

# 1 DUSP16

his gene encodes a mitogen-activated protein kinase phosphatase that is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. The encoded protein specifically regulates the c-Jun amino-terminal kinase (JNK) and extracellular signal-regulated kinase (ERK) pathways.

Its expression seems to be constantly upregulated in the course of Ebola infection in human and bat cells. Different modulation for Marburg and mock treated cells can be observed.

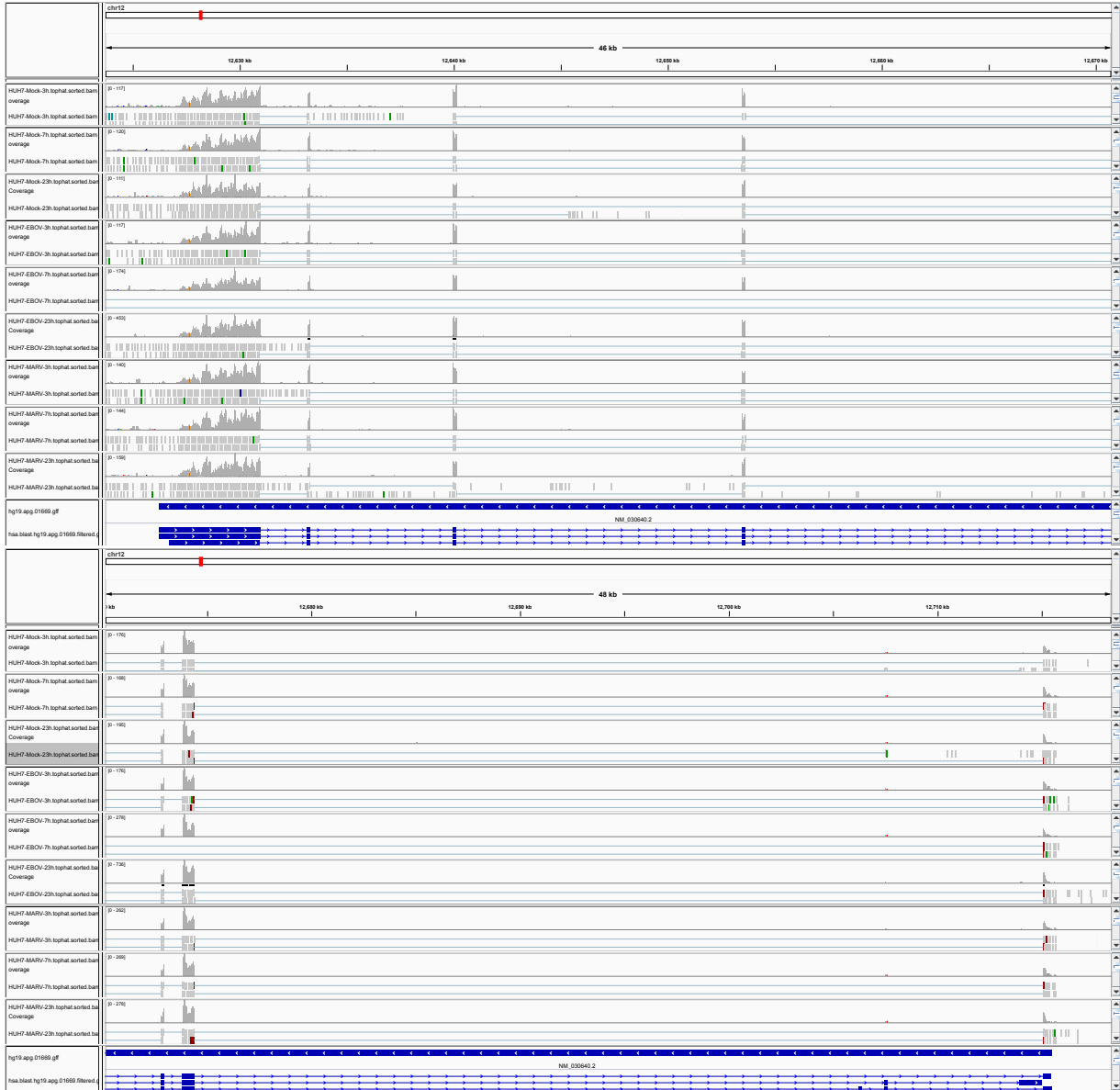


Figure 1: IGV Genome Browser screenshot of gene DUSP16.



Figure 2: Sashimi plot of gene DUSP16.

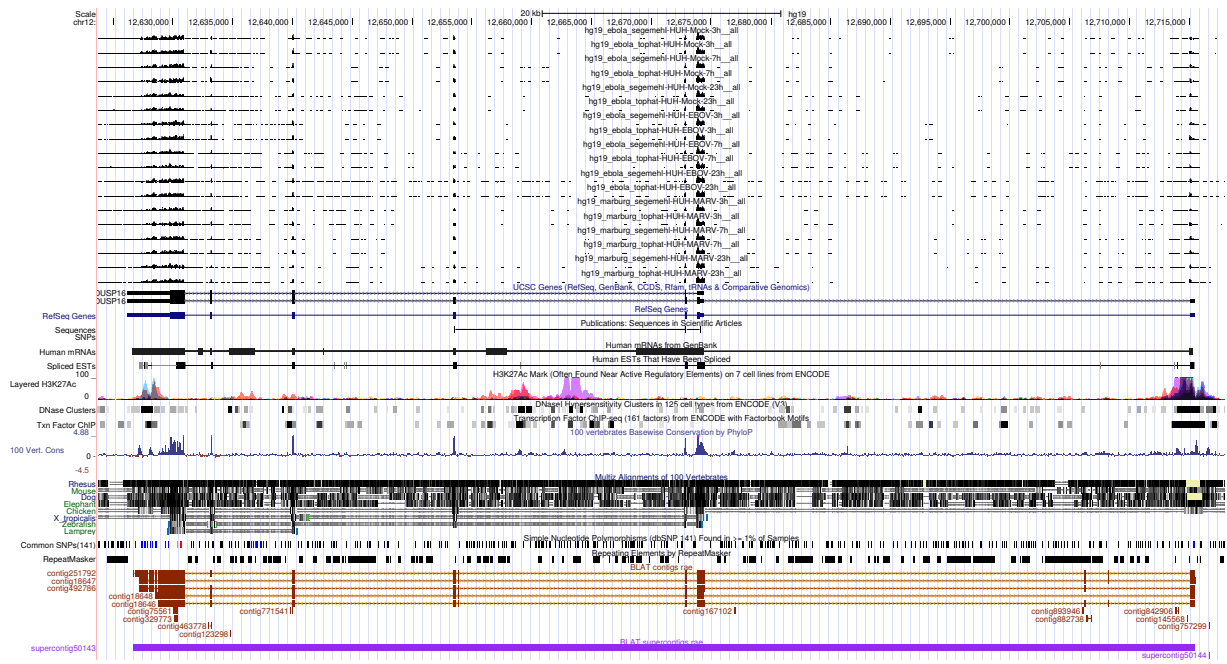


Figure 3: UCSC Genome Browser screenshot of gene DUSP16.