

1 RUFY1

The gene RUFY1 is weakly expressed in human and bat datasets but without significant changes in expression levels. This gene encodes a protein that contains a RUN domain and a FYVE-type zinc finger domain. The encoded protein binds to phosphatidylinositol-3-phosphate (PI3P) and plays a role in early endosomal trafficking, tethering and fusion through interactions with small GTPases including Rab4, Rab5 and Rab14. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. (provided by RefSeq, Dec 2011)

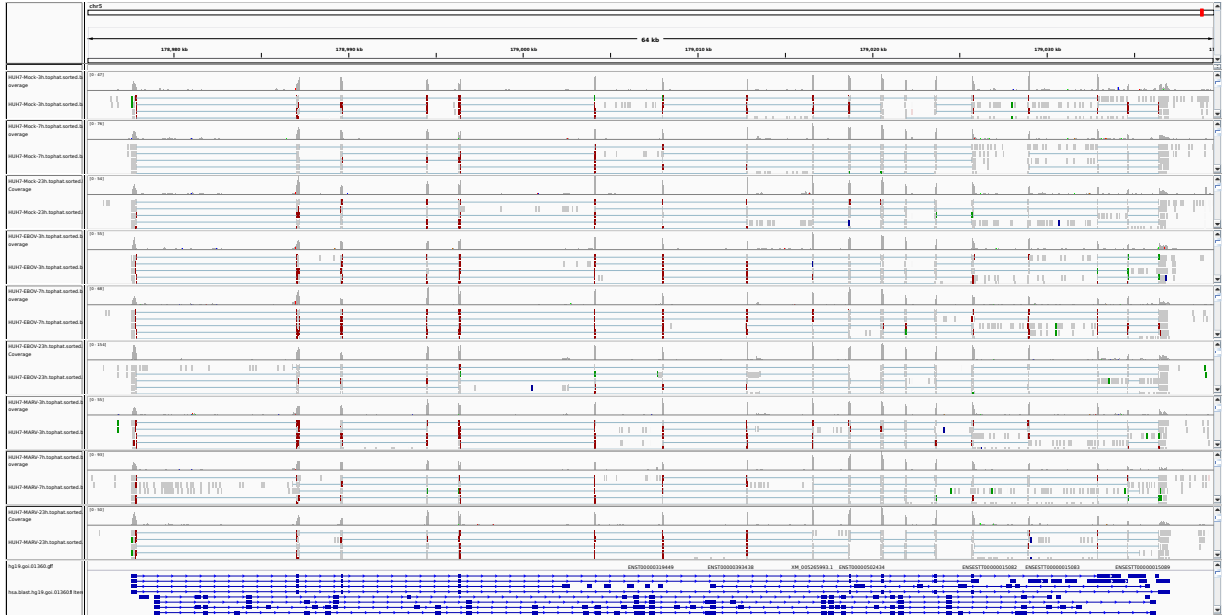


Figure 1: IGV Genome Browser screenshot of gene RUFY1.

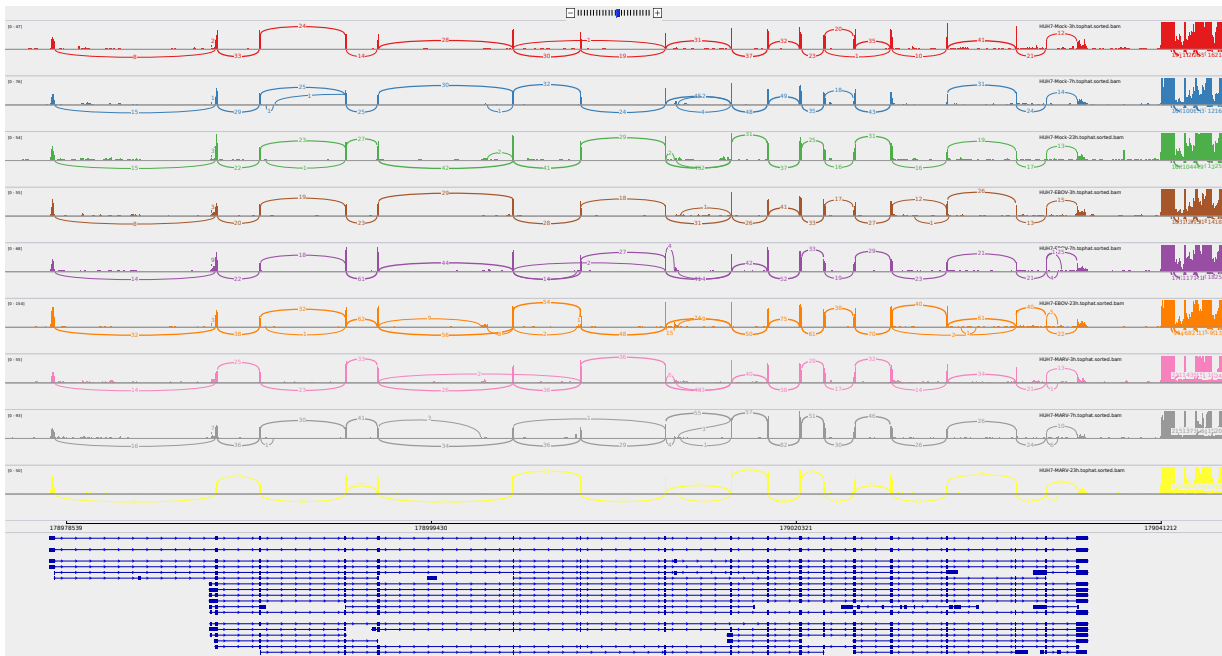


Figure 2: Sashimi plot of gene RUFY1.

Figure 3: UCSC Genome Browser screenshot of gene RUFY1.