

1 hg19.goi.00834

This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants.

Constantly expressed in human and bat.

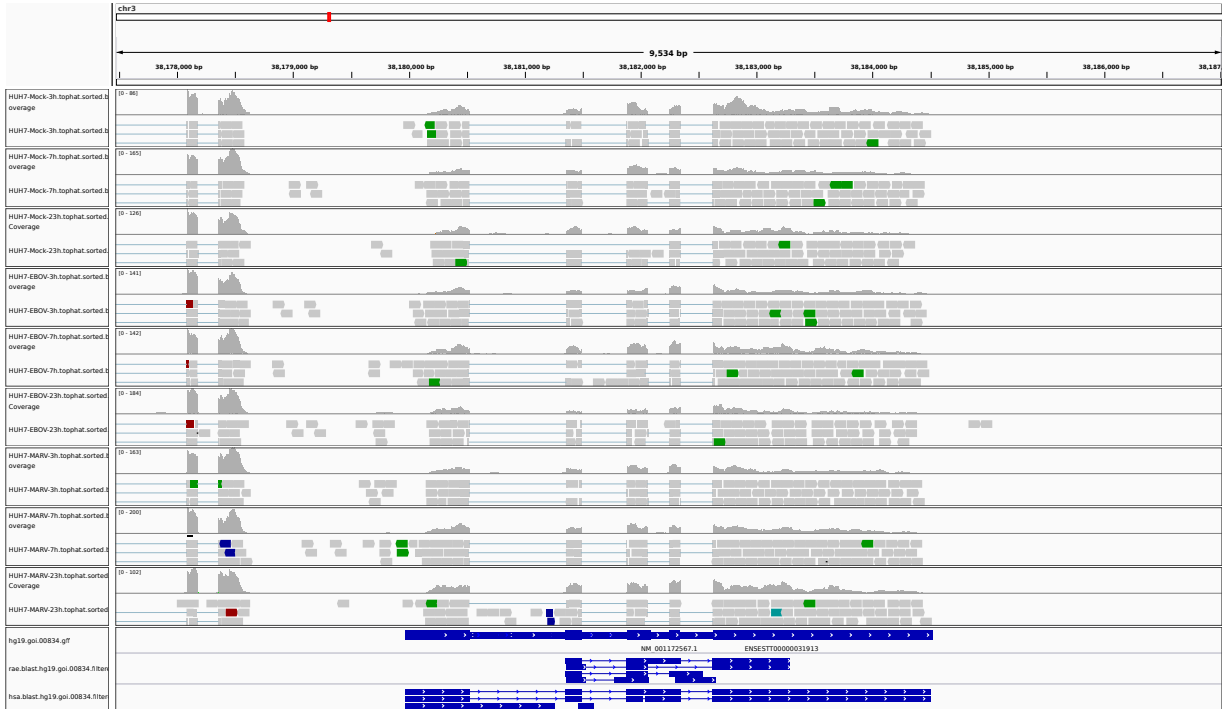


Figure 1: IGV Genome Browser screenshot of gene hg19.goi.00834.

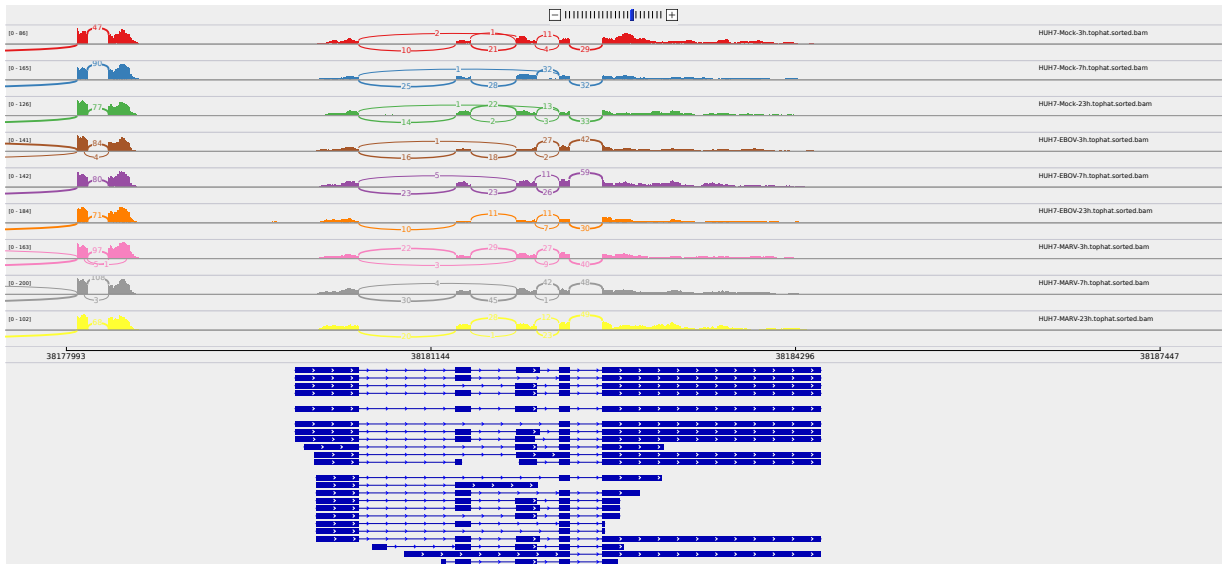


Figure 2: Sashimi plot of gene hg19.goi.00834.

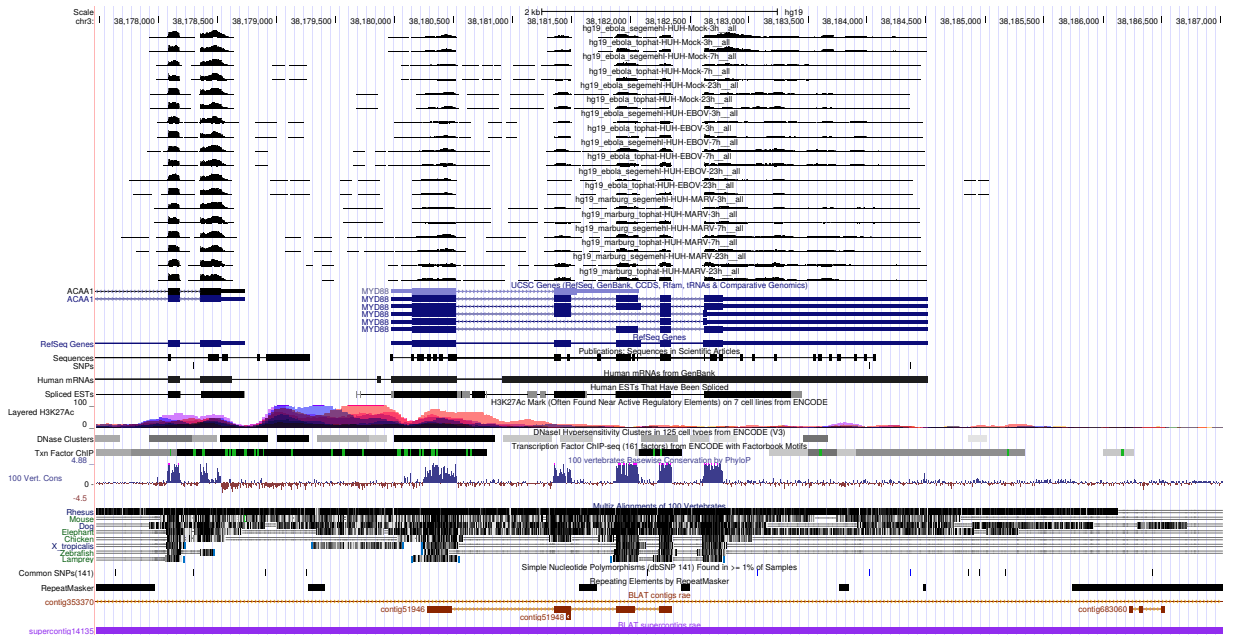


Figure 3: UCSC Genome Browser screenshot of gene hg19.goi.00834.