

# 1 RHOA

Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Involved in a microtubule-dependent signal that is required for the myosin contractile ring formation during cell cycle cytokinesis. Plays an essential role in cleavage furrow formation. Required for the apical junction formation of keratinocyte cell-cell adhesion.

\*The gene expression level decreases after 7h and is stable after 23h in both control samples. After infection the gene expression levels change. Based on Ebola infection the expression level increases after 7h and decreases after 23h in human, in bat the expression level decreases after 7h and increases after 23h. \*

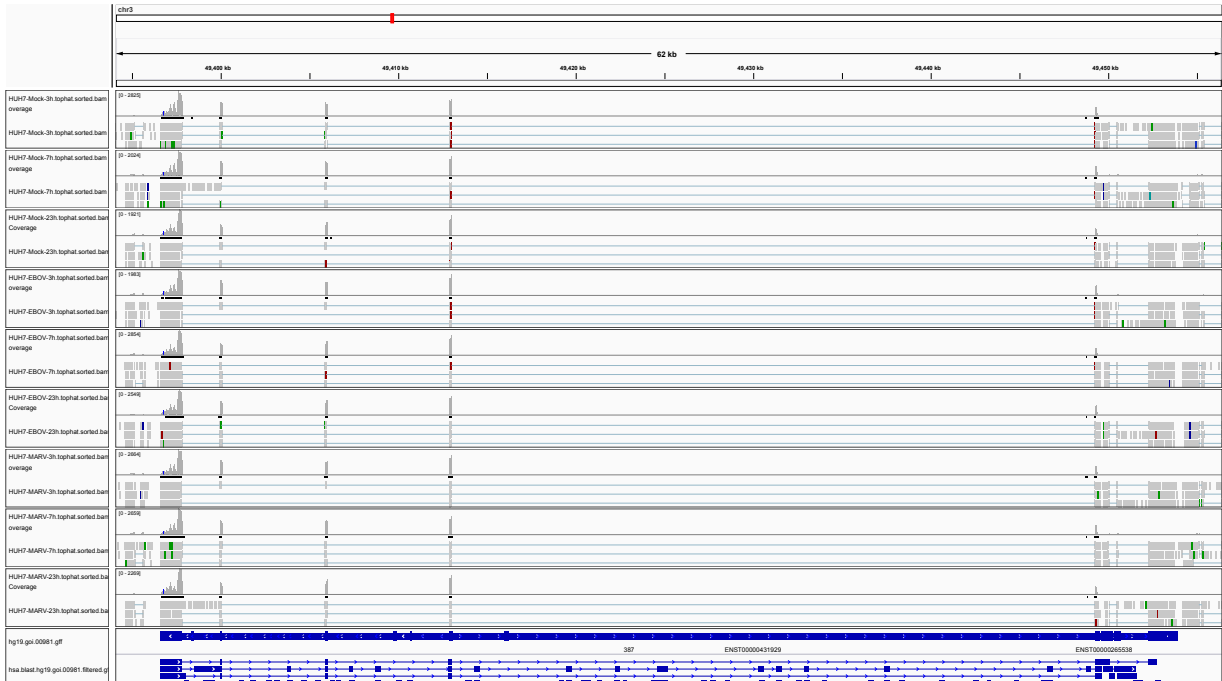


Figure 1: IGV Genome Browser screenshot of gene RHOA.

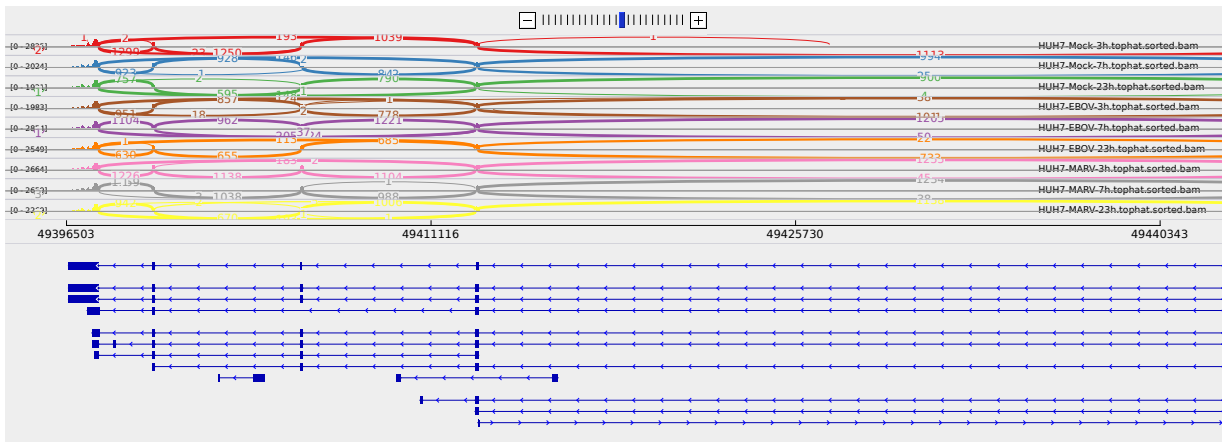


Figure 2: Sashimi plot of gene RHOA.

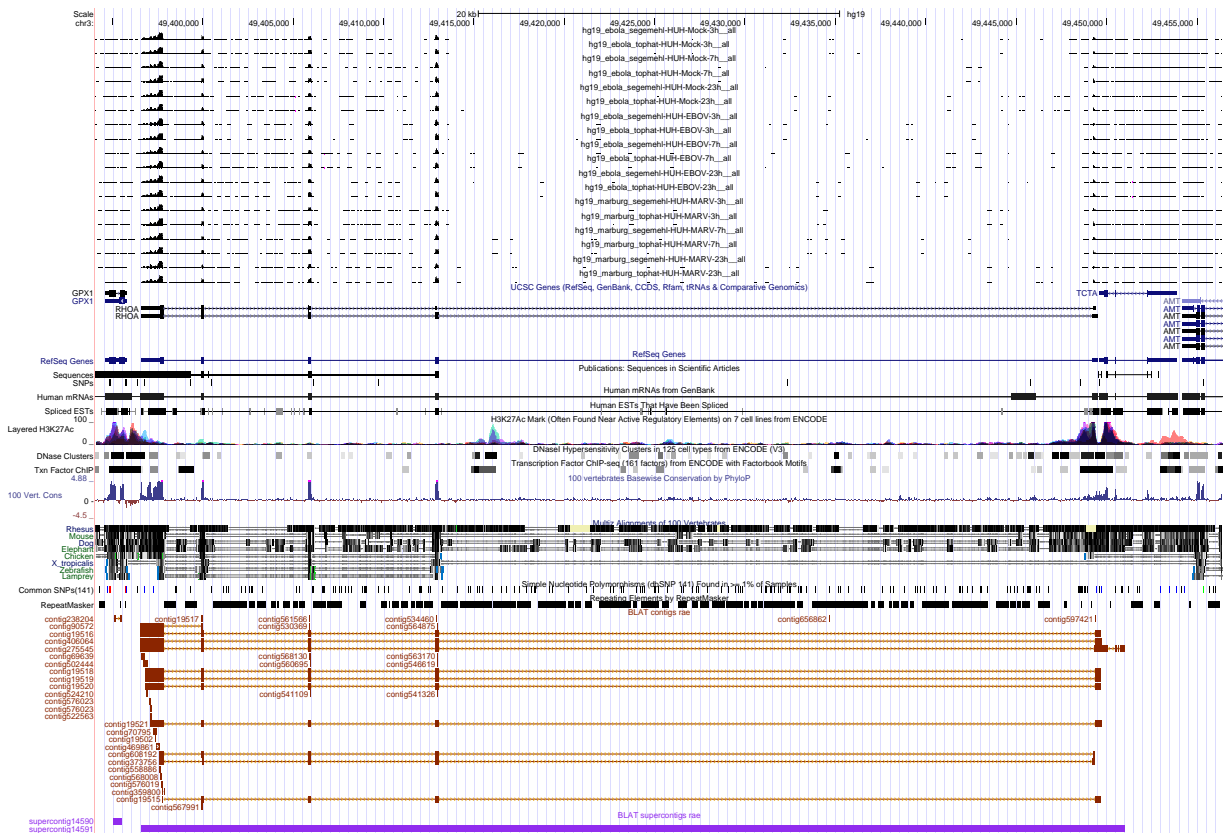


Figure 3: UCSC Genome Browser screenshot of gene RHOA.