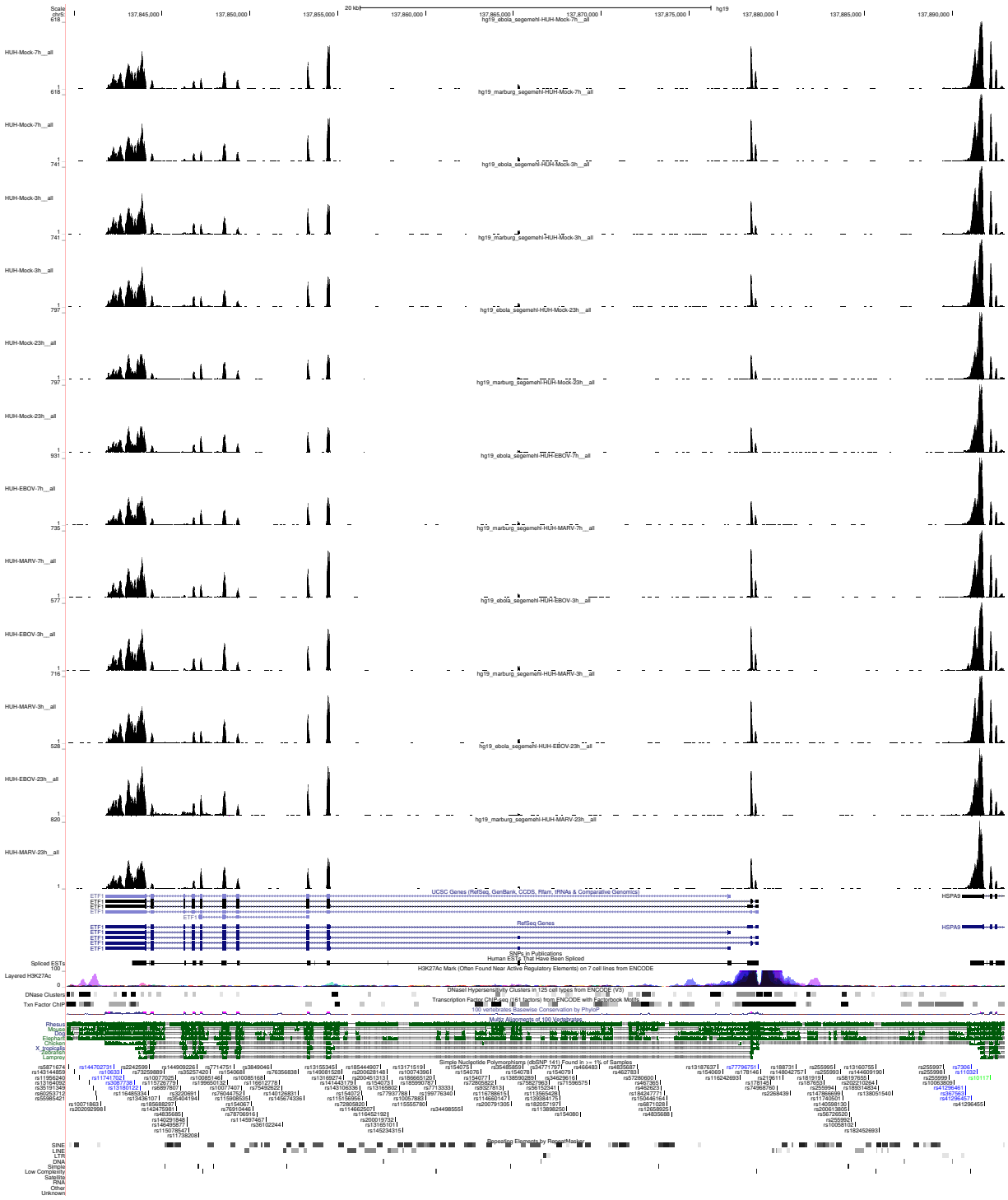


Figure 3: UCSC Genome Browser screenshot of gene *ETF1*.