1 TDO2

Homo sapiens tryptophan 2,3-dioxygenase (TDO2), mRNA. This gene encodes a heme enzyme that plays a critical role in tryptophan metabolism by catalyzing the first and rate-limiting step of the kynurenine pathway. Increased activity of the encoded protein and subsequent kynurenine production may also play a role in cancer through the suppression of antitumor immune responses, and single nucleotide polymorphisms in this gene may be associated with autism.

Very low expression in human and no homolog found in bat.

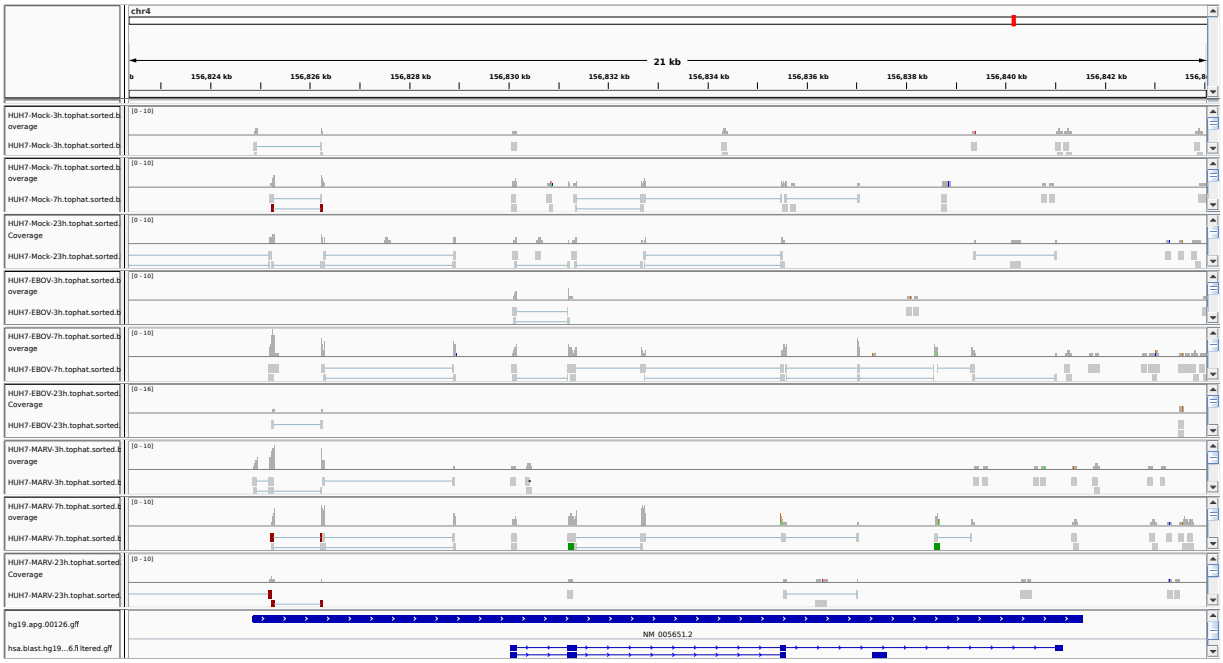

Figure 1: IGV Genome Browser screenshot of gene TDO2.

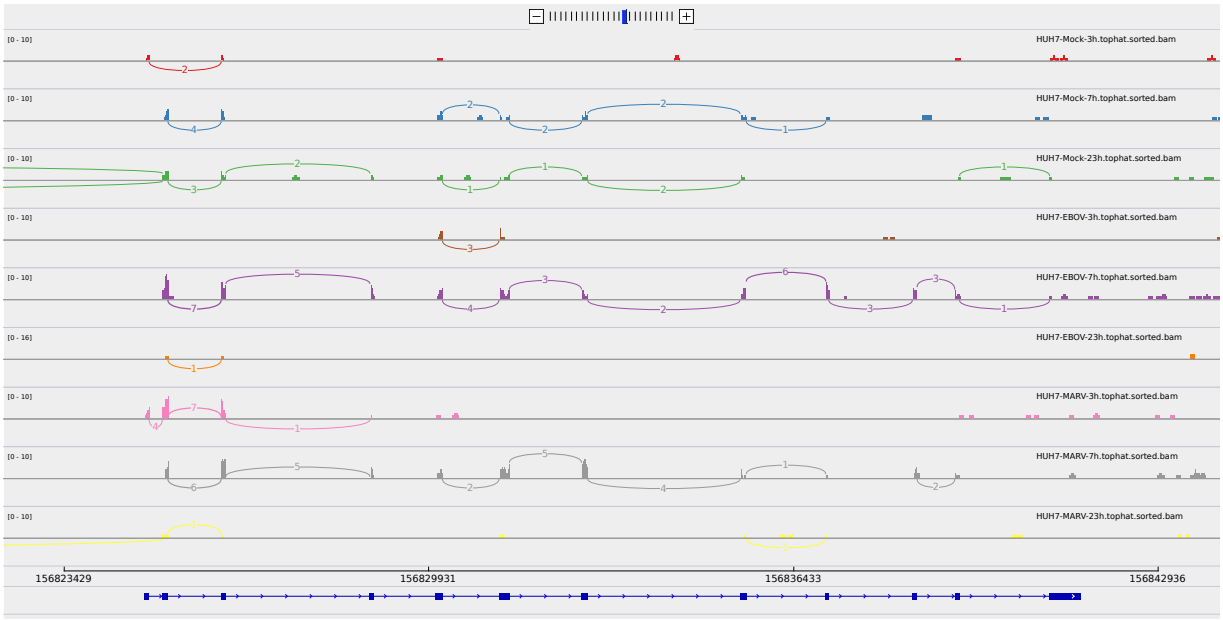

Figure 2: Sashimi plot of gene TDO2.

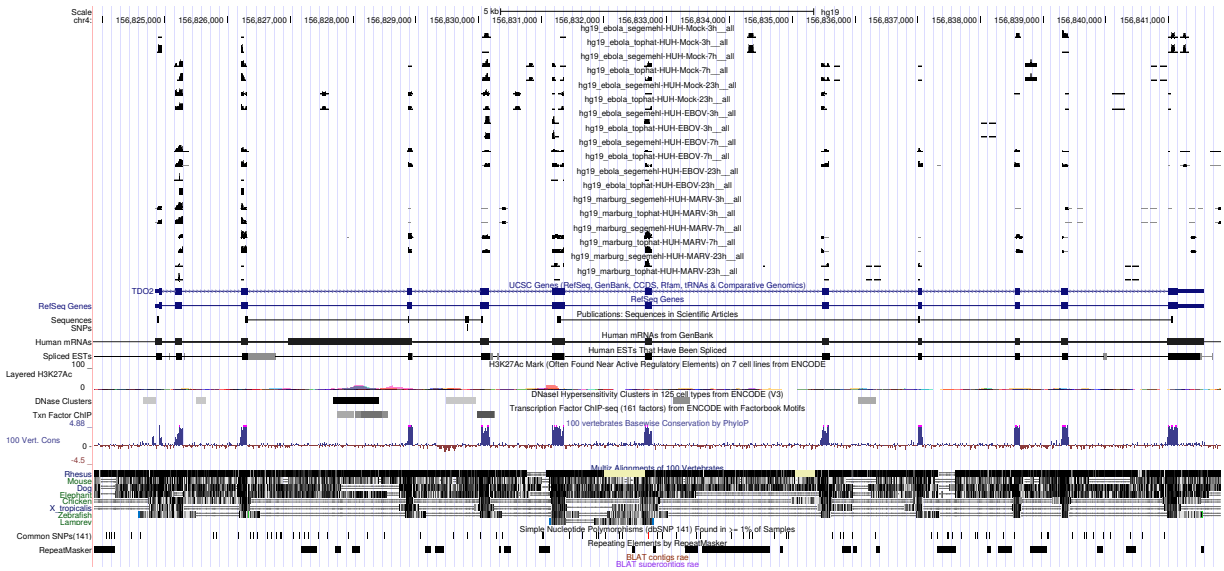

Figure 3: UCSC Genome Browser screenshot of gene TDO2.