

1 NR4A1

This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene.

Very low expression in most samples in human, but huge increase in expression after Ebola infection in human cells after 23 h. Little to no expression in bat homolog.

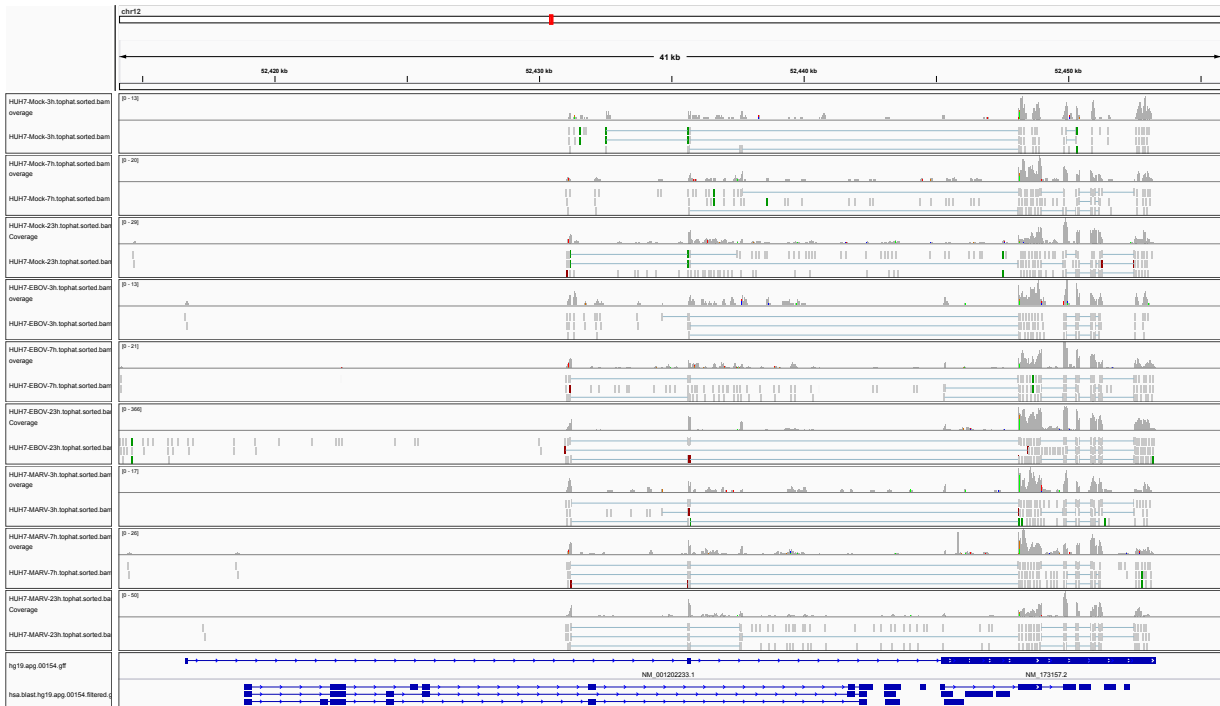


Figure 1: IGV Genome Browser screenshot of gene NR4A1.

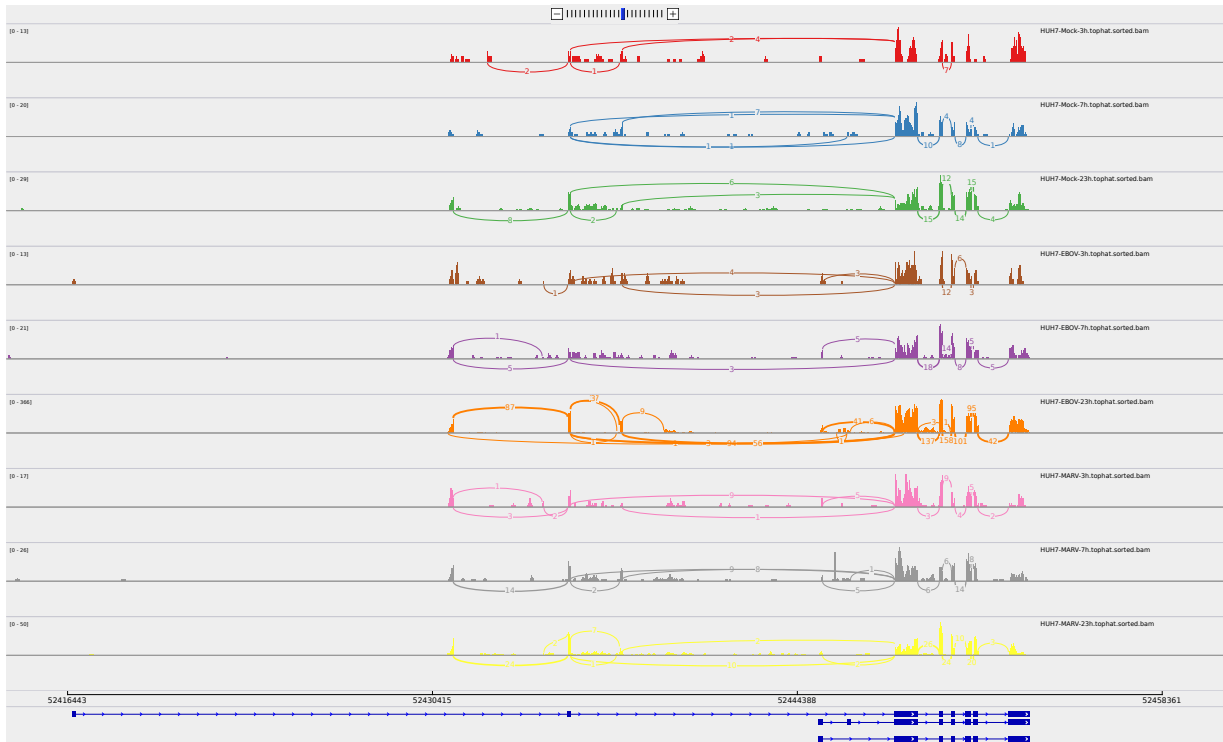


Figure 2: Sashimi plot of gene NR4A1.

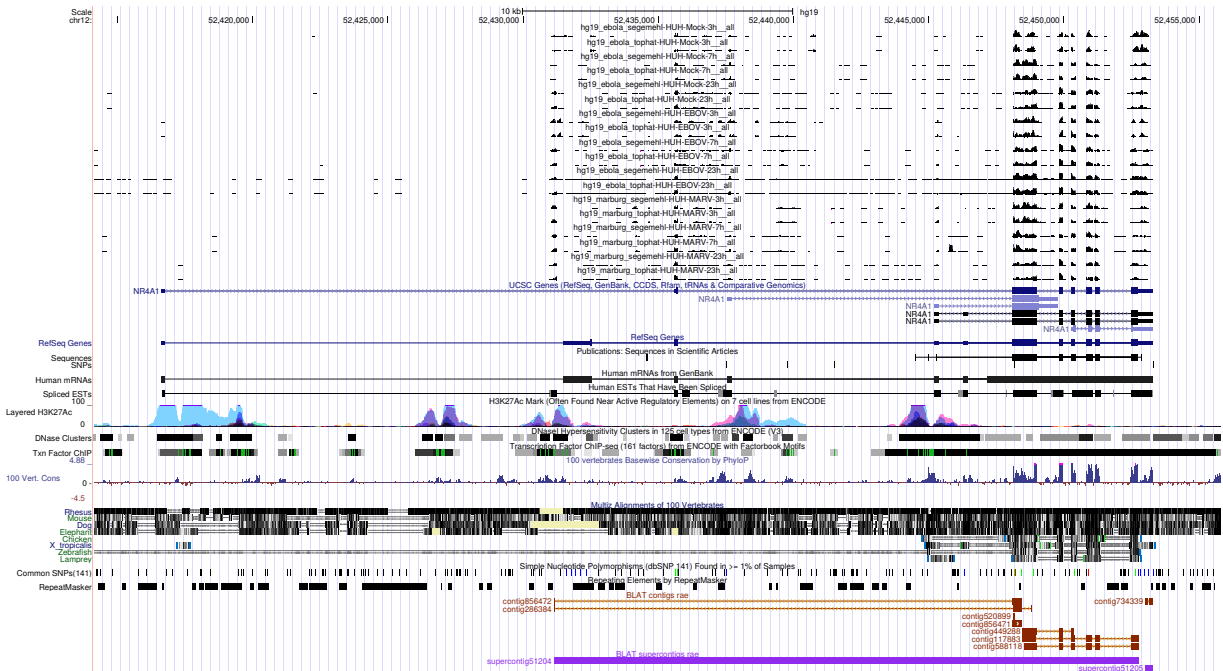


Figure 3: UCSC Genome Browser screenshot of gene NR4A1.