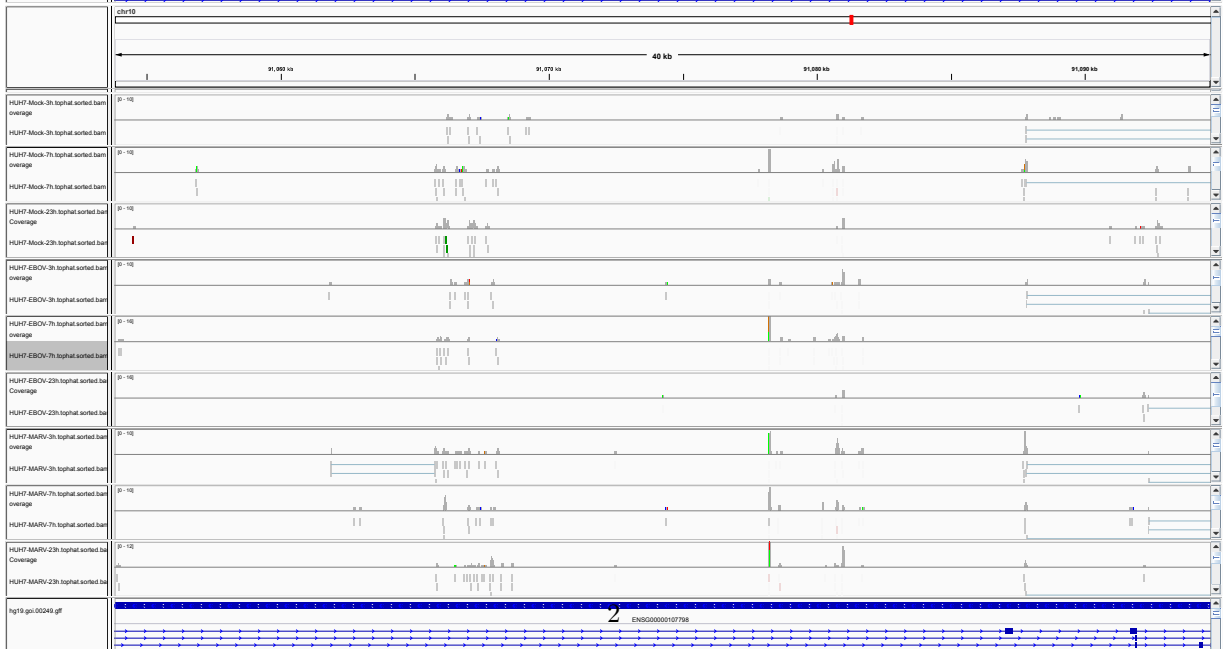
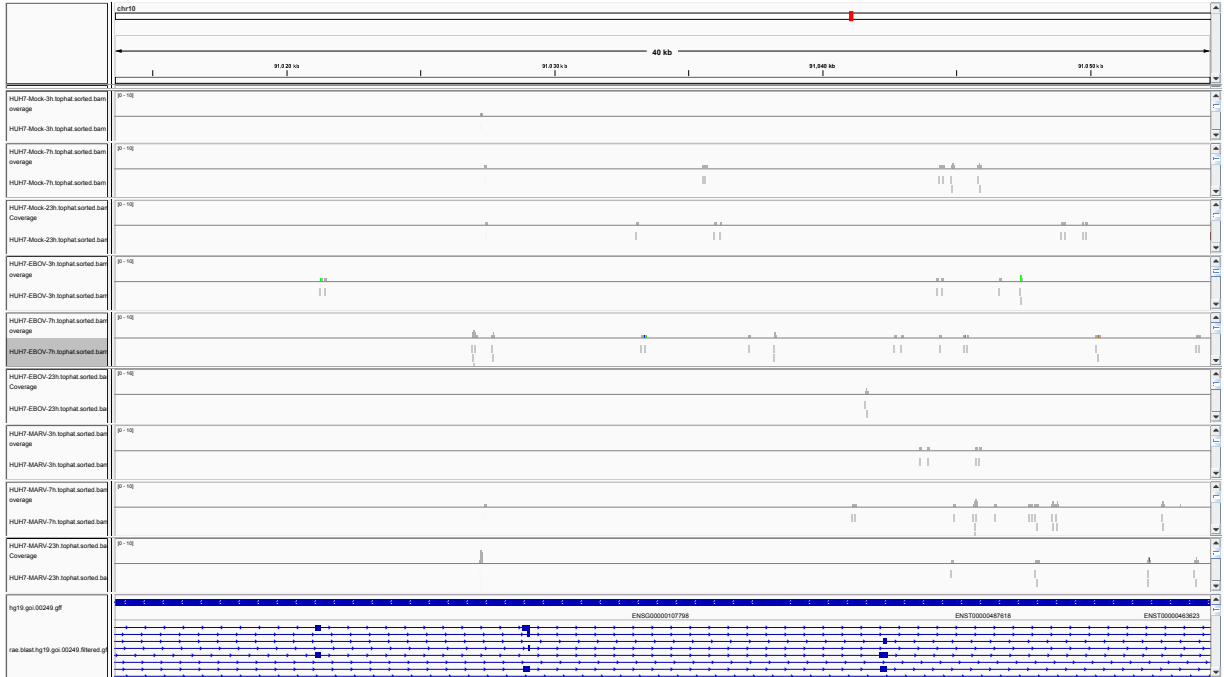


1 IFIT1

This gene encodes a protein containing tetratricopeptide repeats that was originally identified as induced upon treatment with interferon. The encoded protein may inhibit viral replication and translational initiation. This gene is located in a cluster on chromosome 10 with five other closely related genes. There is a pseudogene for this gene on chromosome 13. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

Gene shows generally strong expression in human. In Ebola infected cells after 23 h it is downregulated, which is interesting for a gene involved in viral defense. Weak constitutive expression in bat, small overlap at 3' end with IFIT5.



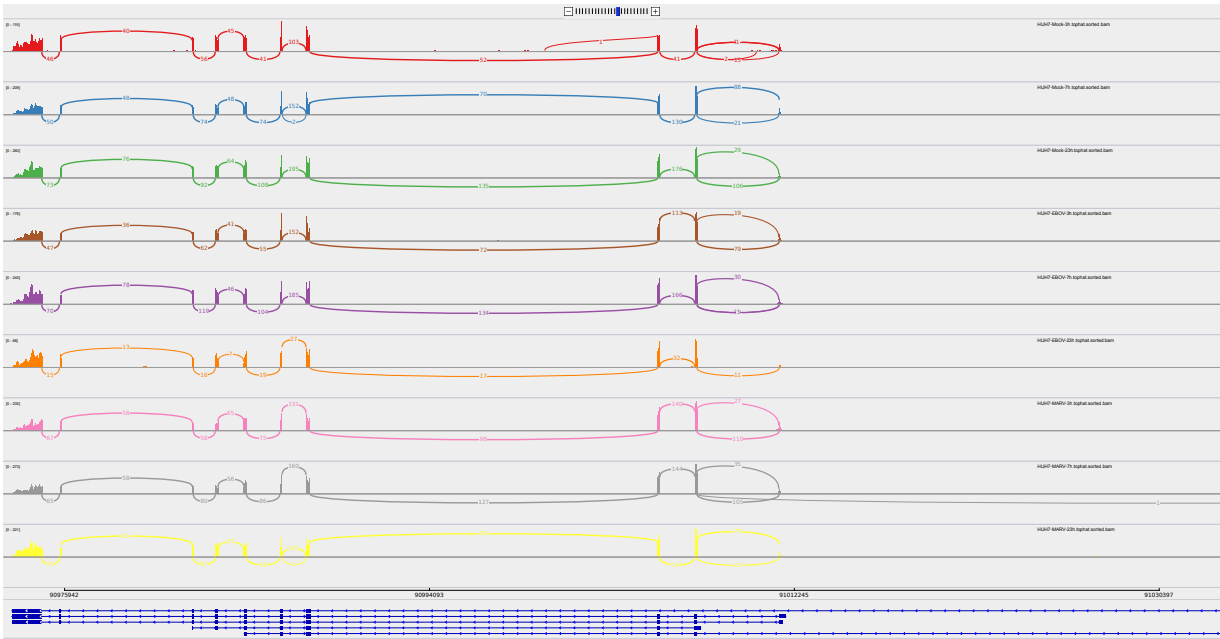


Figure 2: Sashimi plot of gene IFIT1. Only strongly expressed 5' region is shown.

Figure 3: UCSC Genome Browser screenshot of gene IFIT1.