

1 ITGA1

Homo sapiens integrin, alpha 1 (ITGA1), mRNA. This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding. [provided by RefSeq, Jul 2008]. This gene is well expressed in human cells (300 counts) and slightly downregulated in infected (MARV/EBOLA) samples. Expression in bat cells is considerably weaker (70 counts).

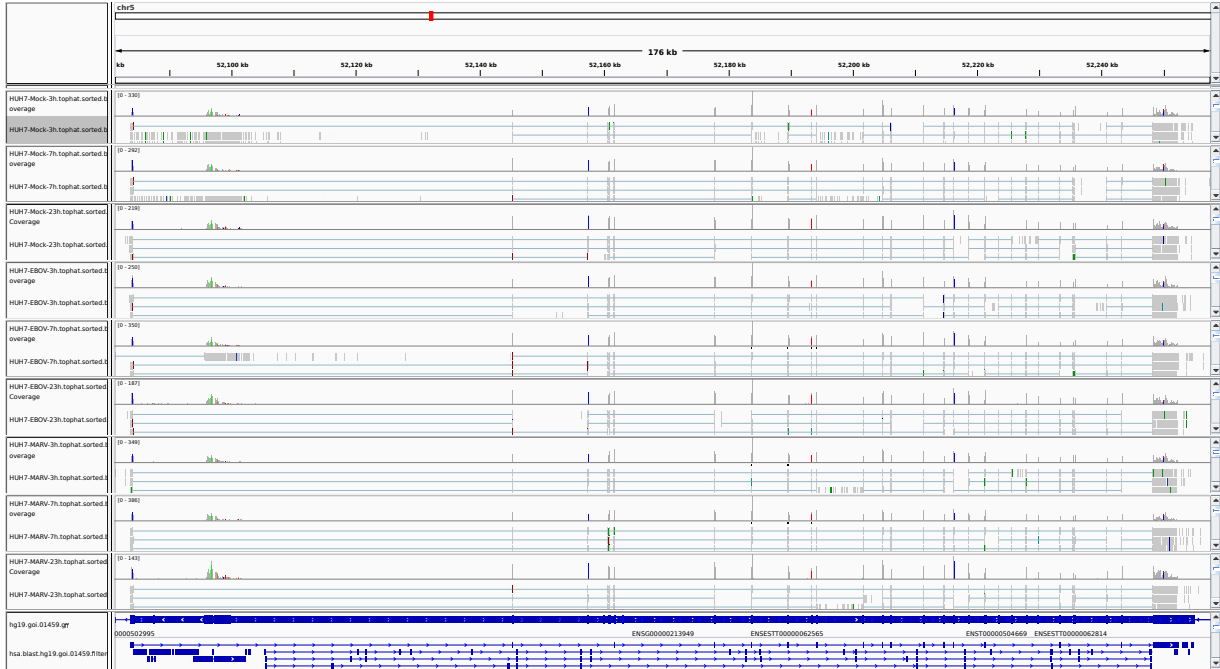


Figure 1: IGV Genome Browser screenshot of gene ITGA1.

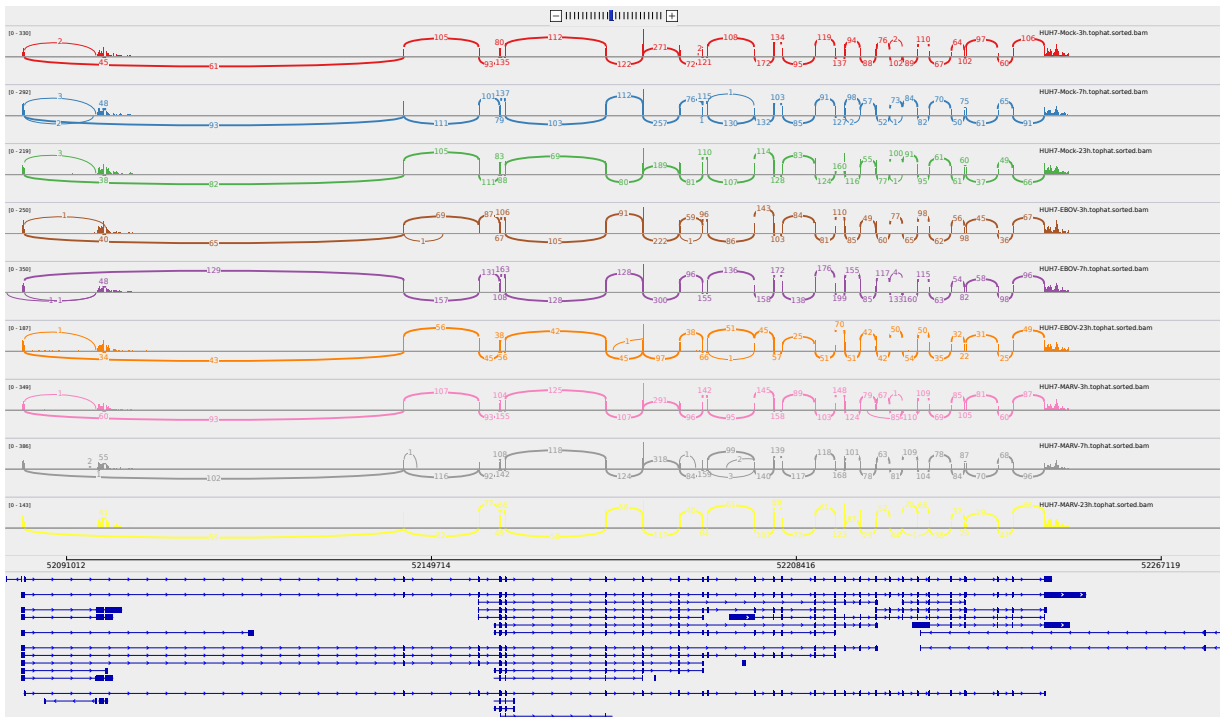


Figure 2: Sashimi plot of gene ITGA1.

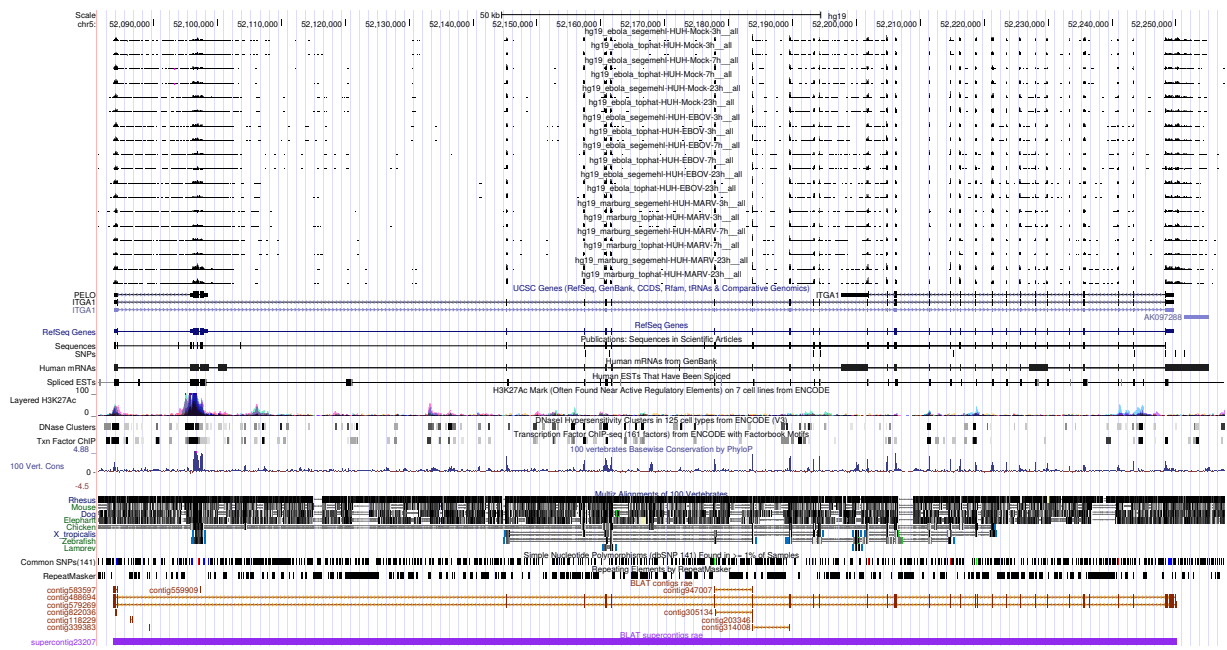


Figure 3: UCSC Genome Browser screenshot of gene ITGA1.