

# 1 MAP2

The gene MAP2 is weakly expressed throughout human datasets without significant changes in expression levels. This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. (provided by RefSeq, Jan 2010)

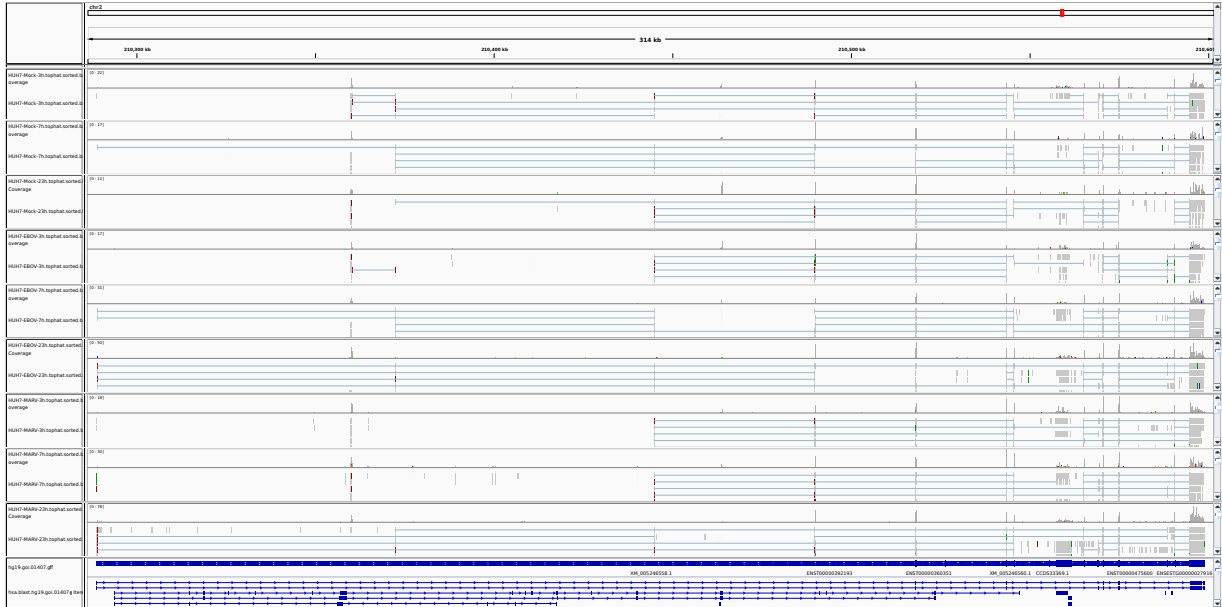


Figure 1: IGV Genome Browser screenshot of gene MAP2.

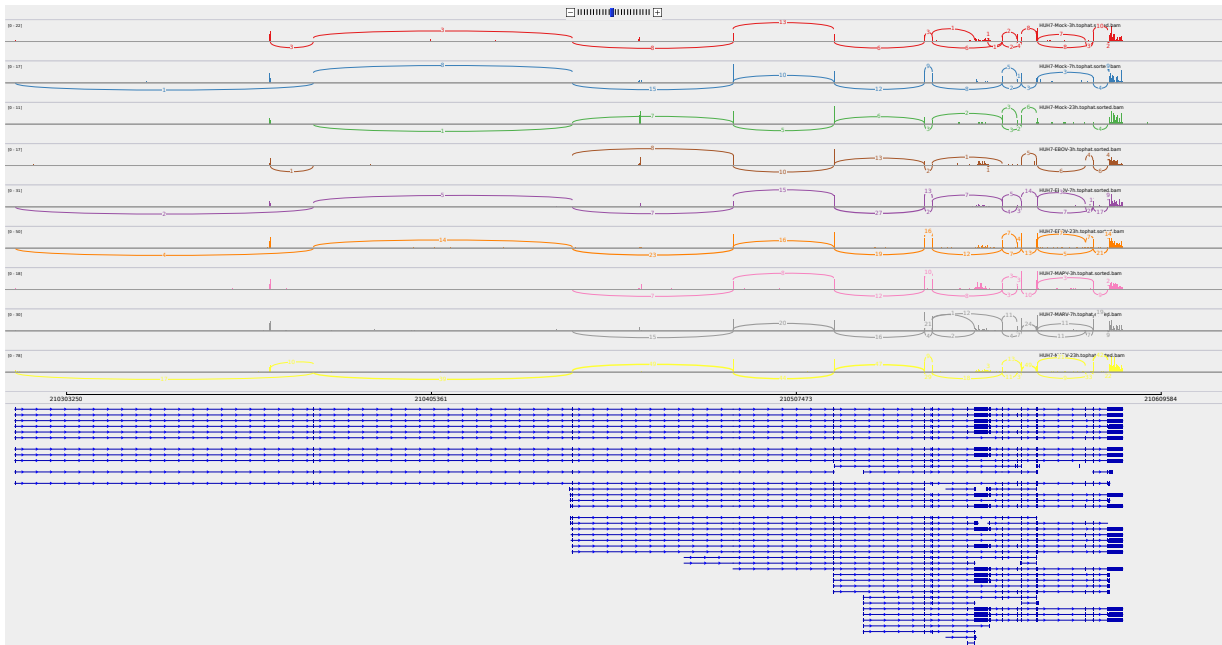


Figure 2: Sashimi plot of gene MAP2.

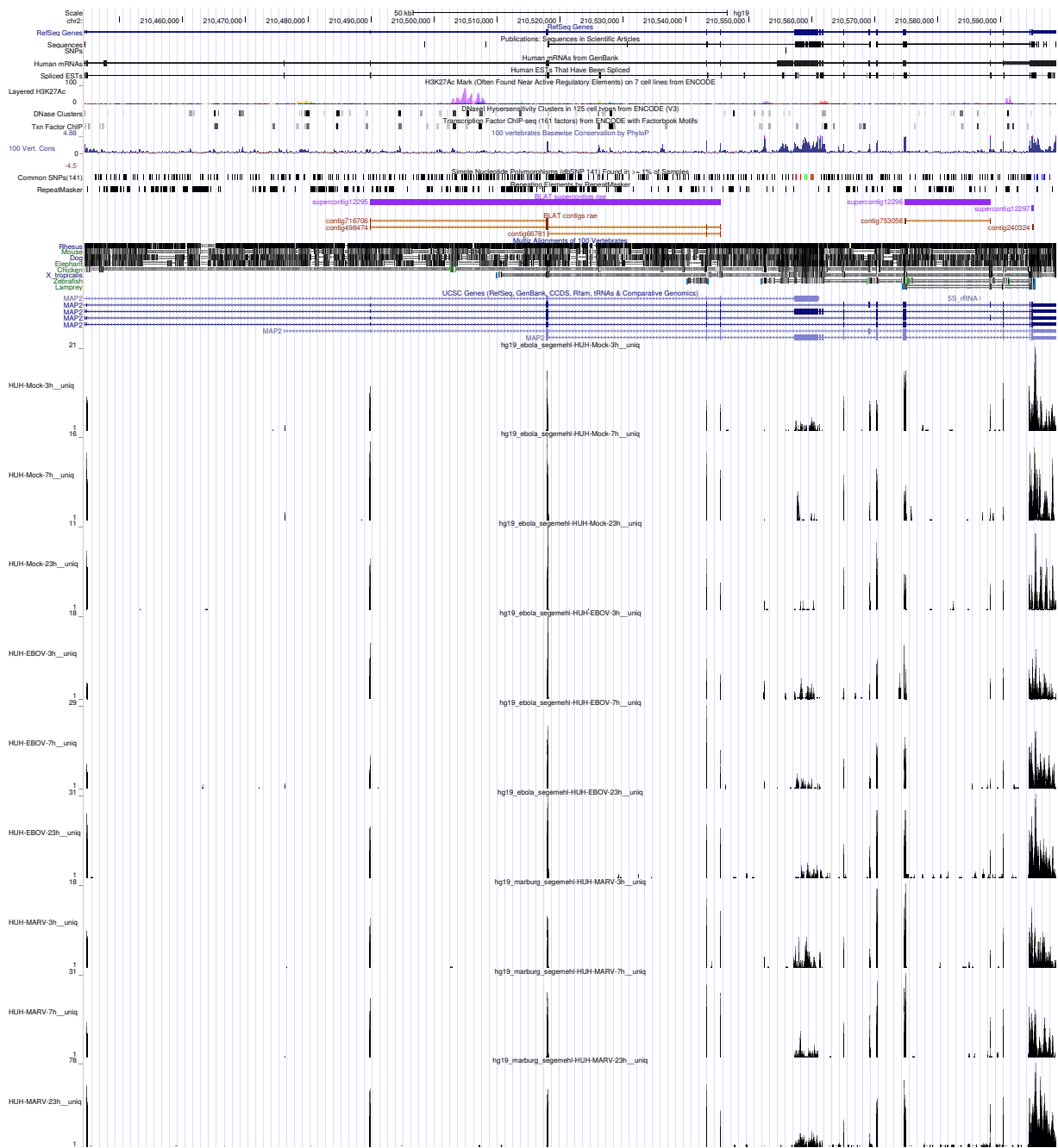


Figure 3: UCSC Genome Browser screenshot of gene MAP2.