

1 P2RY6

The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor, which is a G-protein coupled receptor, is responsive to UDP, partially responsive to UTP and ADP, and not responsive to ATP. It is proposed that this receptor mediates inflammatory responses. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

The gene is low expressed in human, and shows no expression in bat throughout datasets. Reads terminate > 6000 nt after annotated 3'UTR end.

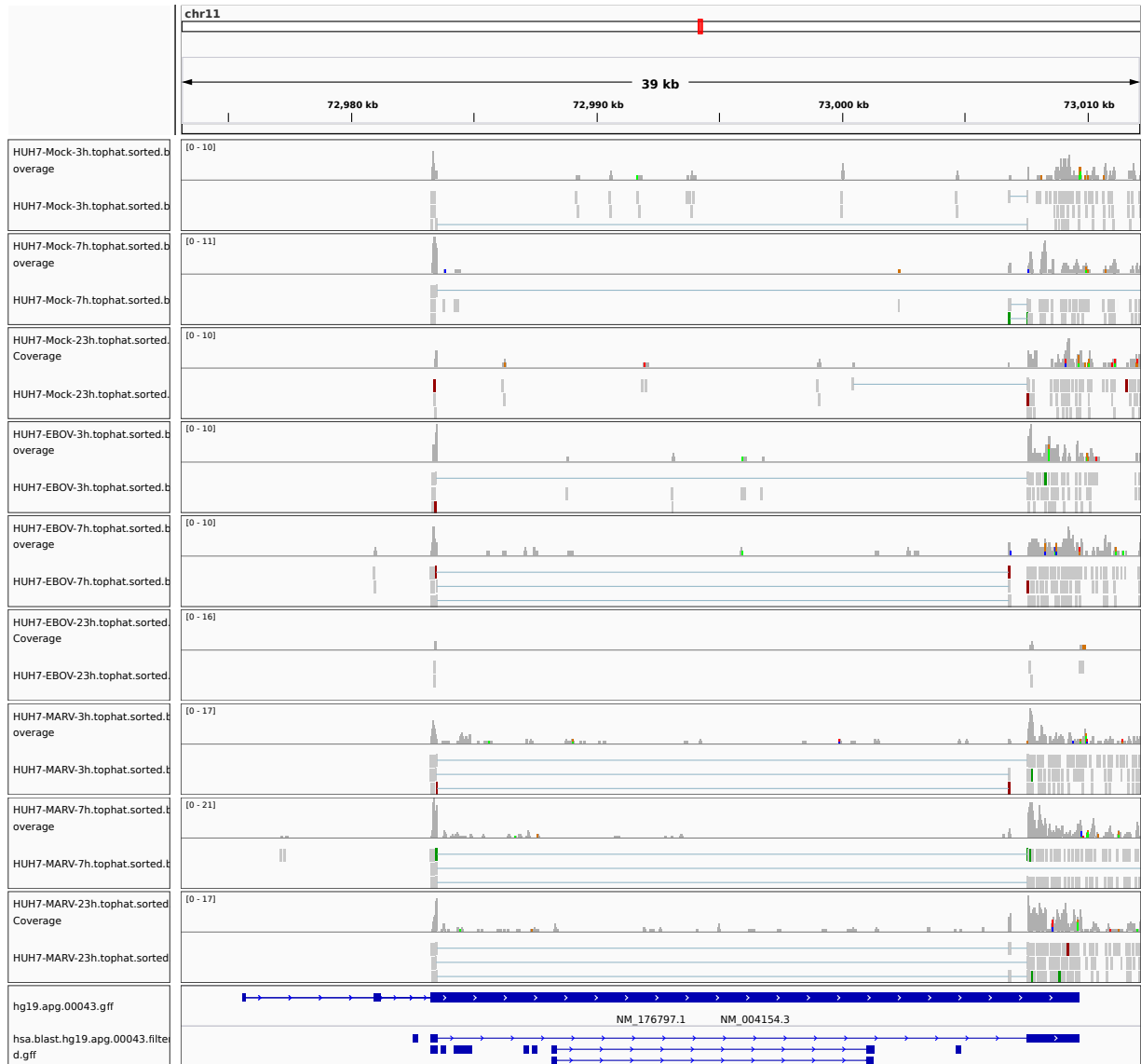


Figure 1: IGV Genome Browser screenshot of gene P2RY6.

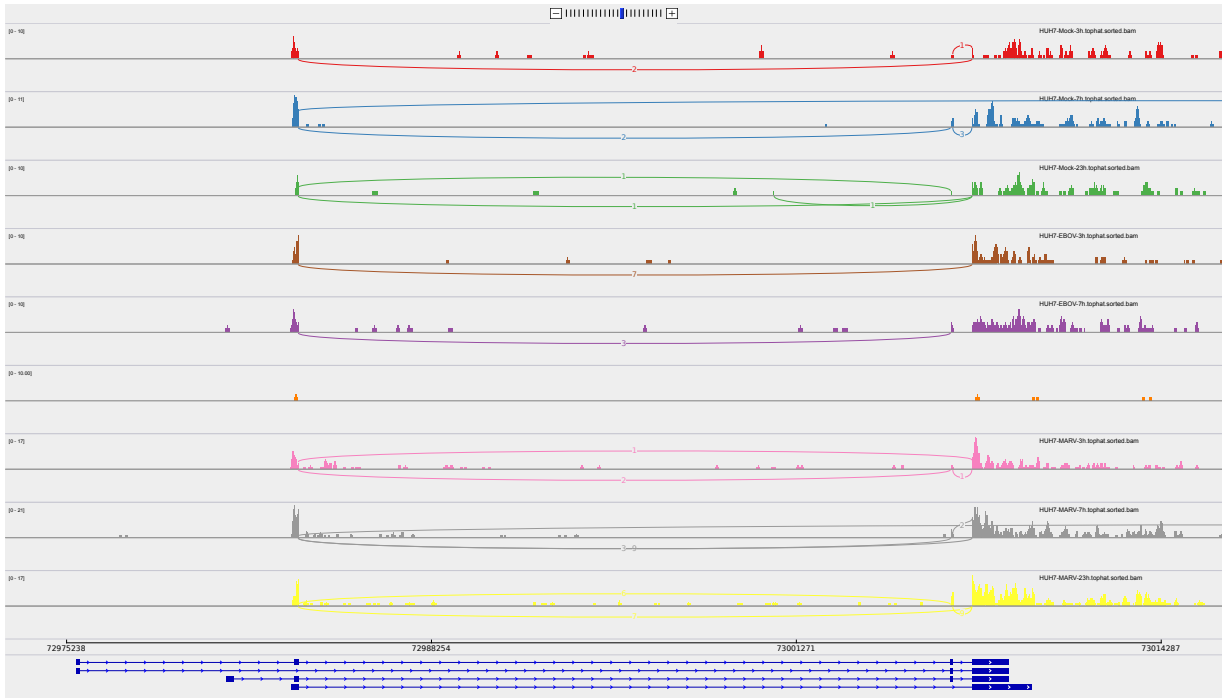


Figure 2: Sashimi plot of gene P2RY6.

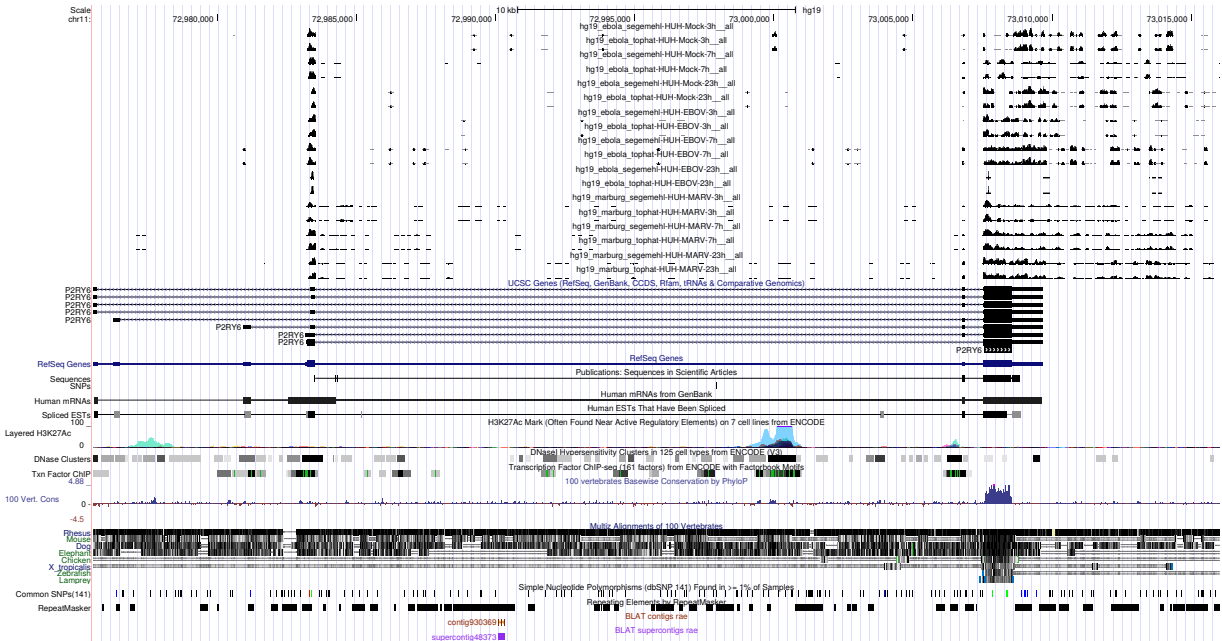


Figure 3: UCSC Genome Browser screenshot of gene P2RY6.