

1 CXCL1

This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4.

Overall expression is low across all samples.

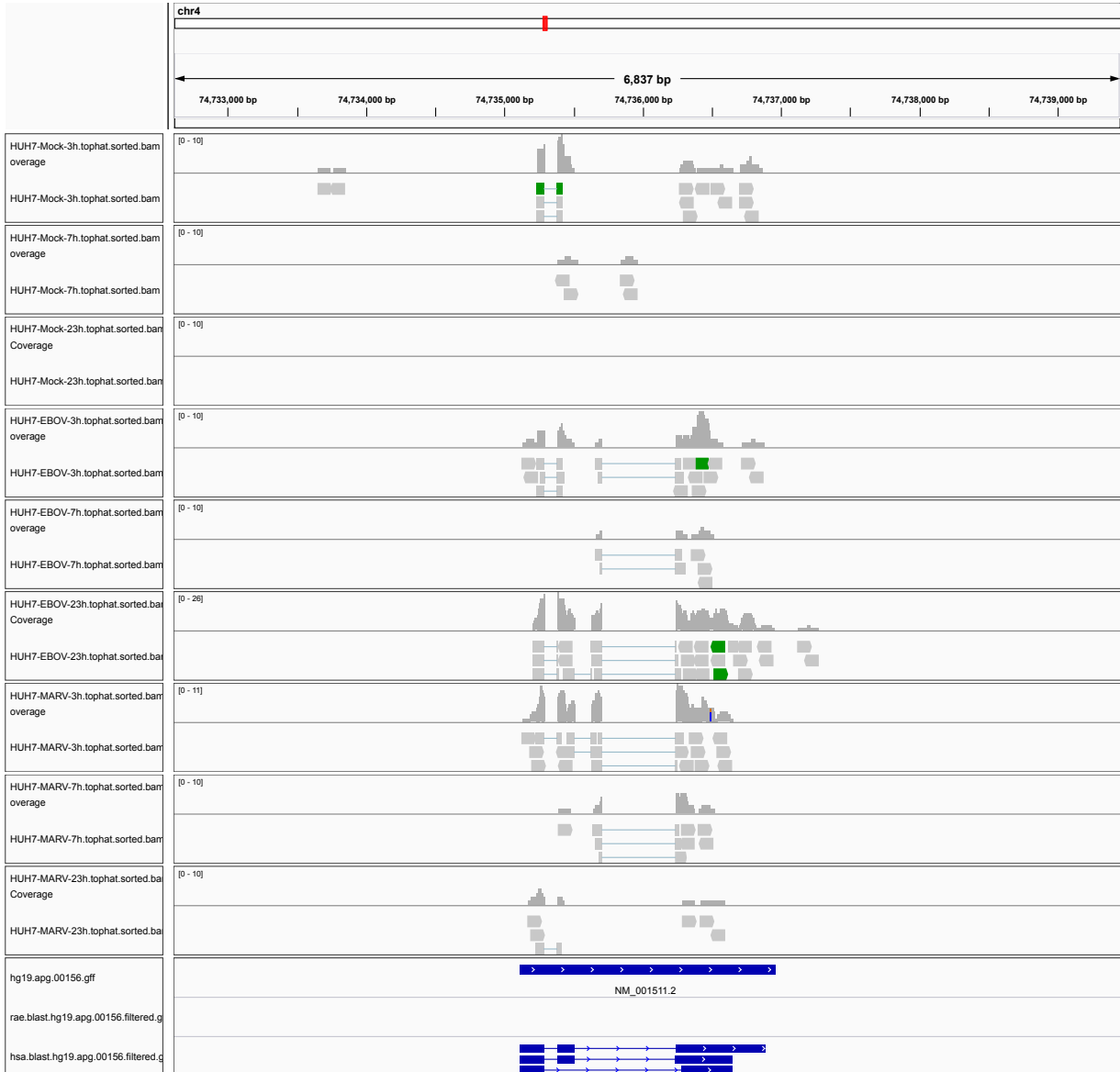


Figure 1: IGV Genome Browser screenshot of gene CXCL1.

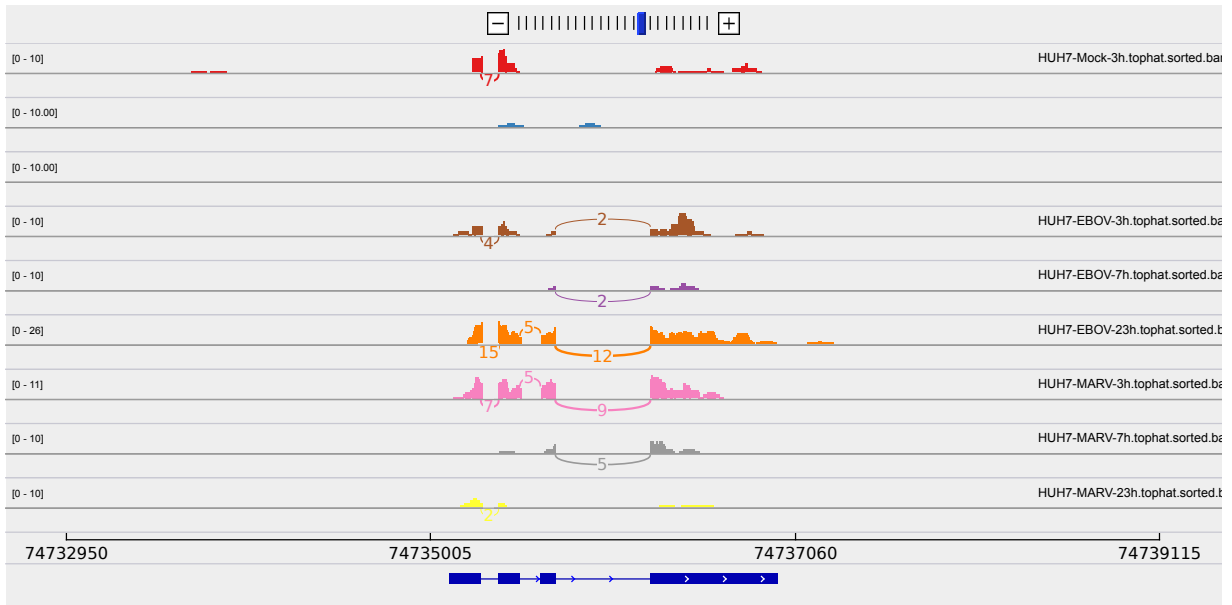


Figure 2: Sashimi plot of gene CXCL1.

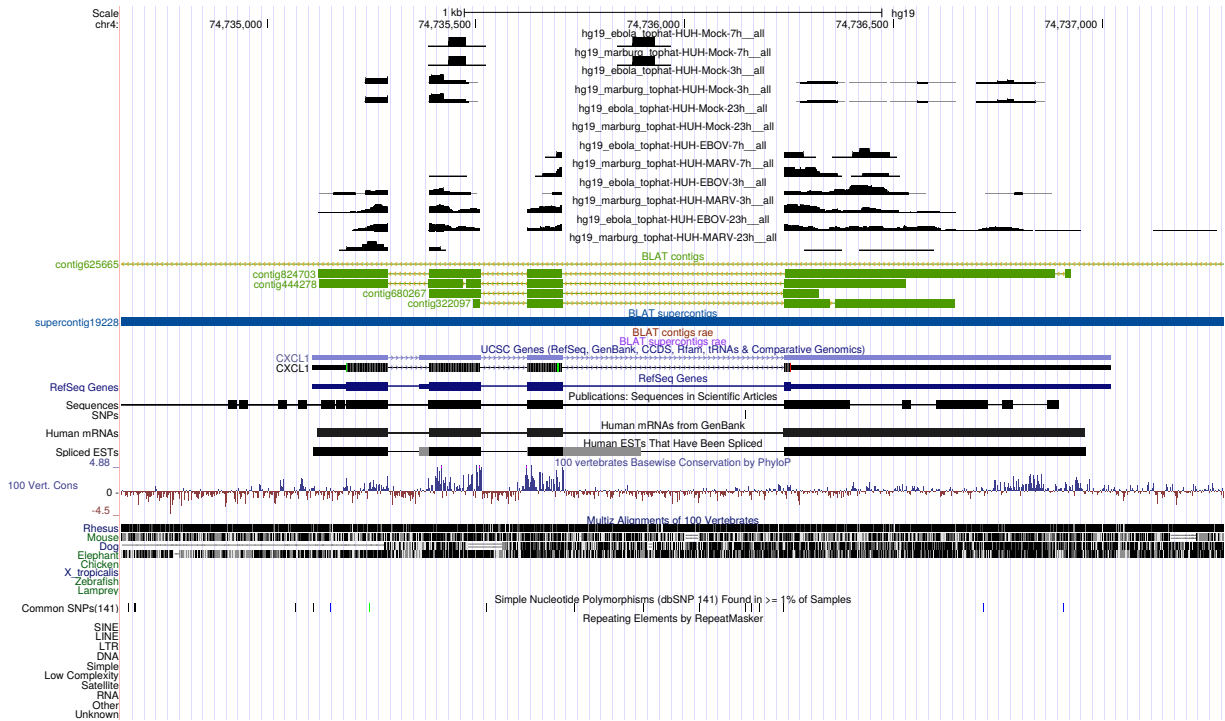


Figure 3: UCSC Genome Browser screenshot of gene CXCL1.