

# 1 TPP1

This gene encodes a member of the sedolisin family of serine proteases. The protease functions in the lysosome to cleave N-terminal tripeptides from substrates, and has weaker endopeptidase activity. It is synthesized as a catalytically-inactive enzyme which is activated and auto-proteolyzed upon acidification. Mutations in this gene result in late-infantile neuronal ceroid lipofuscinosis, which is associated with the failure to degrade specific neuropeptides and a subunit of ATP synthase in the lysosome.

The gene TPP1 is expressed throughout human and bat datasets, but without significant changes in expression profiles.



Figure 1: IGV Genome Browser screenshot of gene TPP1.

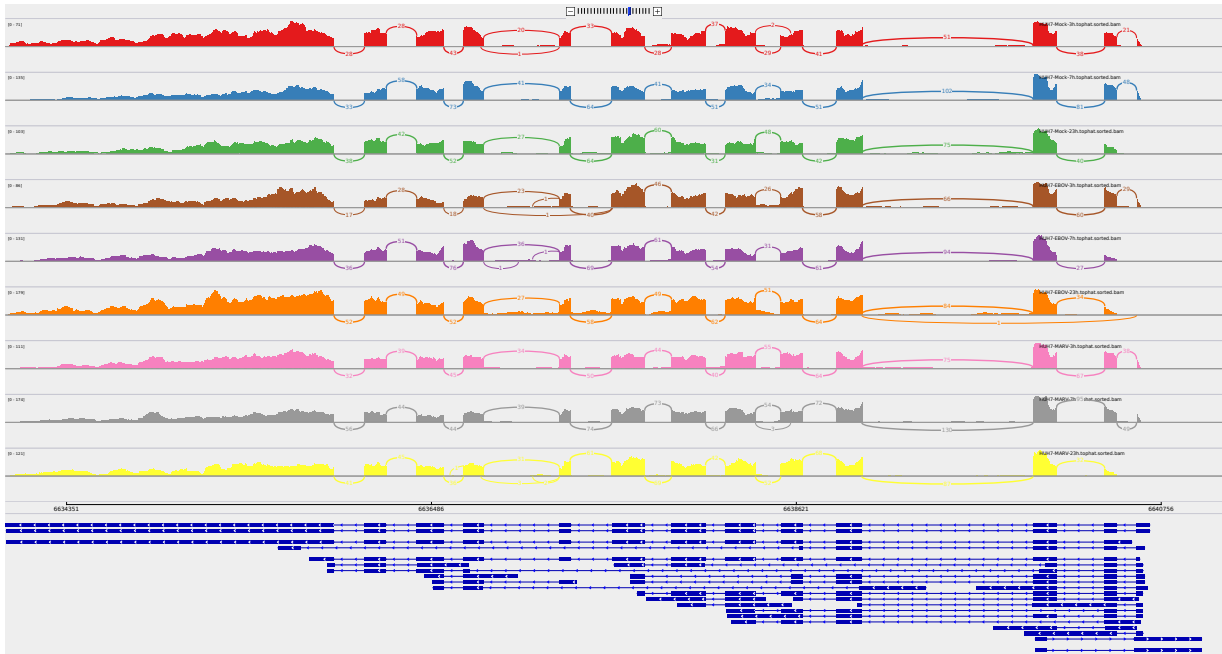


Figure 2: Sashimi plot of gene TPP1.

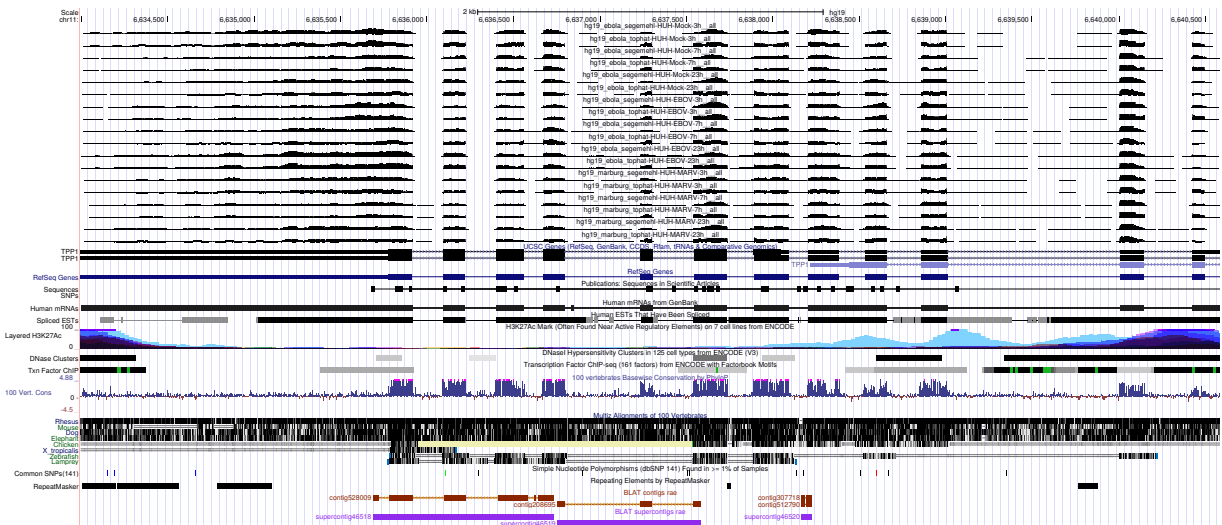


Figure 3: UCSC Genome Browser screenshot of gene TPP1.