

1 NFKB2

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFκB). The NFκB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants. (provided by RefSeq, Dec 2013)

NFKB2 is strongly overexpressed in the Ebola infected cells in human after 23 h, which may be a hint at functional role.



Figure 1: IGV Genome Browser screenshot of gene NFKB2. Extraordinary high expression in dataset ebola 23h compared to rest.

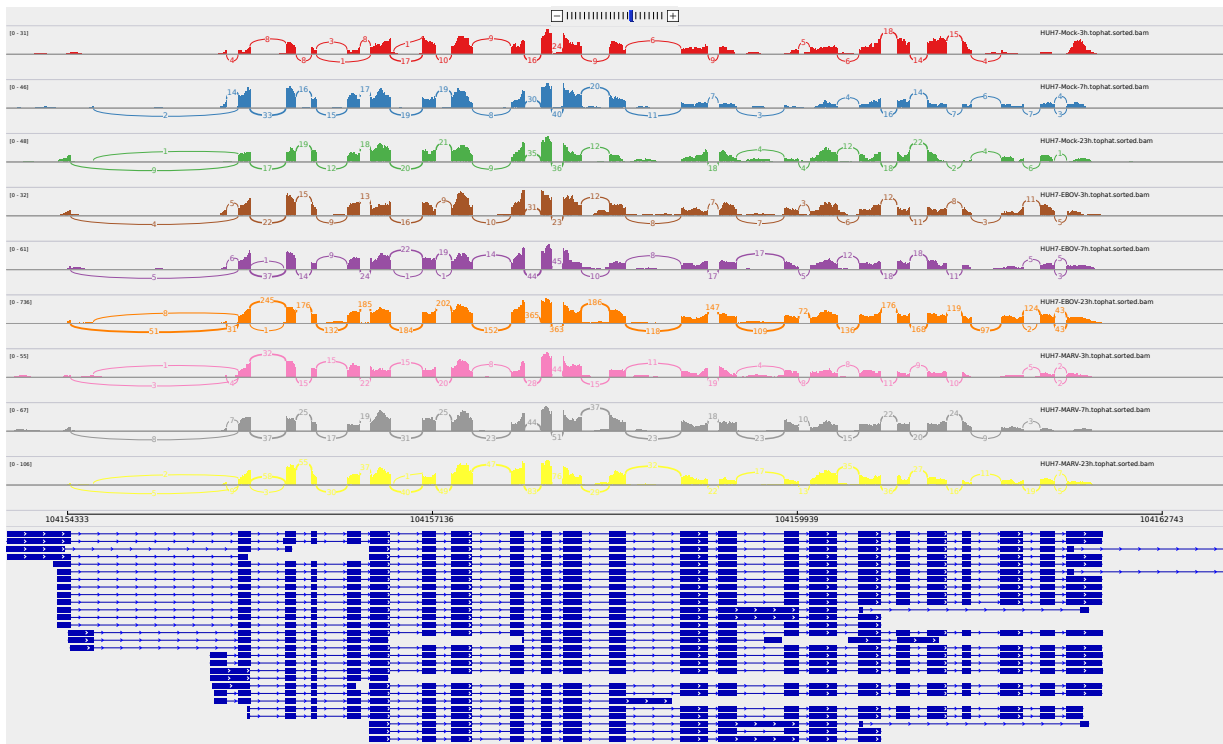


Figure 2: Sashimi plot of gene NFKB2. Expected exon structure.

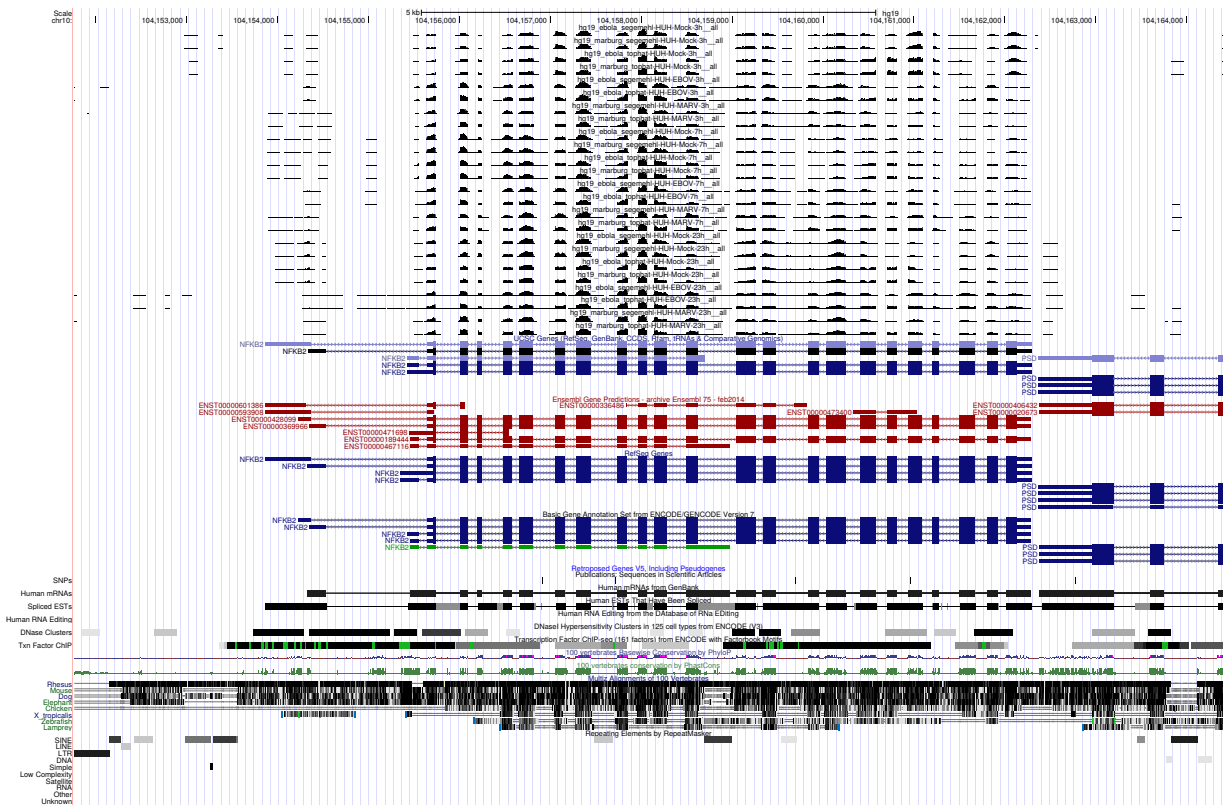


Figure 3: UCSC Genome Browser screenshot of gene NFKB2.