# 1 LDLRAP1

The protein encoded by this gene is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. The PTD domain has been found to interact with the cytoplasmic tail of the LDL receptor. Mutations in this gene lead to LDL receptor malfunction and cause the disorder autosomal recessive hypercholesterolaemia. The first exon seems to be less expressed in human EBOV and MARV 23h, where the gene is also downregulated. In bat, the gene is downregulated in early EBOV infection, and upregulated in late MARV infection. The first exons also appears to be even further downregulated in bat EBOV 23h.

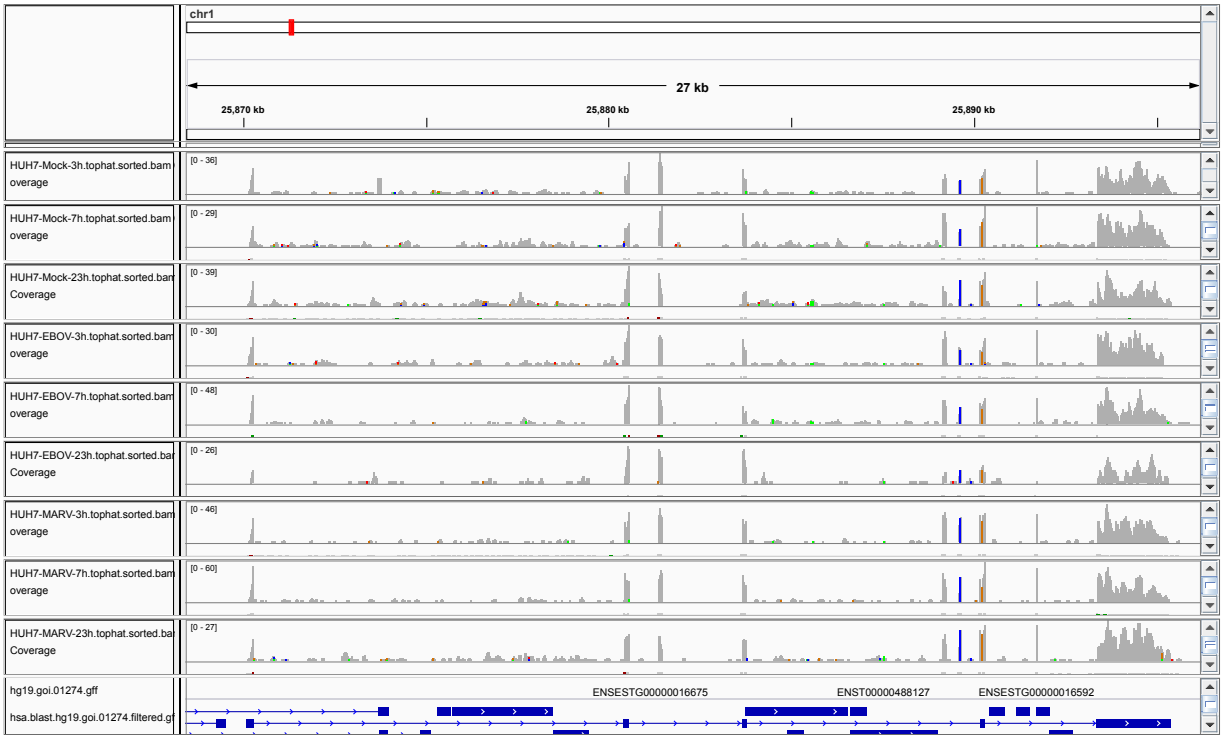


Figure 1: IGV Genome Browser screenshot of gene LDLRAP1.

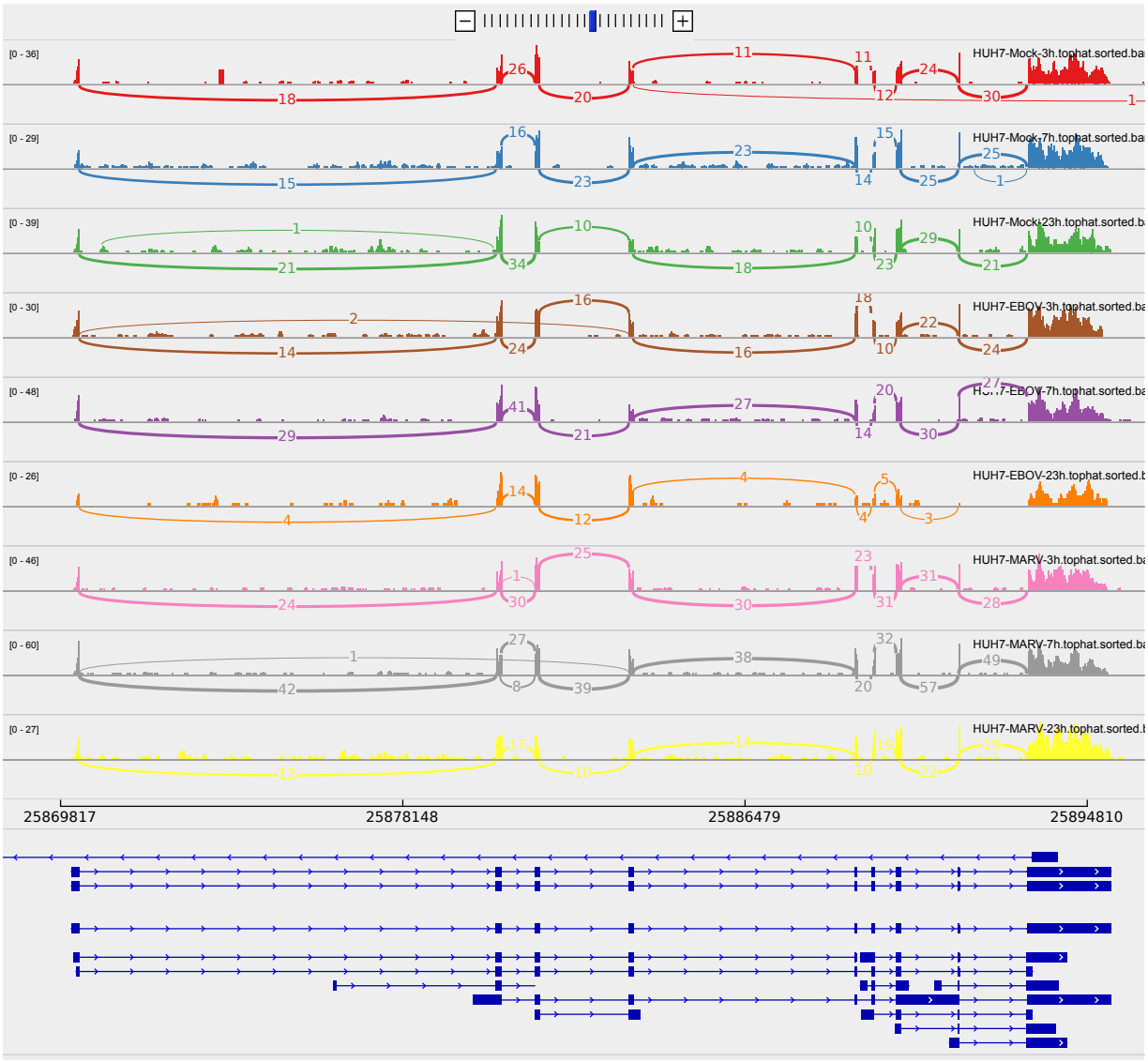


Figure 2: Sashimi plot of gene LDLRAP1.

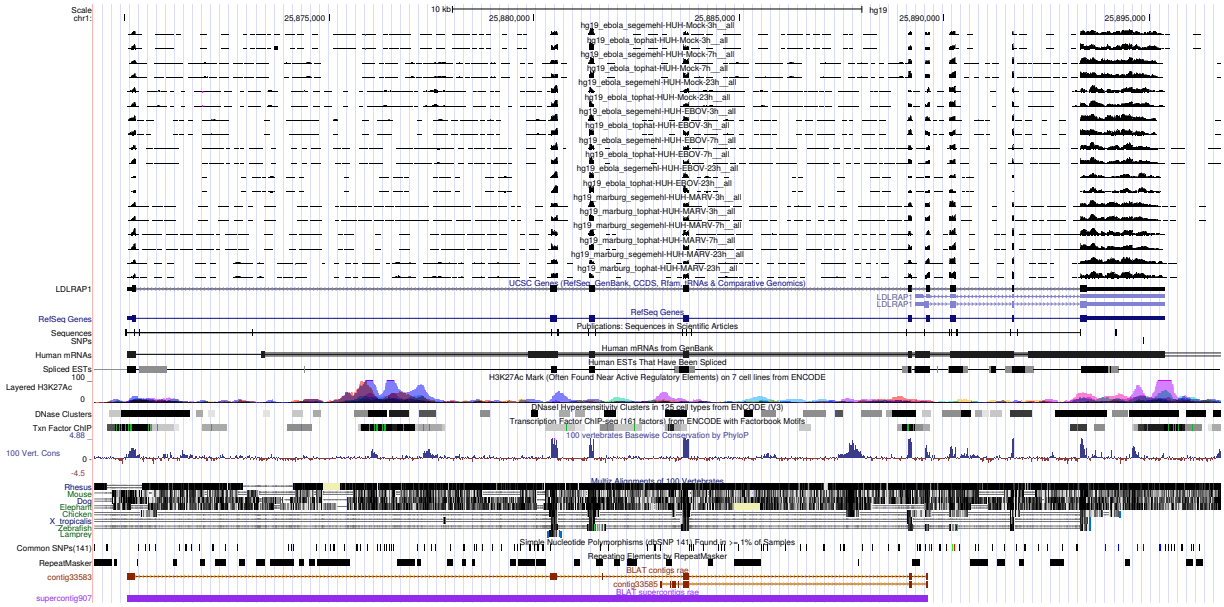


Figure 3: UCSC Genome Browser screenshot of gene LDLRAP1.