

1 SOCS1

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 can be induced by a subset of cytokines, including IL2, IL3 erythropoietin (EPO), CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of IFN-gamma action, which is required for normal postnatal growth and survival.

No significant differences concerning the expression levels were observed. In general expression was rather low.

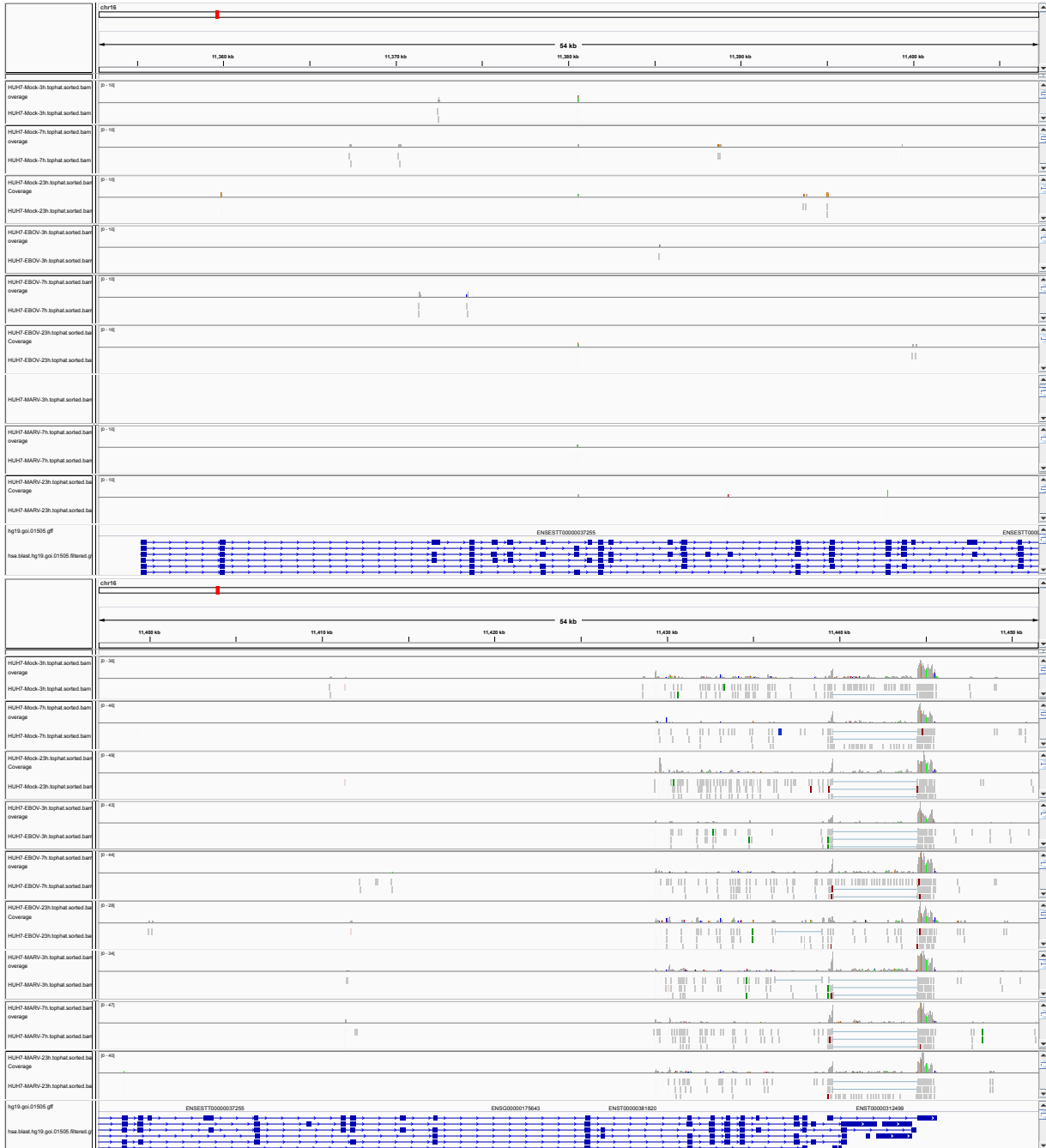


Figure 1: IGV Genome Browser screenshot of gene SOCS1.

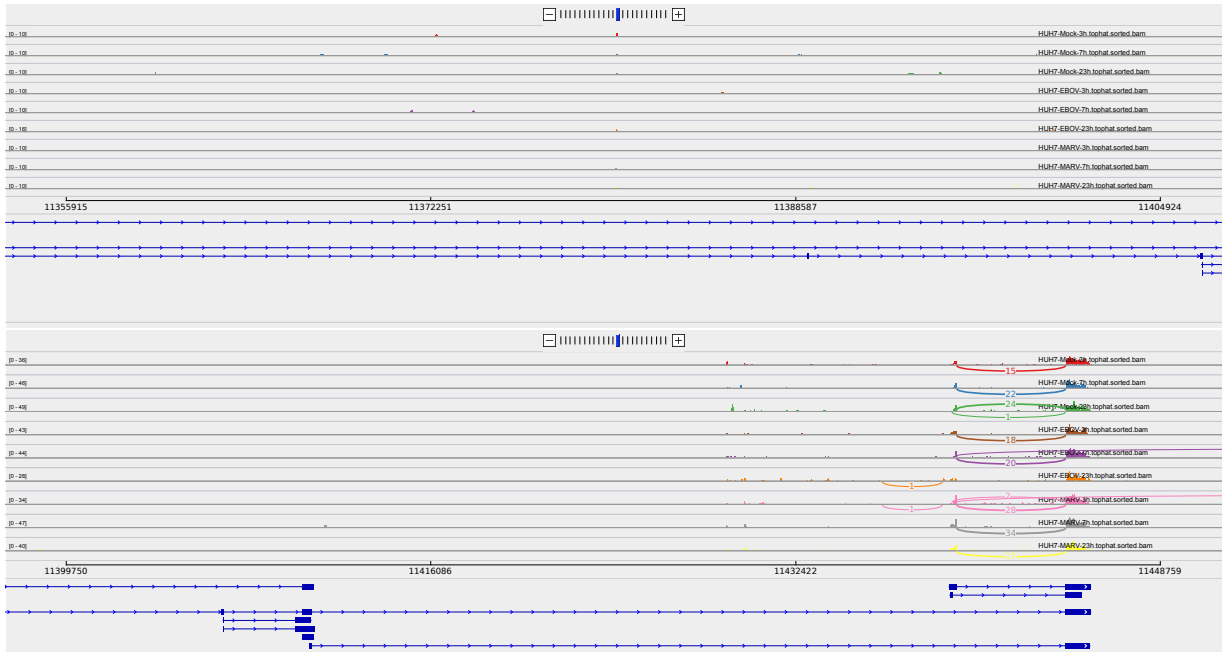


Figure 2: Sashimi plot of gene SOCS1.

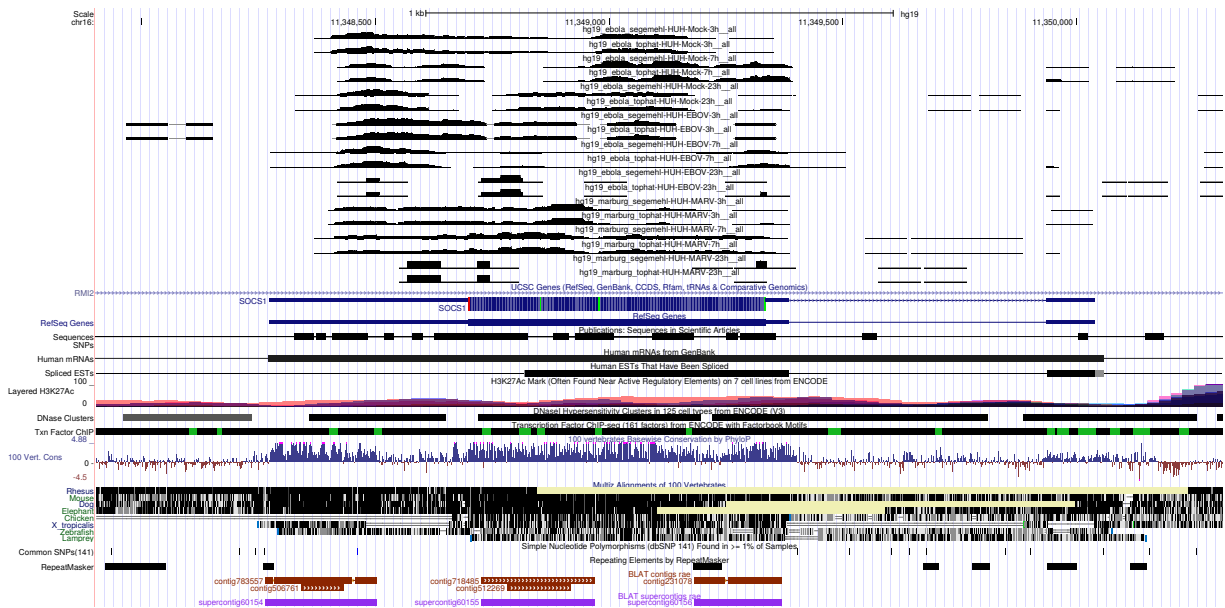


Figure 3: UCSC Genome Browser screenshot of gene SOCS1.