

# 1 FOSL2

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.

\*In general, a low expression is observed in human samples, however, there was a significant up-regulation in human Ebola-infected cells after 23 h. In the bat homolog, the expression levels are roughly 100x higher than in human.\*

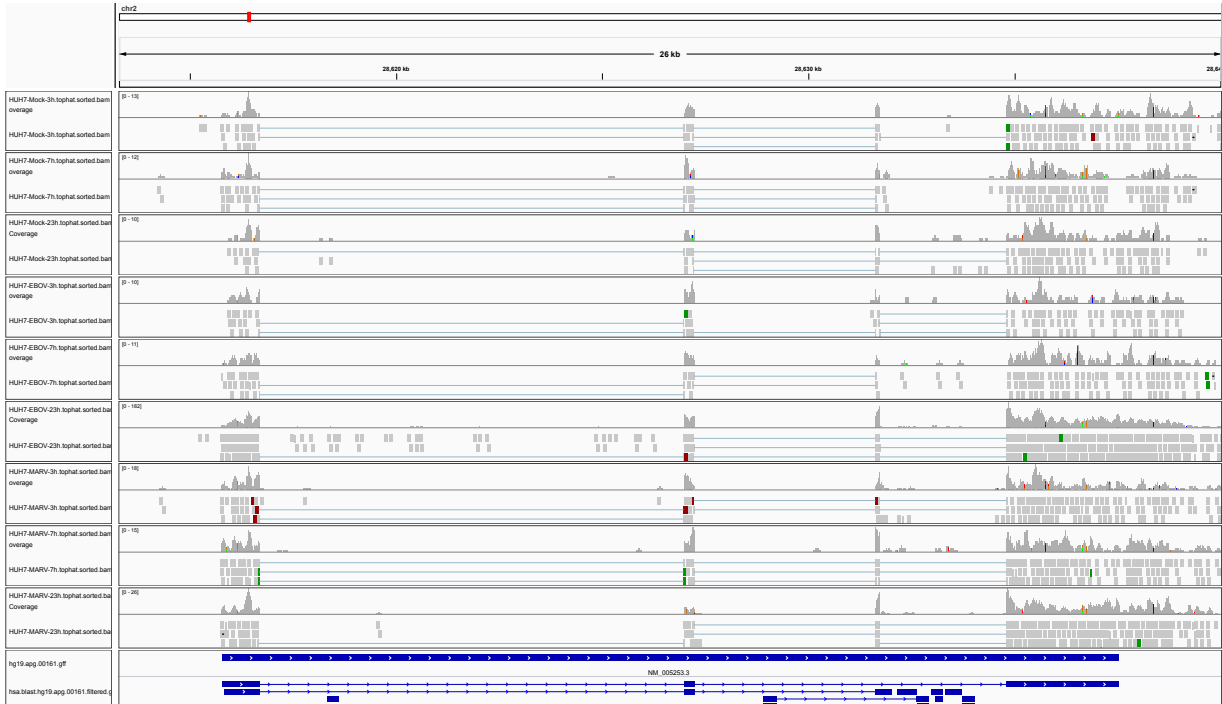


Figure 1: IGV Genome Browser screenshot of gene FOSL2.

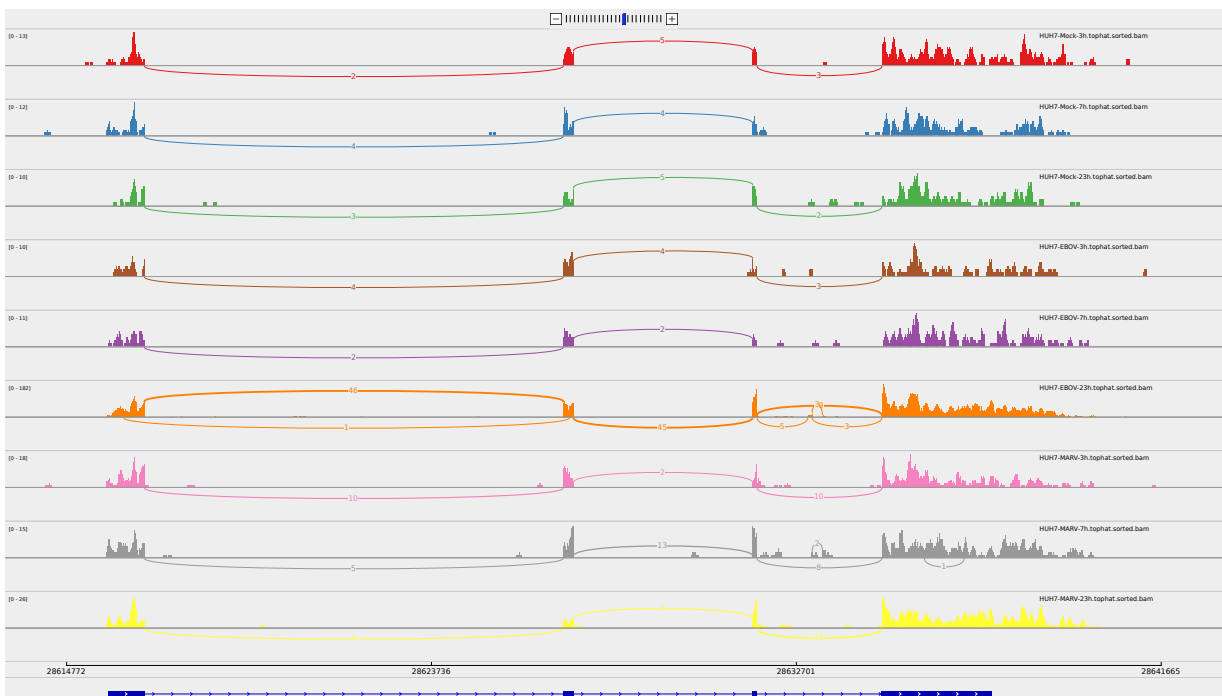


Figure 2: Sashimi plot of gene FOSL2.

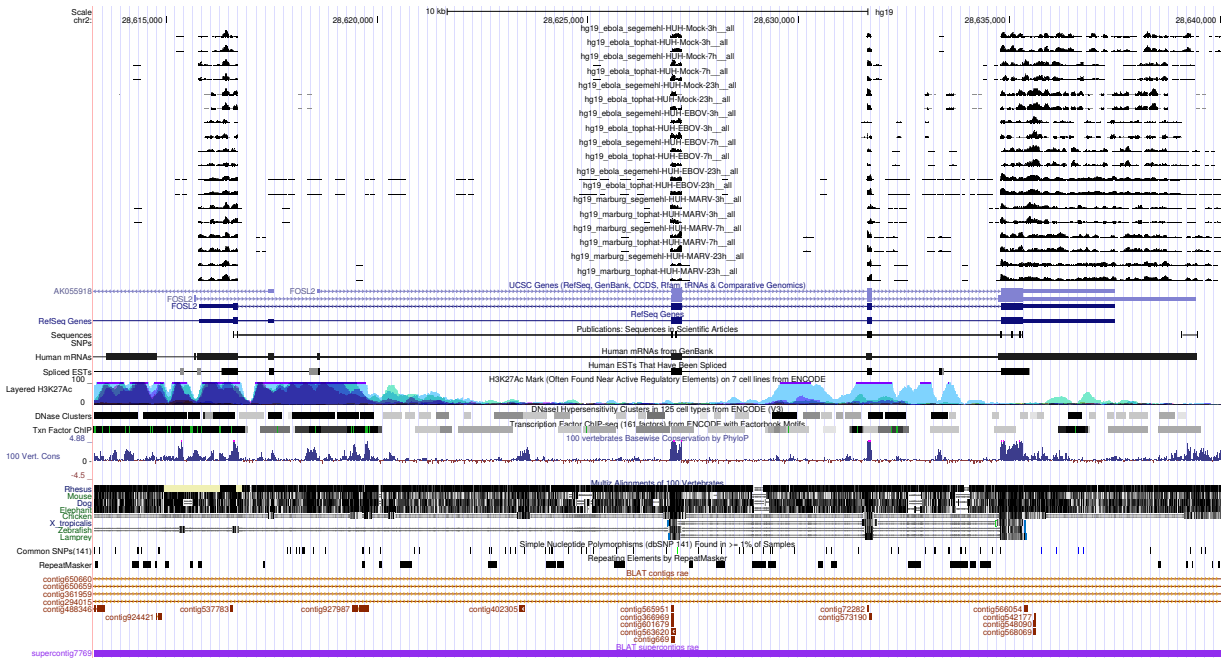


Figure 3: UCSC Genome Browser screenshot of gene FOSL2.