

# 1 TNFRSF11B

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein is an osteoblast-secreted decoy receptor that functions as a negative regulator of bone resorption. This protein specifically binds to its ligand, osteoprotegerin ligand, both of which are key extracellular regulators of osteoclast development. Studies of the mouse counterpart also suggest that this protein and its ligand play a role in lymph-node organogenesis and vascular calcification. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined.

The expression of this gene was found to be 0.25 times down-regulated in human 23 h Ebola probe. No homolog was found in bat.

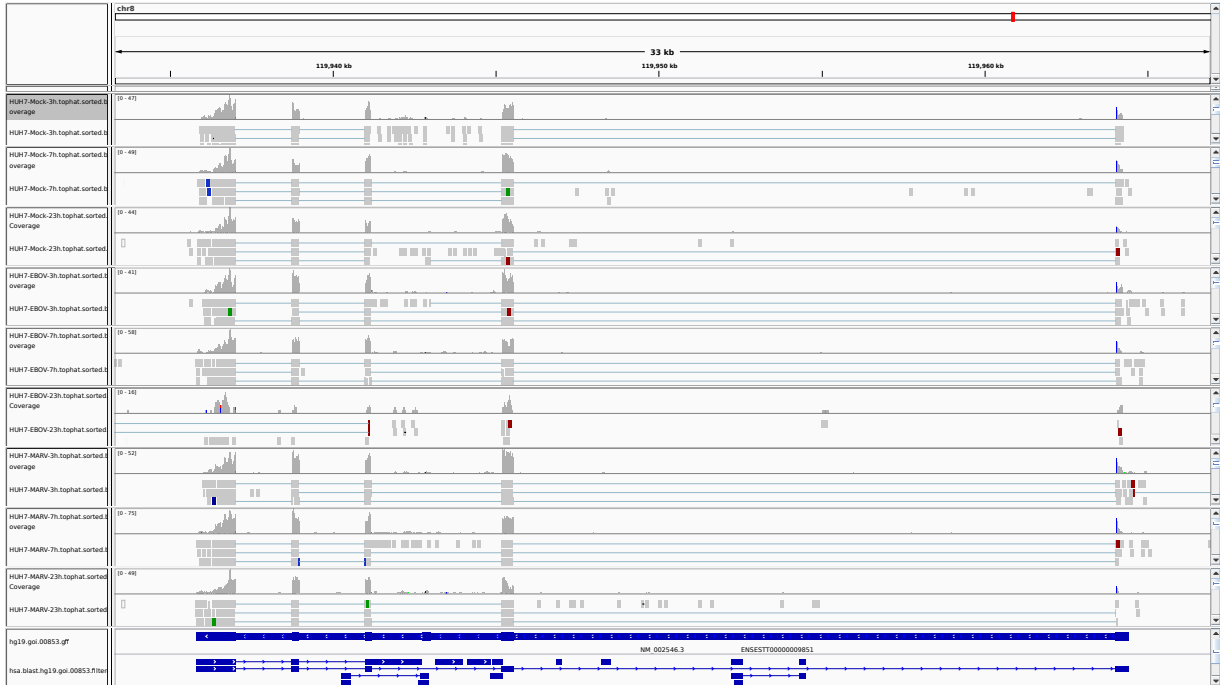


Figure 1: IGV Genome Browser screenshot of gene TNFRSF11B.

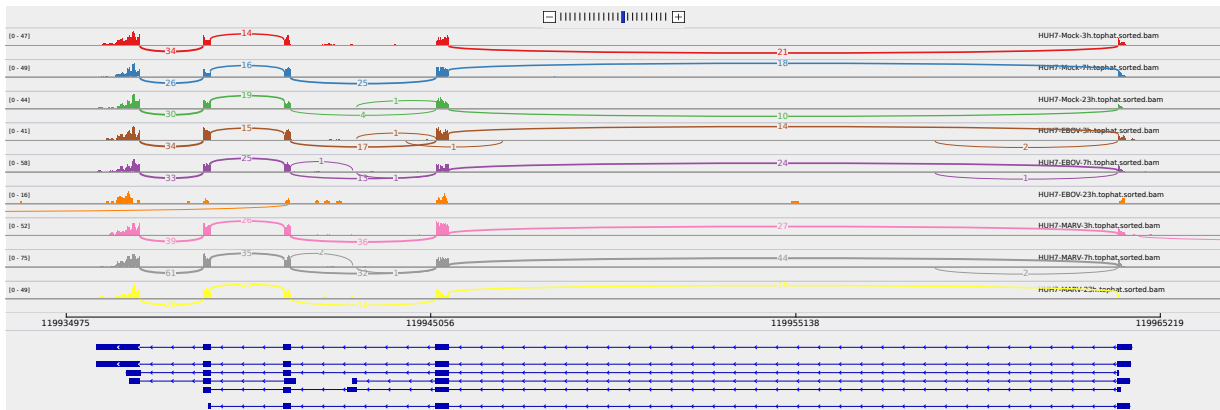


Figure 2: Sashimi plot of gene TNFRSF11B.

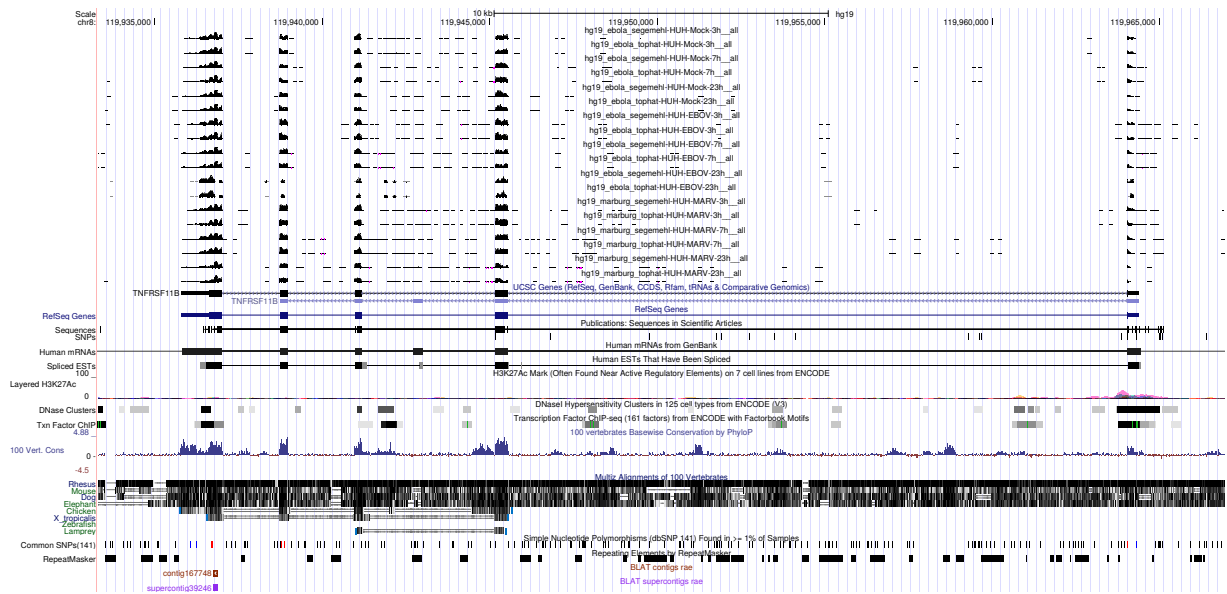


Figure 3: UCSC Genome Browser screenshot of gene TNFRSF11B.