

# 1 MAPK3

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets.

Gene slightly enriched in Ebola infected cells after 7 h and 23 h in human, and Ebola and Marbug infected cells in bat.

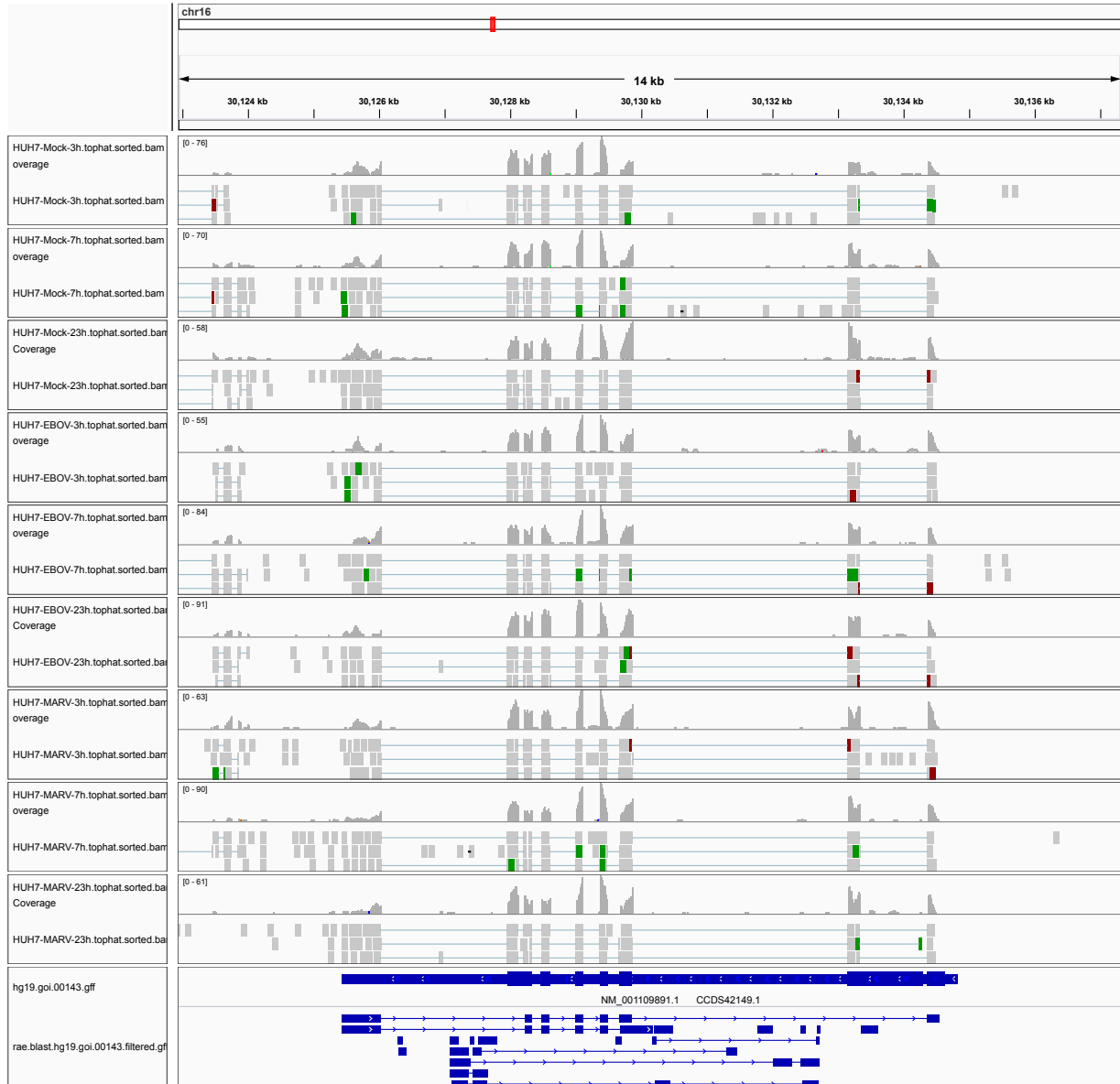


Figure 1: IGV Genome Browser screenshot of gene MAPK3.

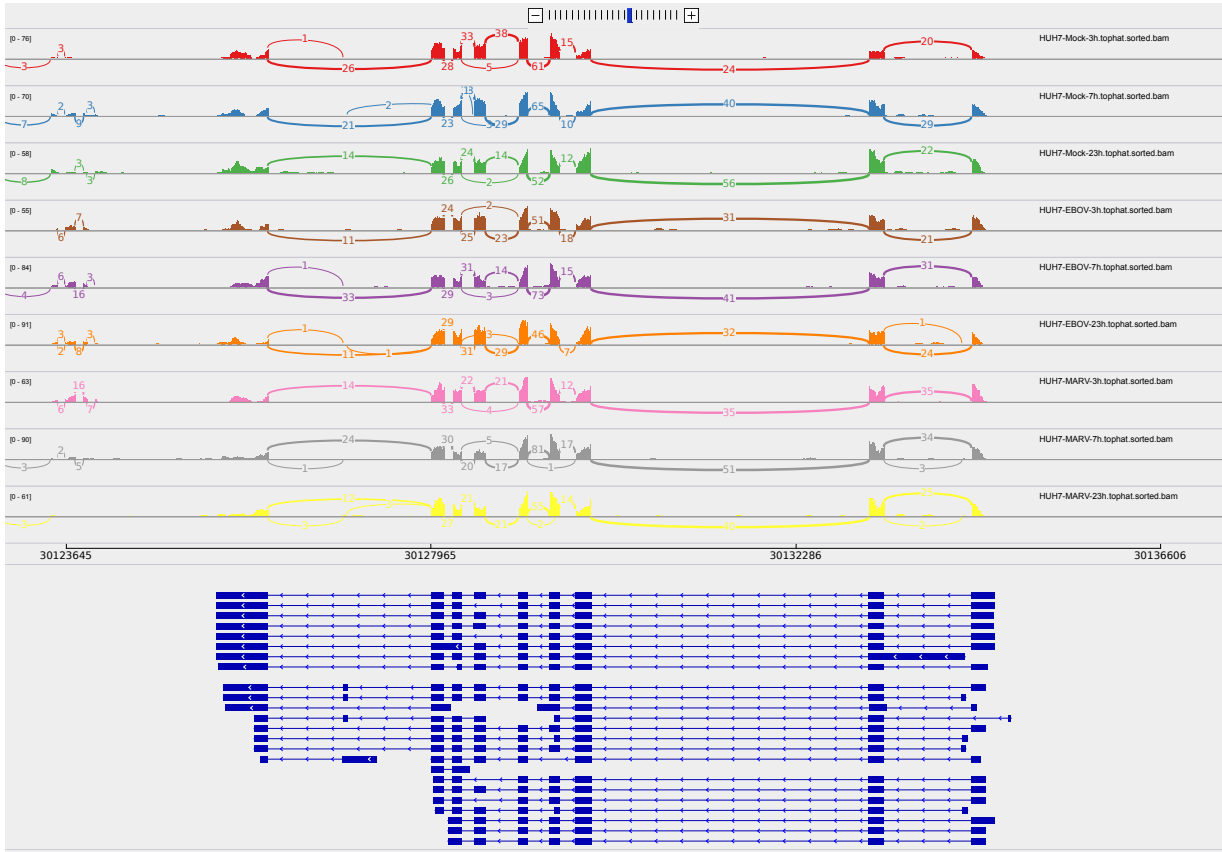


Figure 2: Sashimi plot of gene MAPK3.

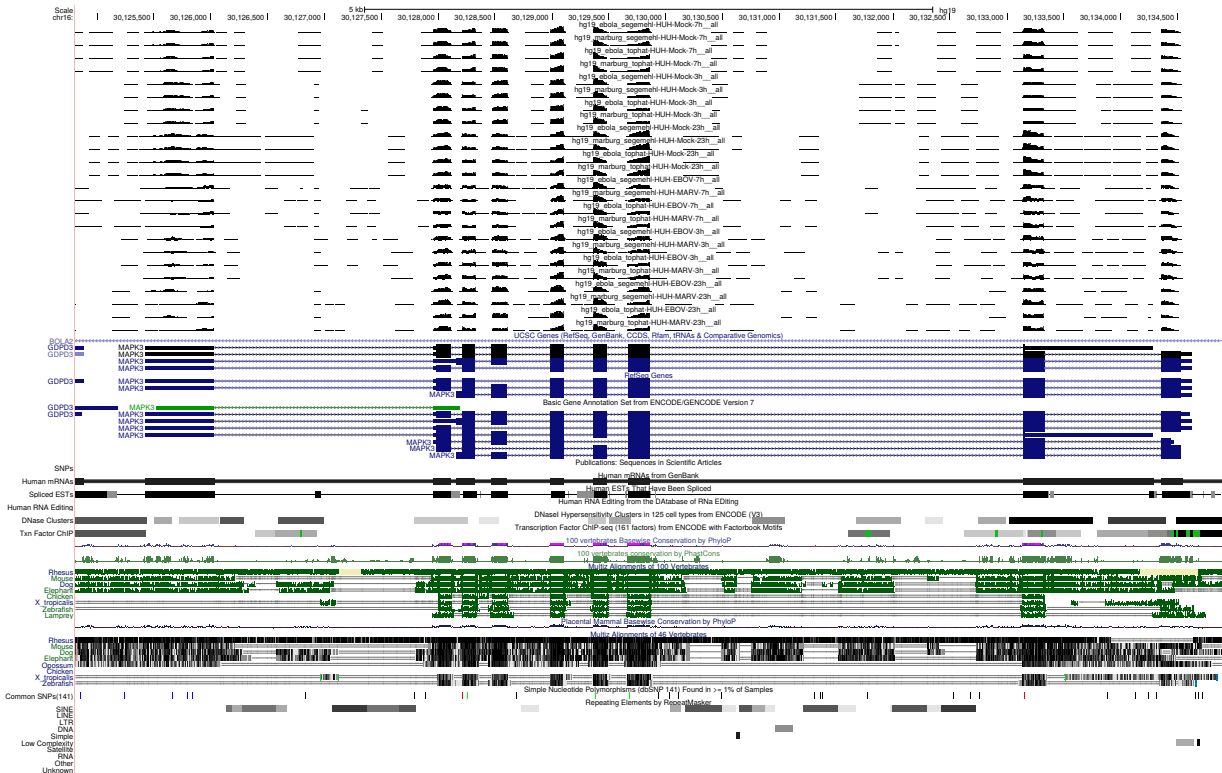


Figure 3: UCSC Genome Browser screenshot of gene MAPK3.