

# 1 FOSL1

The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation.

The gene FOSL1 is only expressed in human cells 23 h after infection with Ebola, but throughout all bat datasets.

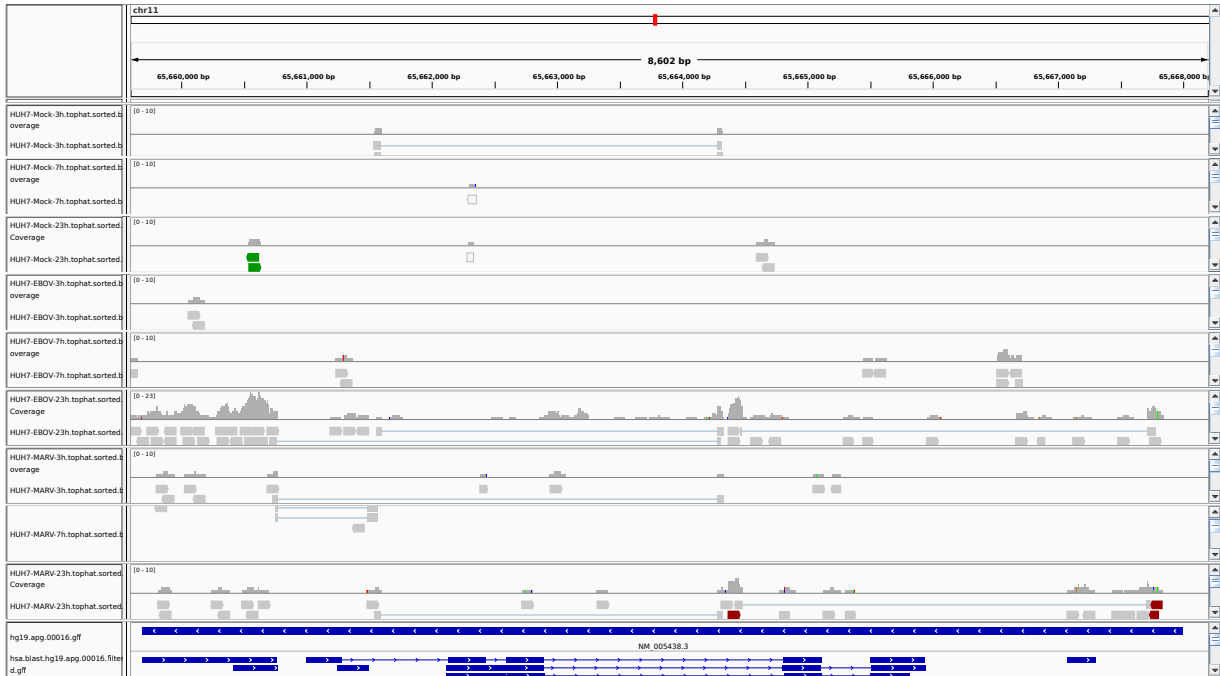


Figure 1: IGV Genome Browser screenshot of gene FOSL1. Expression only in Ebola 23 h dataset.

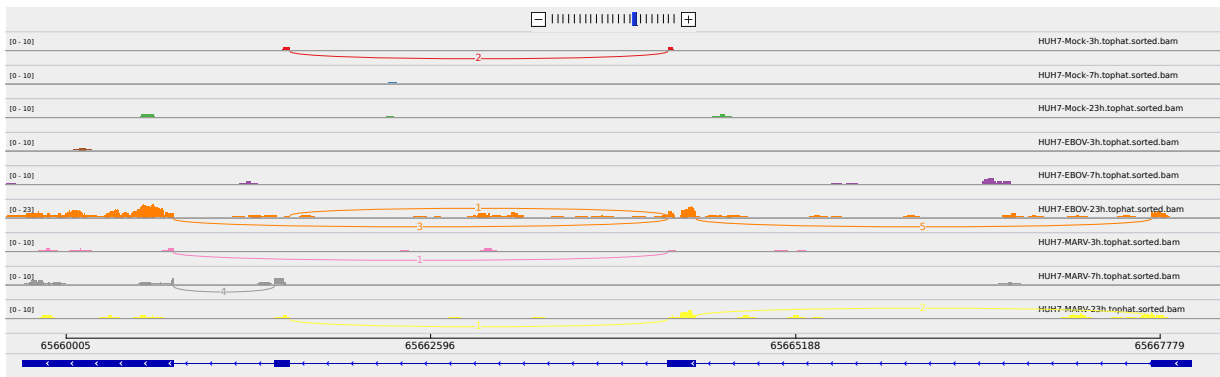


Figure 2: Sashimi plot of gene FOSL1.

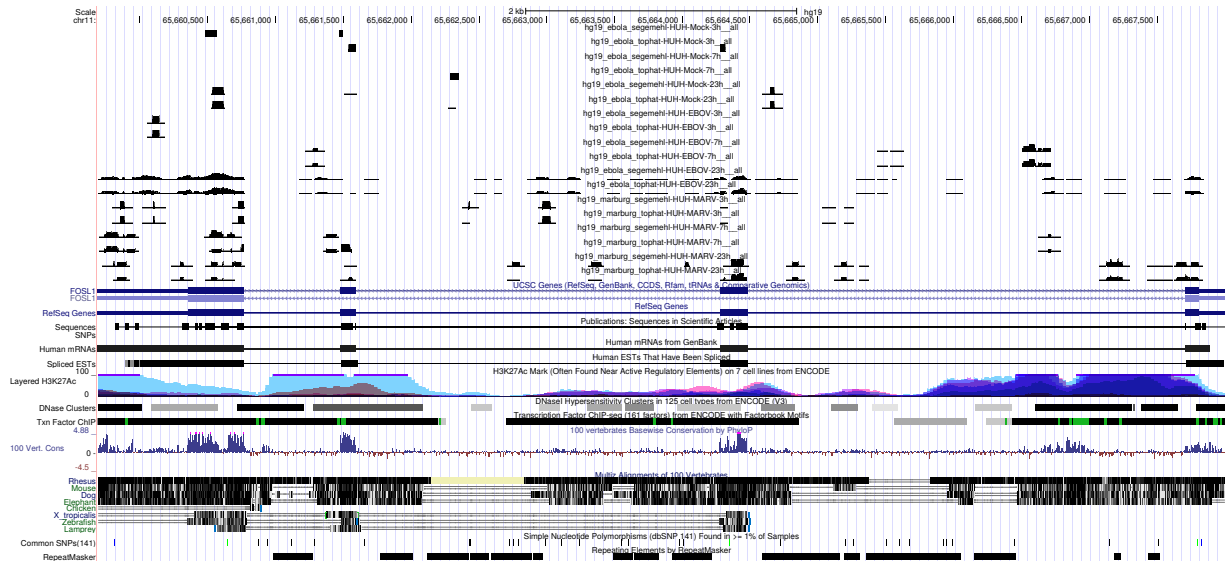


Figure 3: UCSC Genome Browser screenshot of gene FOSL1. Expression only in Ebola 23 h dataset.