

# 1 TRIM6

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, B-box type 1 and B-box type 2 domain, and a coiled-coil region. The protein localizes to the nucleus, but its specific function has not been identified. This gene is mapped to chromosome 11p15, where it resides within a TRIM gene cluster. Alternative splicing results in multiple transcript variants. A read-through transcript from this gene into the downstream TRIM34 gene has also been observed, which results in a fusion product from these neighboring family members.

This gene was slightly differential expressed. The strongest regulation was found for the EBOV-infected cell between 7 h and 23 h p.i. with a twofold downregulation.

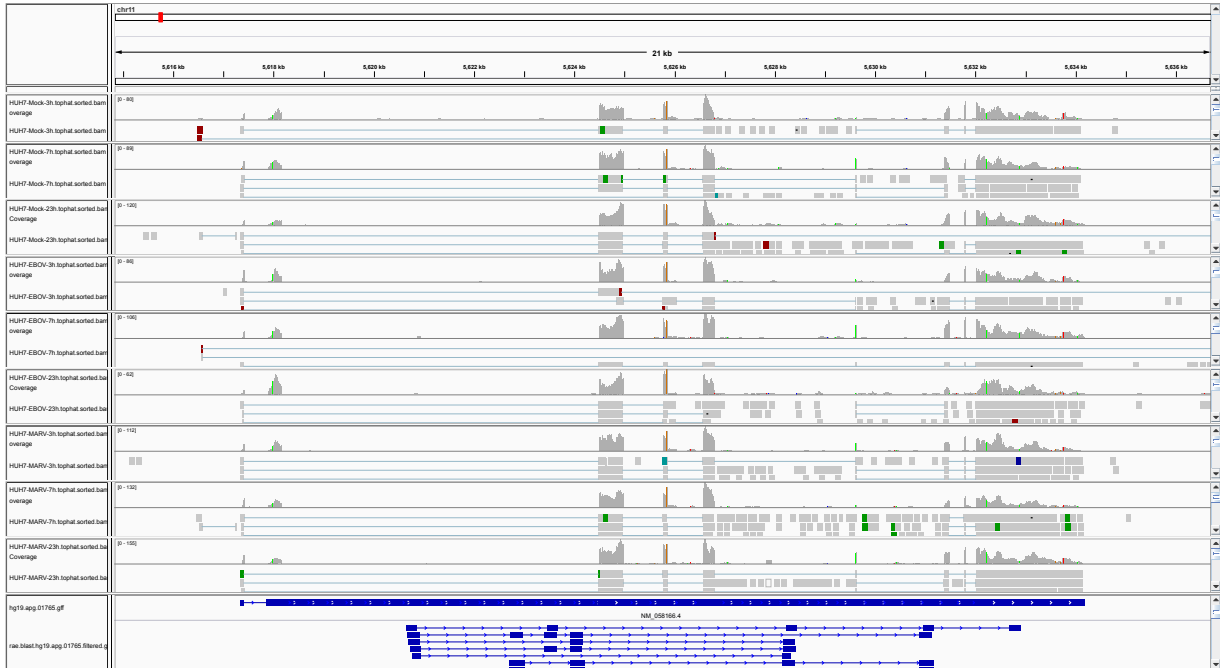


Figure 1: IGV Genome Browser screenshot of gene TRIM6.

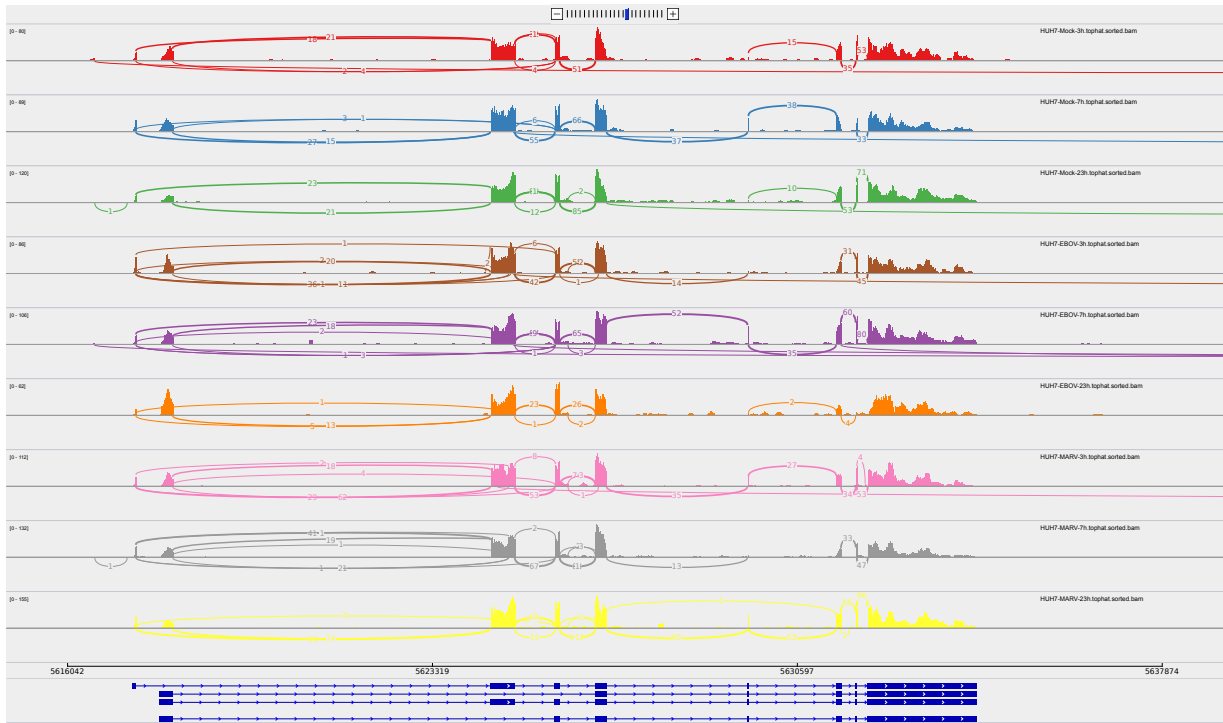


Figure 2: Sashimi plot of gene TRIM6.

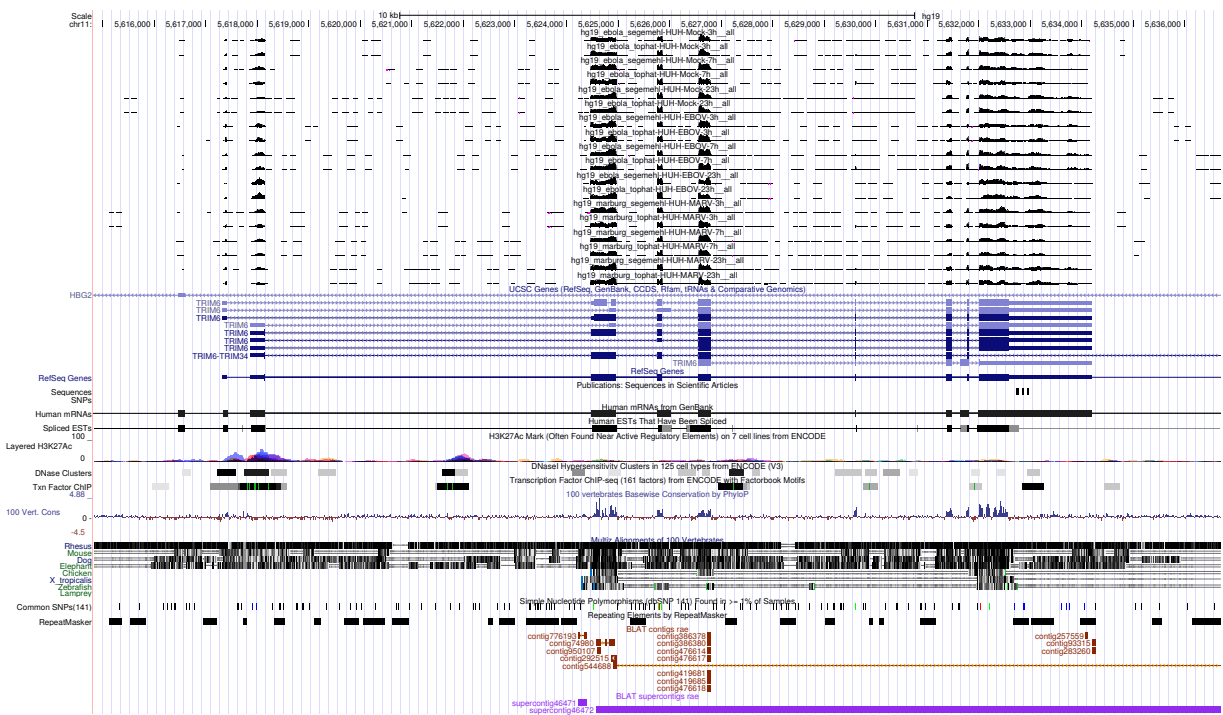


Figure 3: UCSC Genome Browser screenshot of gene TRIM6.