

# 1 CXCL12

This gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. The encoded protein functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4, and plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Mutations in this gene are associated with resistance to human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene.

No expression observed.



Figure 1: IGV Genome Browser screenshot of gene CXCL12.

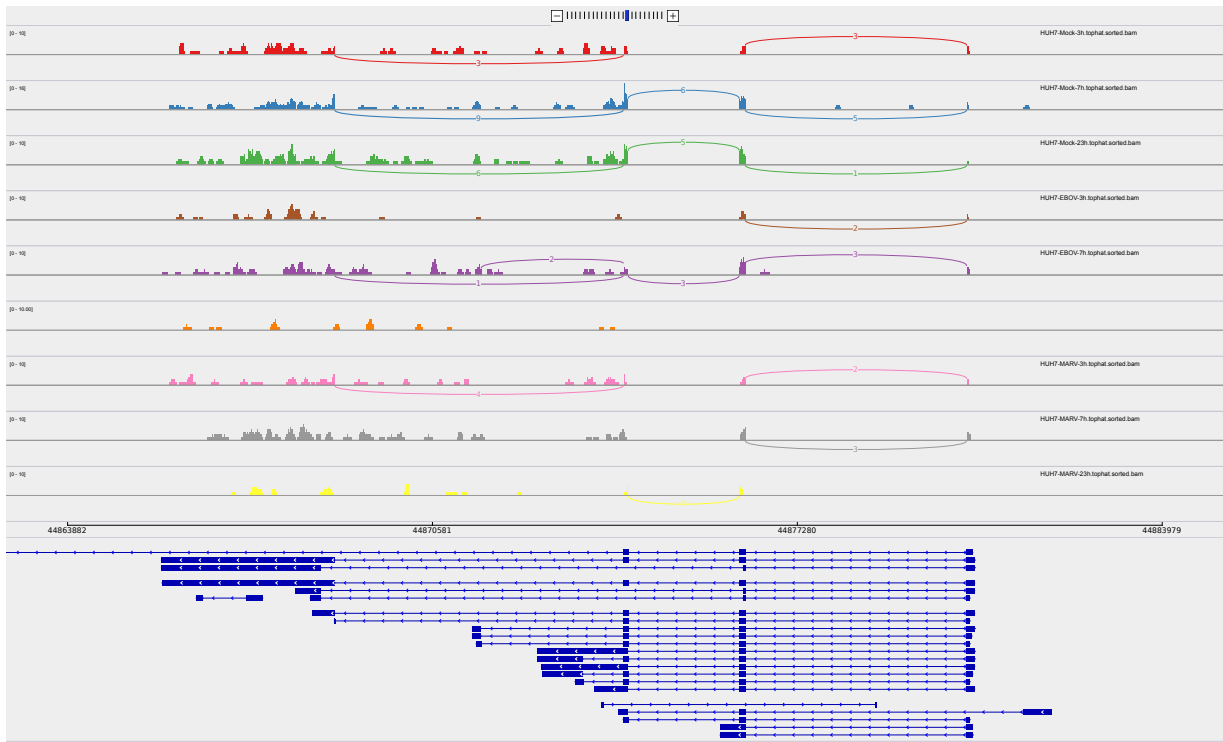


Figure 2: Sashimi plot of gene CXCL12.

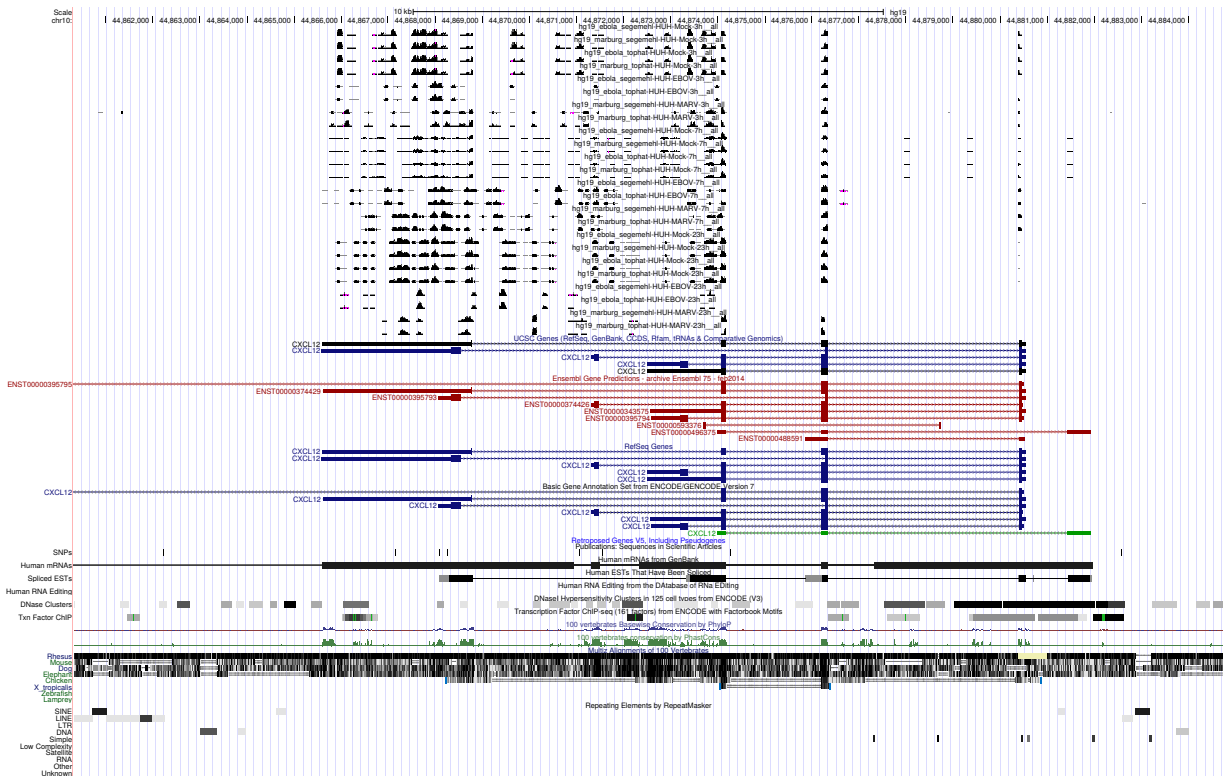


Figure 3: UCSC Genome Browser screenshot of gene CXCL12.