

# 1 GBF1

This gene encodes a member of the Sec7 domain family. The encoded protein is a guanine nucleotide exchange factor that regulates the recruitment of proteins to membranes by mediating GDP to GTP exchange. The encoded protein is localized to the Golgi apparatus and plays a role in vesicular trafficking by activating ADP ribosylation factor 1. The encoded protein has also been identified as an important host factor for viral replication.

The gene is upregulated in Ebola infected cells after 23 h. The bat homolog is uniformly expressed.

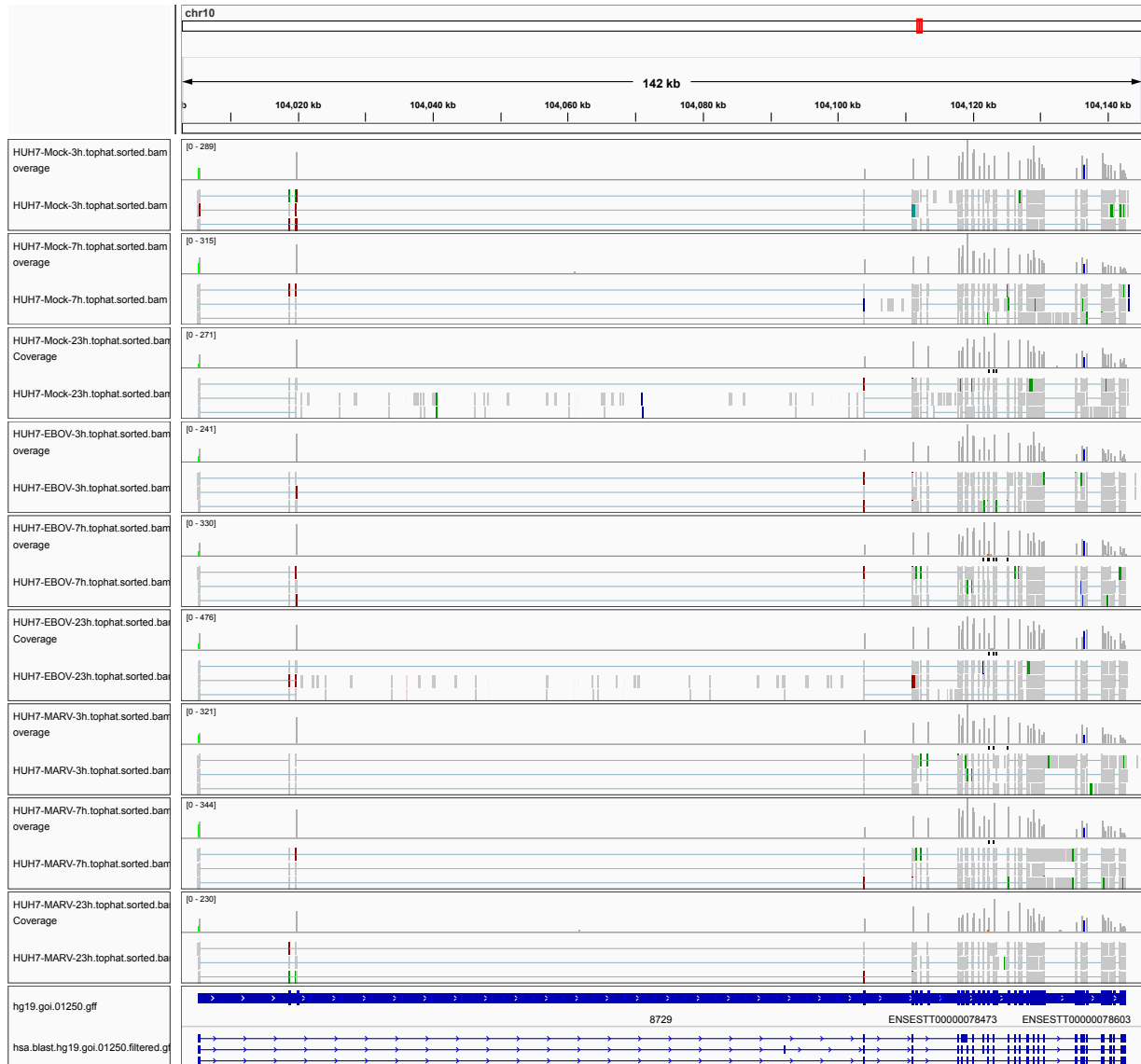


Figure 1: IGV Genome Browser screenshot of gene GBF1.



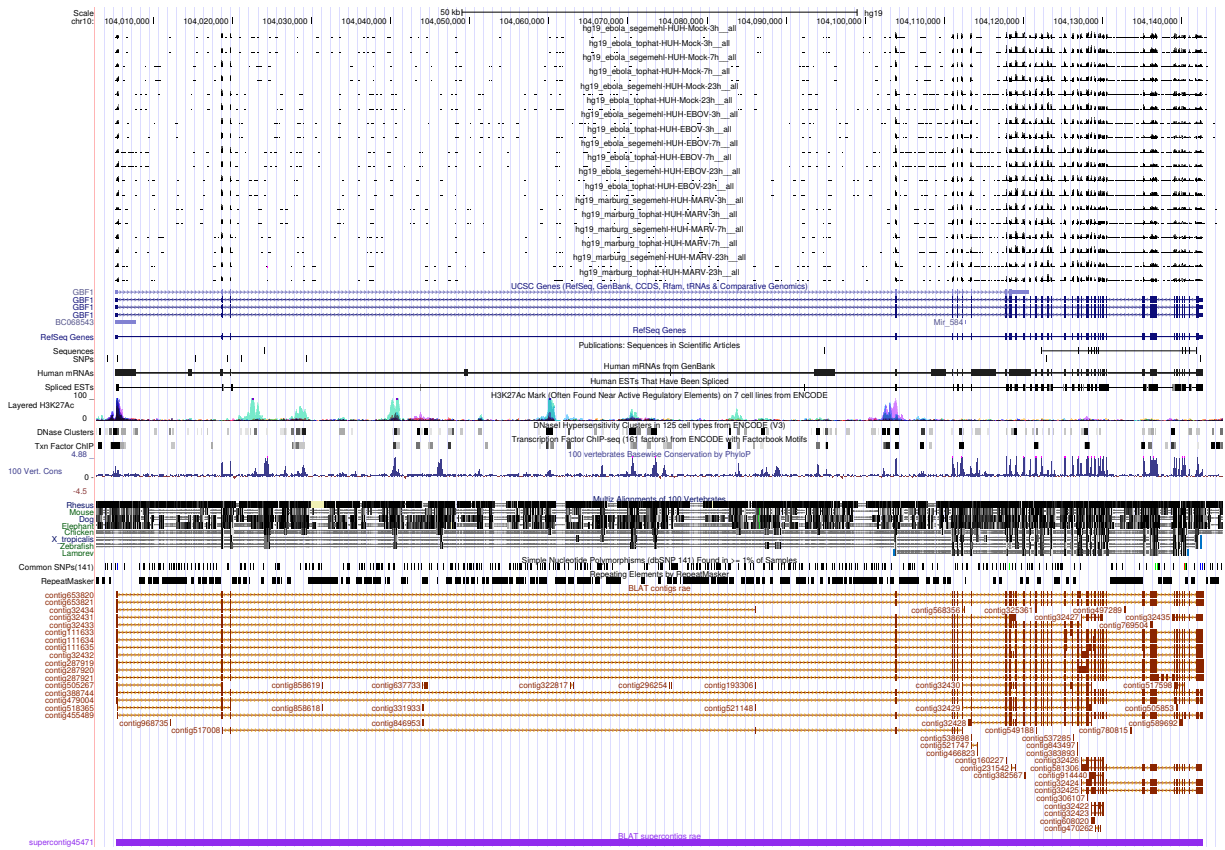


Figure 3: UCSC Genome Browser screenshot of gene GBF1.