

1 VAV3

This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. Very lowly expressed in human, with decrease in MARV 23h. No bat homolog found.

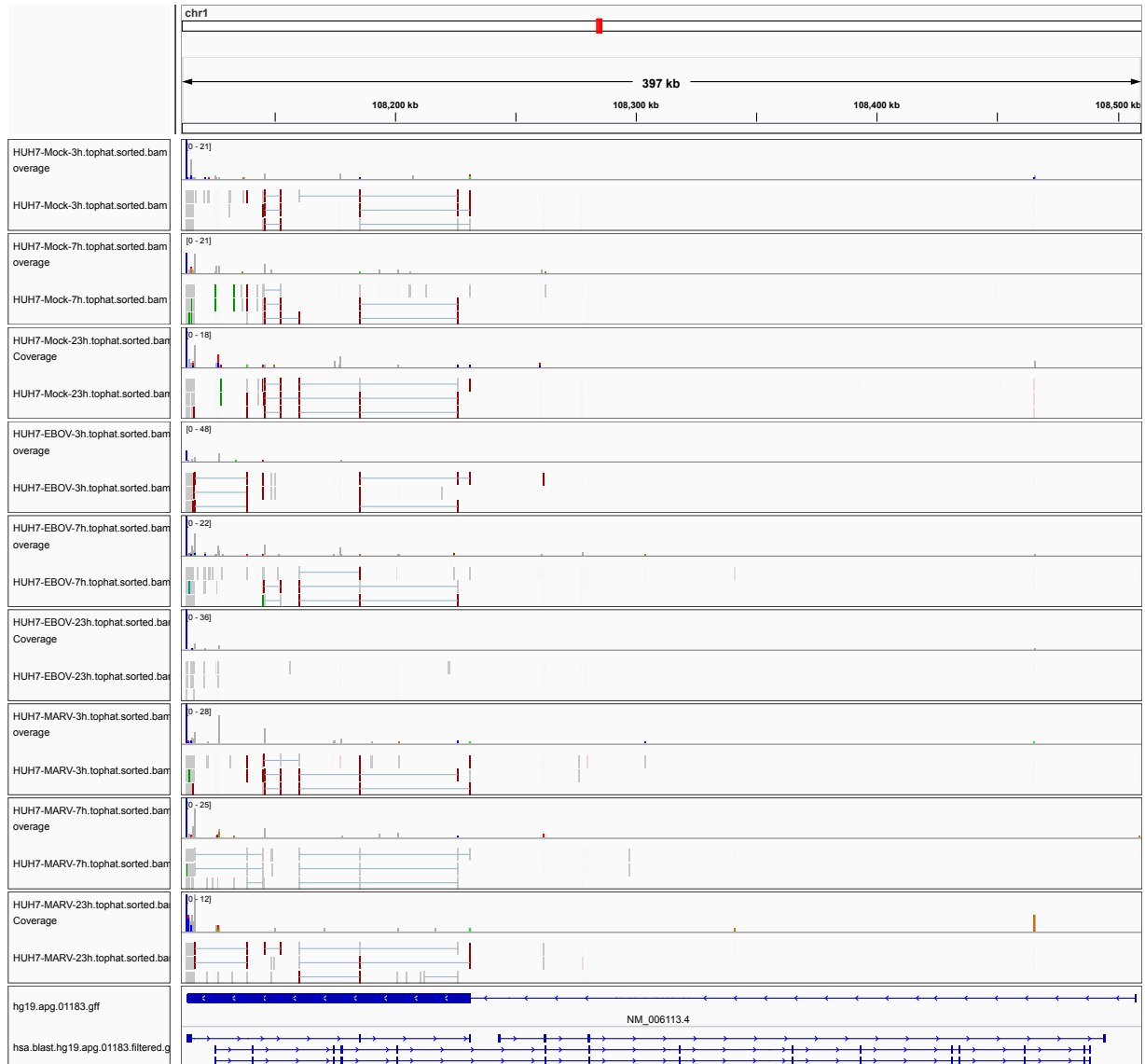


Figure 1: IGV Genome Browser screenshot of gene VAV3.

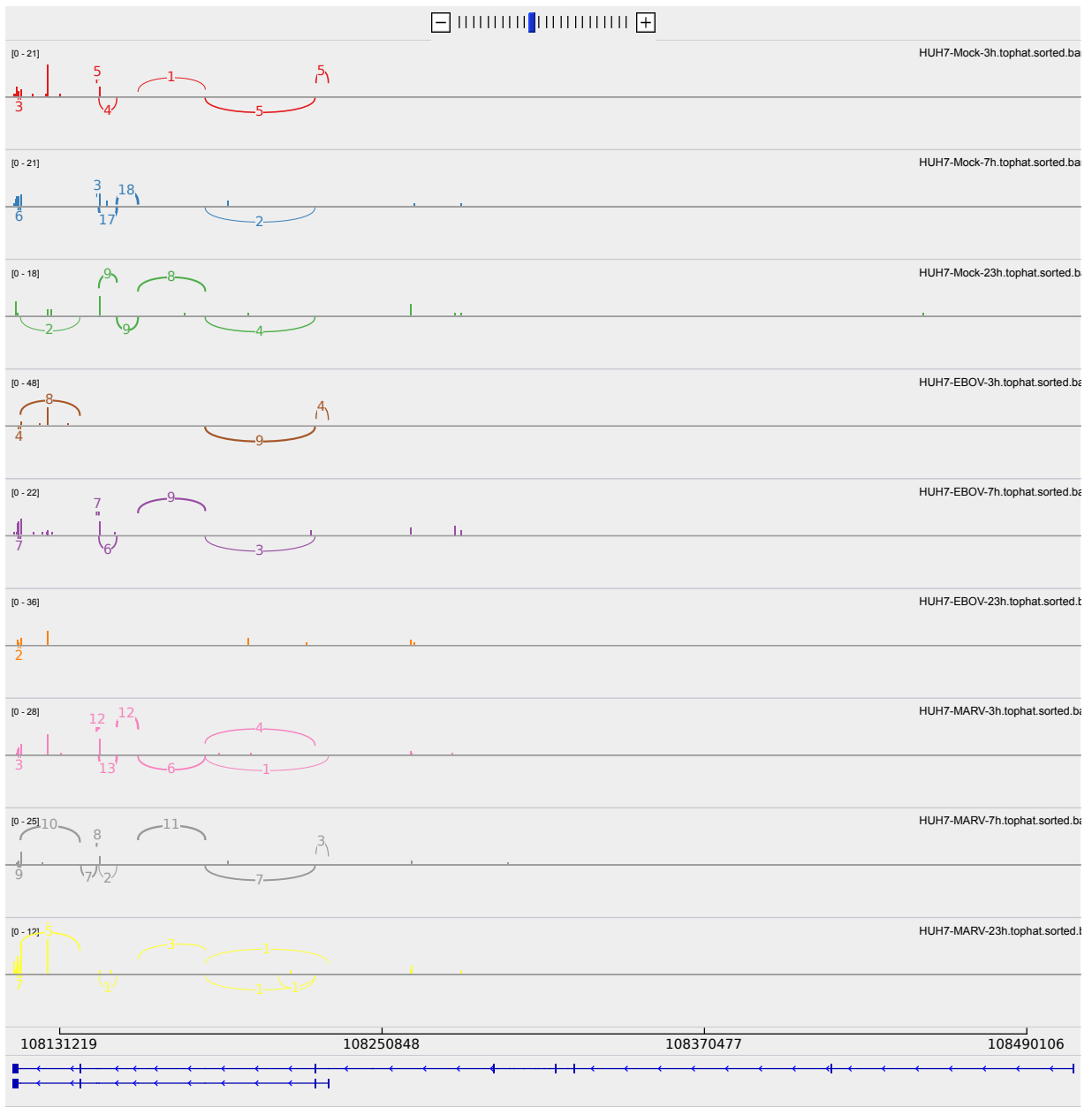


Figure 2: Sashimi plot of gene VAV3.

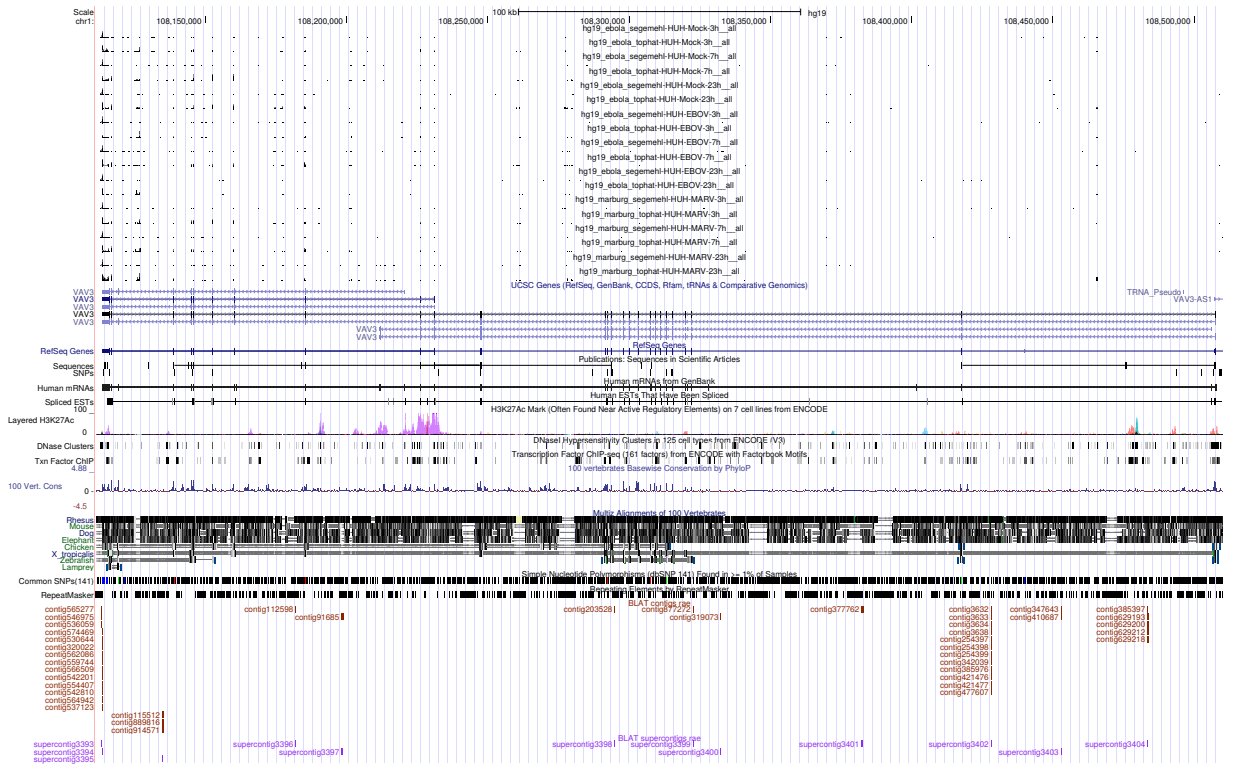


Figure 3: UCSC Genome Browser screenshot of gene VAV3.