

1 FHL3

The protein encoded by this gene is a member of a family of proteins containing a four-and-a-half LIM domain, which is a highly conserved double zinc finger motif. The encoded protein has been shown to interact with the cancer developmental regulators SMAD2, SMAD3, and SMAD4, the skeletal muscle myogenesis protein MyoD, and the high-affinity IgE beta chain regulator MZF-1. This protein may be involved in tumor suppression, repression of MyoD expression, and repression of IgE receptor expression. Two transcript variants encoding different isoforms have been found for this gene.

This gene is upregulated in human 23 h after Ebola infection and less upregulated in bat.



Figure 1: IGV Genome Browser screenshot of gene FHL3.

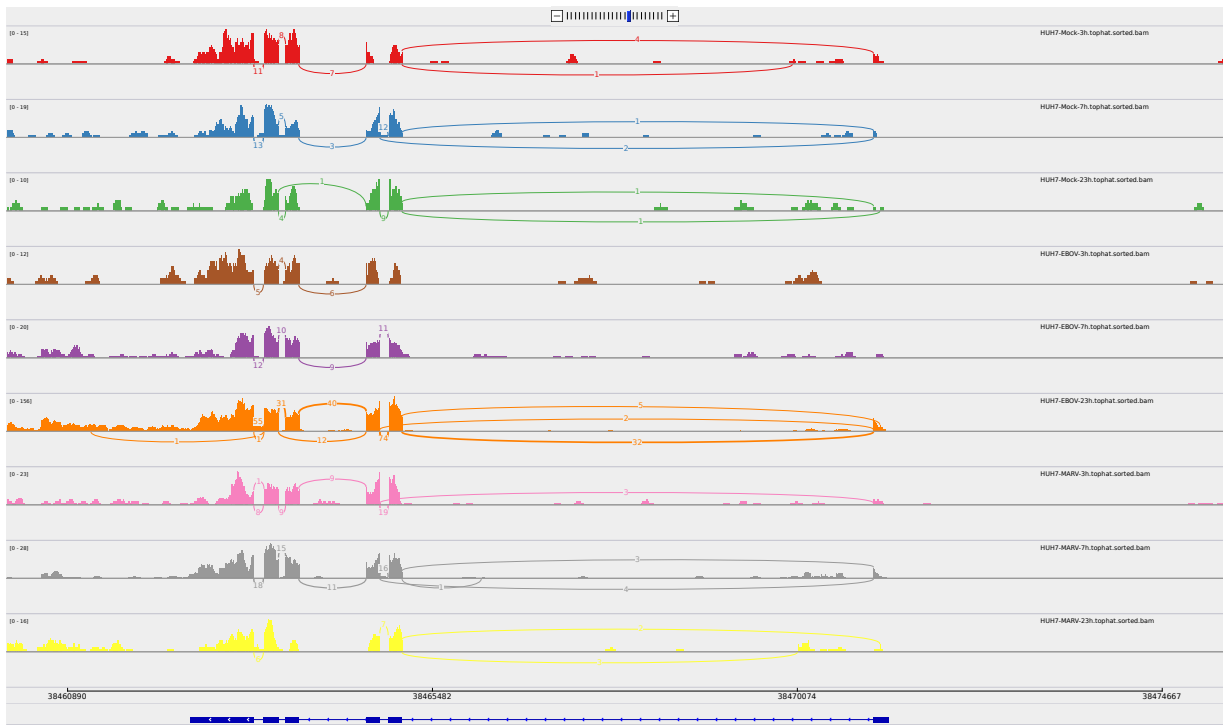


Figure 2: Sashimi plot of gene FHL3.

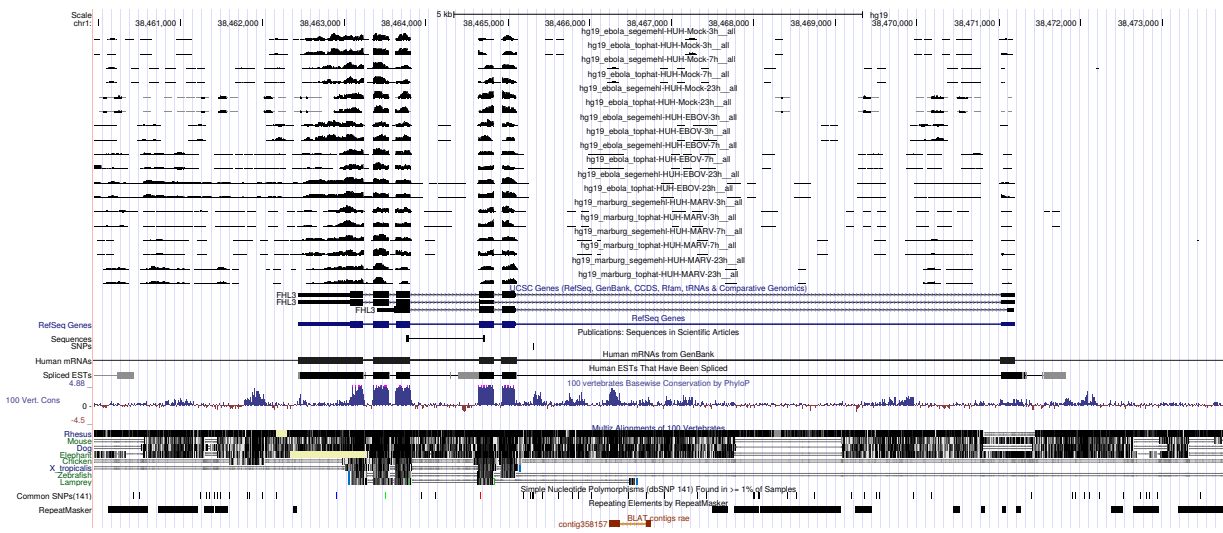


Figure 3: UCSC Genome Browser screenshot of gene FHL3.