

1 CISH

The protein encoded by this gene contains a SH2 domain and a SOCS box domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by IL2, IL3, GM-CSF and EPO in hematopoietic cells. Proteasome-mediated degradation of this protein has been shown to be involved in the inactivation of the erythropoietin receptor. The gene shows an overall low expression in all human samples.

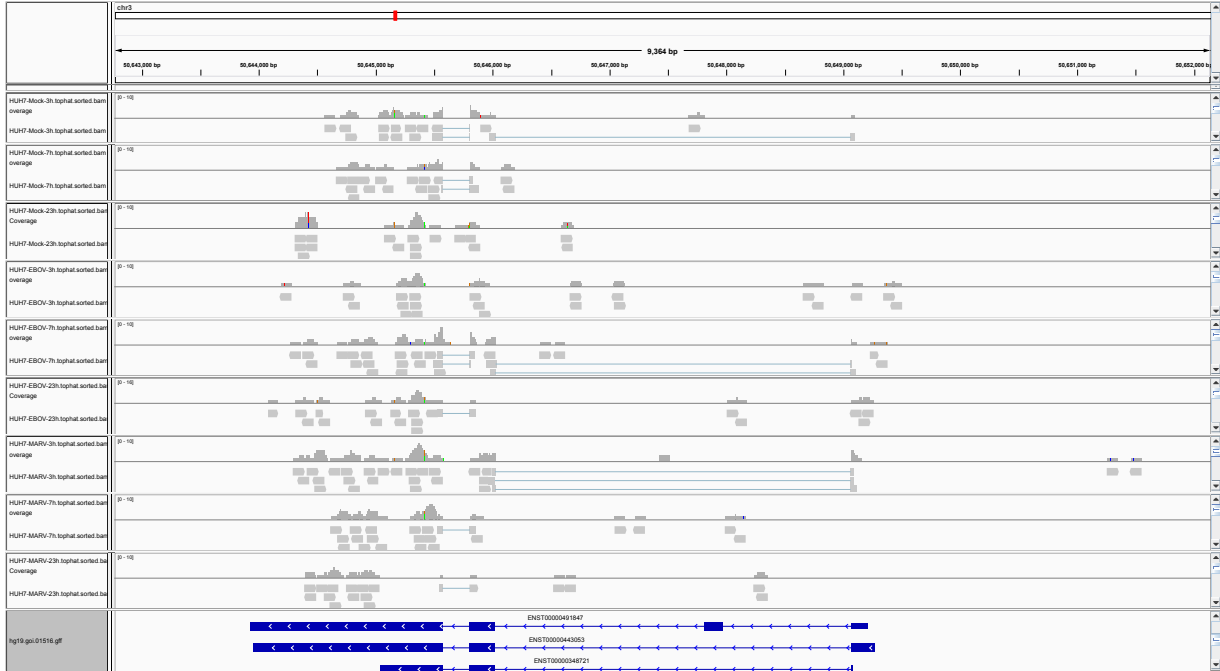


Figure 1: IGV Genome Browser screenshot of gene CISH.



Figure 2: Sashimi plot of gene CISH.

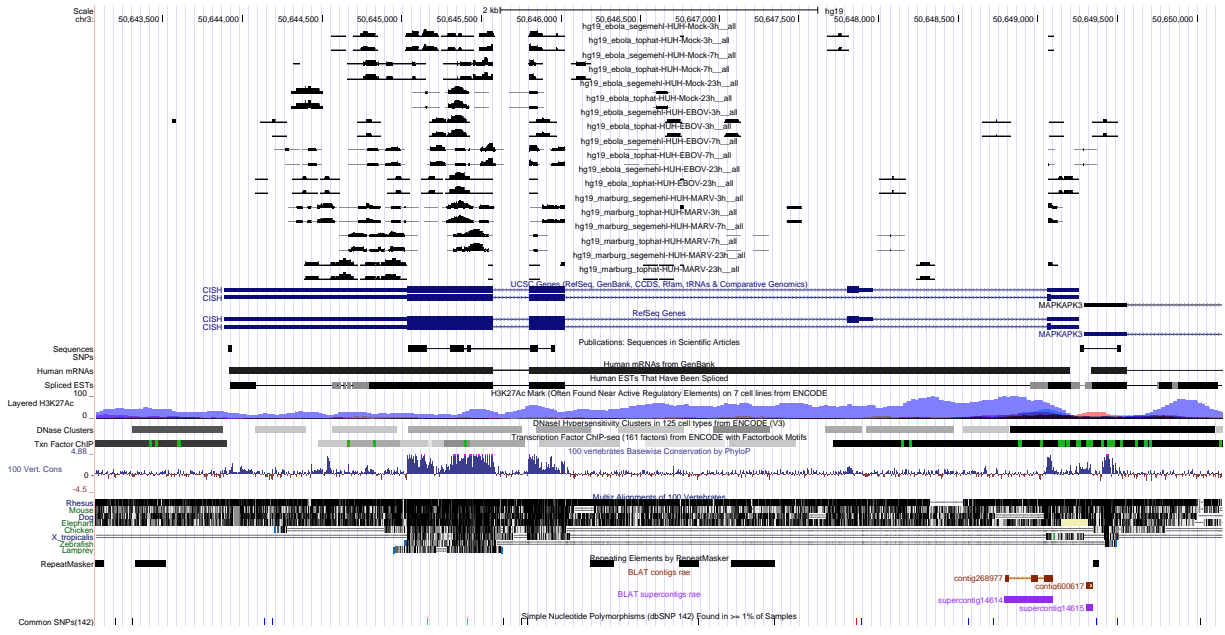


Figure 3: UCSC Genome Browser screenshot of gene CISH.