

# 1 SOCS3

essor of cytokine signaling 3 (SOCS3), mRNA. RefSeq Summary (NM\_003955): This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene is induced by various cytokines, including IL6, IL10, and interferon (IFN)-gamma. The protein encoded by this gene can bind to JAK2 kinase, and inhibit the activity of JAK2 kinase. Studies of the mouse counterpart of this gene suggested the roles of this gene in the negative regulation of fetal liver hematopoiesis, and placental development.

This gene seems to be not expressed as there were only very mappings to this locus.

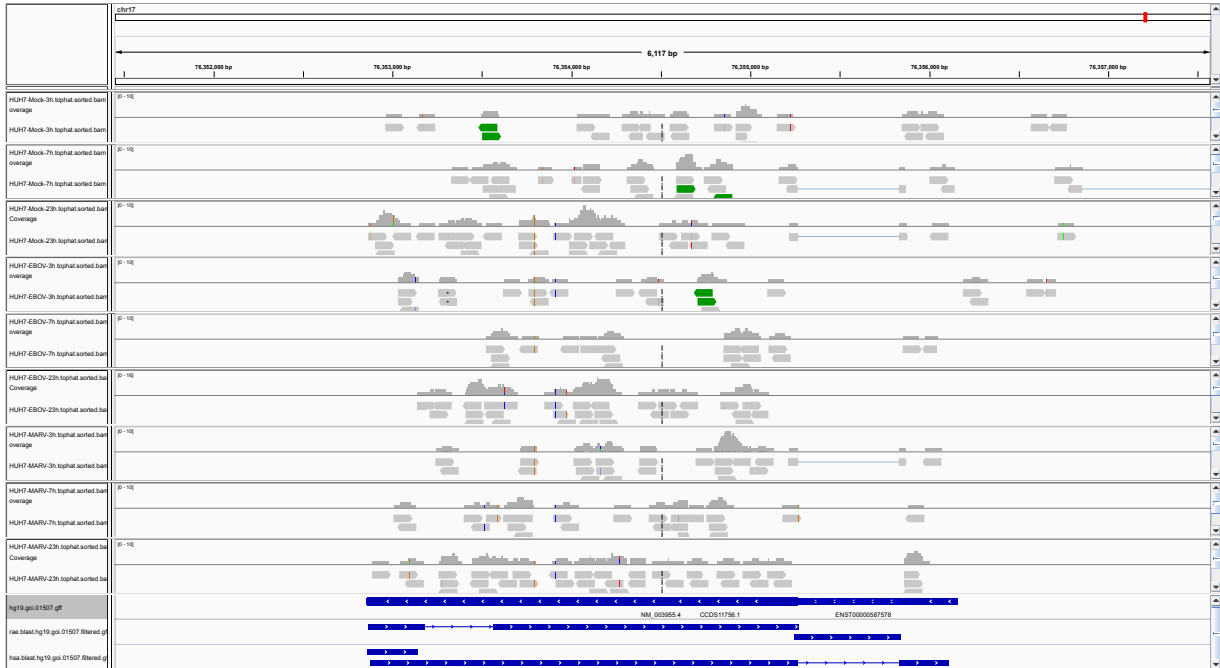


Figure 1: IGV Genome Browser screenshot of gene SOCS3.

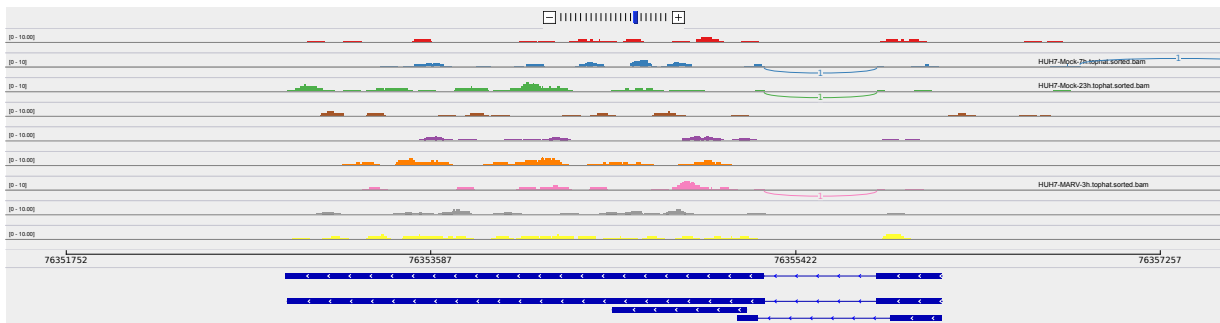


Figure 2: Sashimi plot of gene SOCS3.

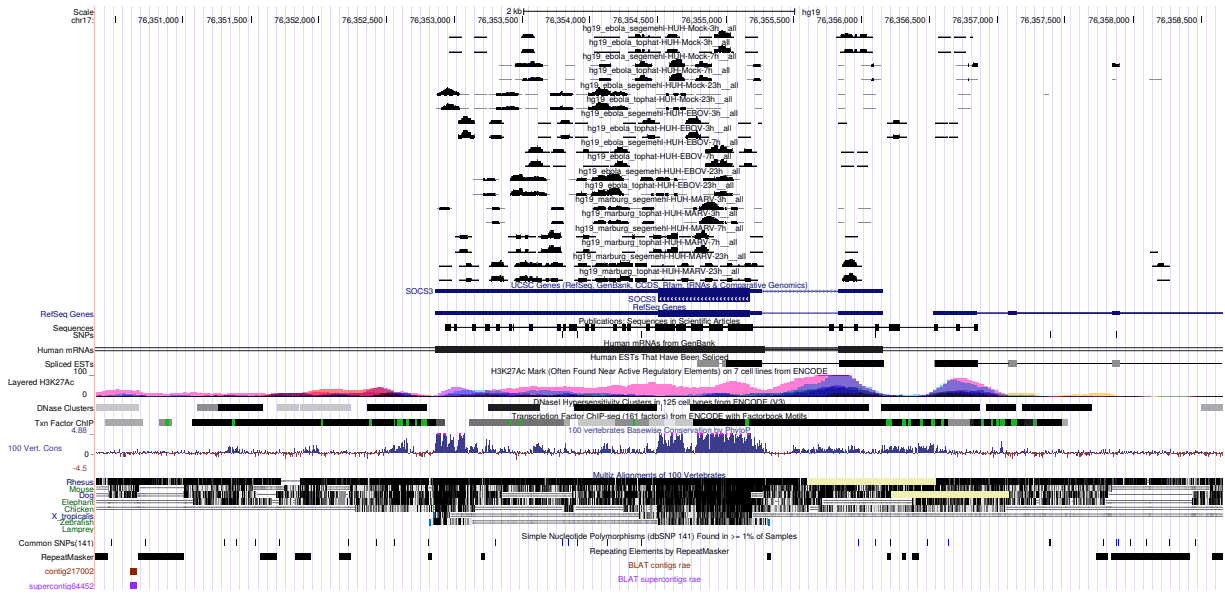


Figure 3: UCSC Genome Browser screenshot of gene SOCS3.