

# 1 NR4A3

This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcriptional activator. The protein can efficiently bind the NGFI-B Response Element (NBRE). Three different versions of extraskeletal myxoid chondrosarcomas (EMCs) are the result of reciprocal translocations between this gene and other genes. The translocation breakpoints are associated with Nuclear Receptor Subfamily 4, Group A, Member 3 (on chromosome 9) and either Ewing Sarcome Breakpoint Region 1 (on chromosome 22), RNA Polymerase II, TATA Box-Binding Protein-Associated Factor, 68-KD (on chromosome 17), or Transcription factor 12 (on chromosome 15). Multiple transcript variants encoding different isoforms have been found for this gene.

This gene is not expressed in human cells. In bat cells we found a slight expression in all probes.

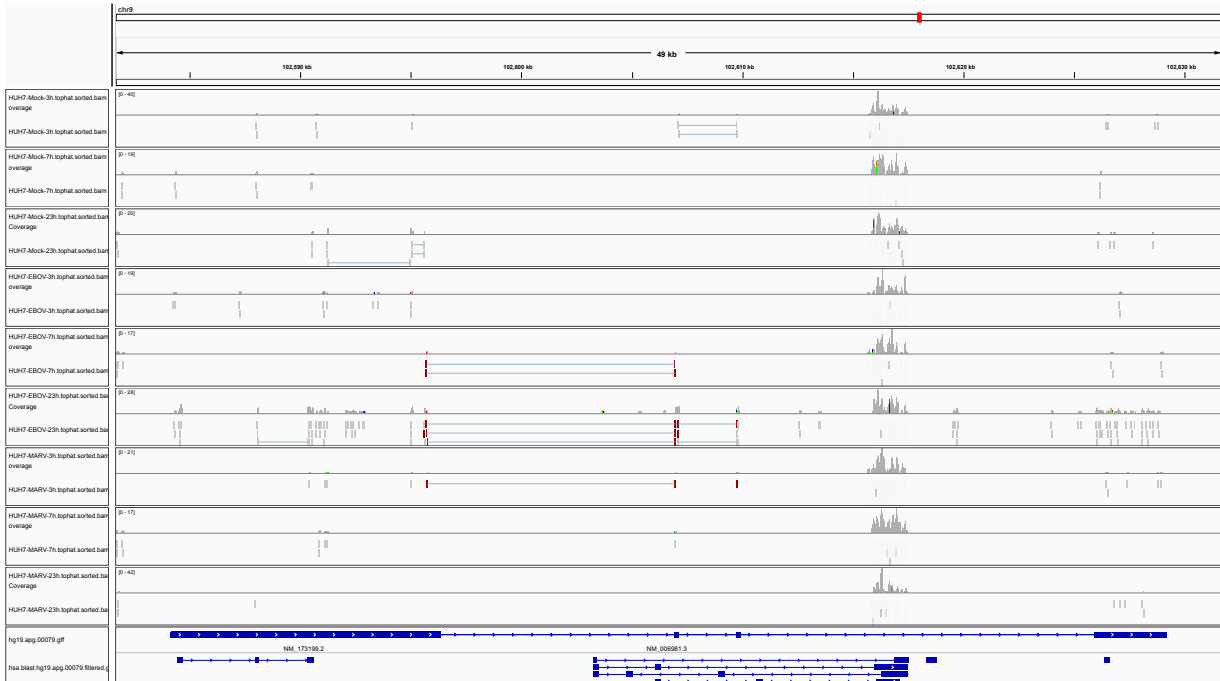


Figure 1: IGV Genome Browser screenshot of gene NR4A3.

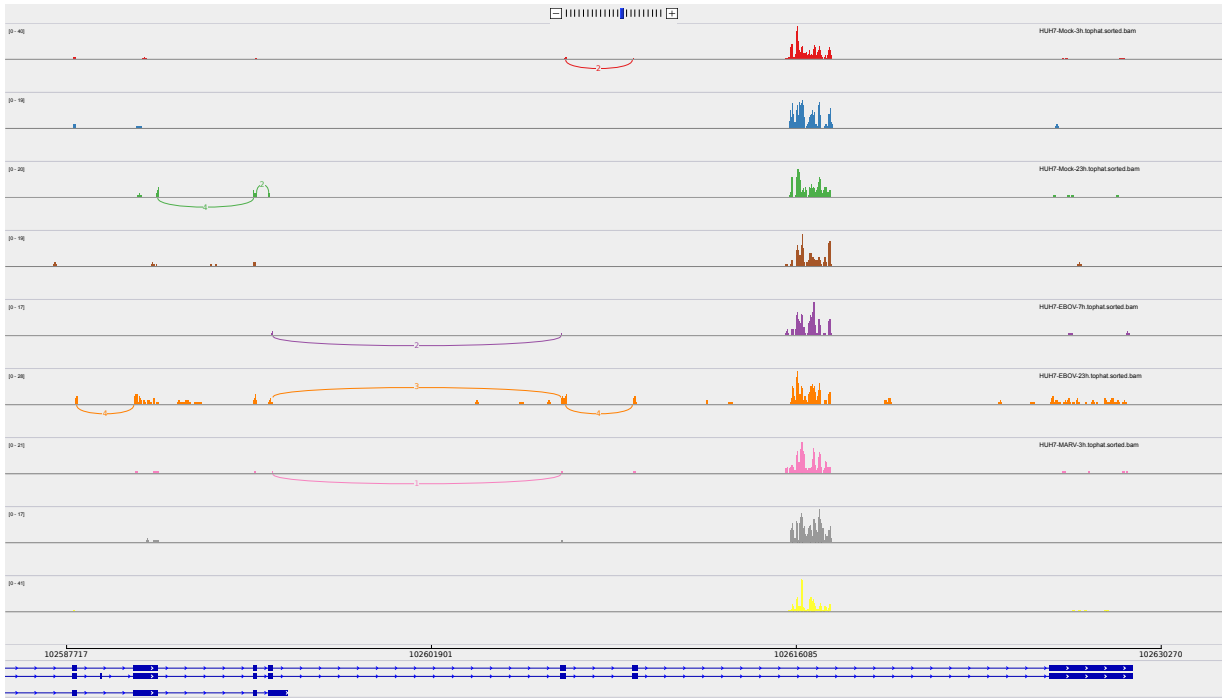


Figure 2: Sashimi plot of gene NR4A3.

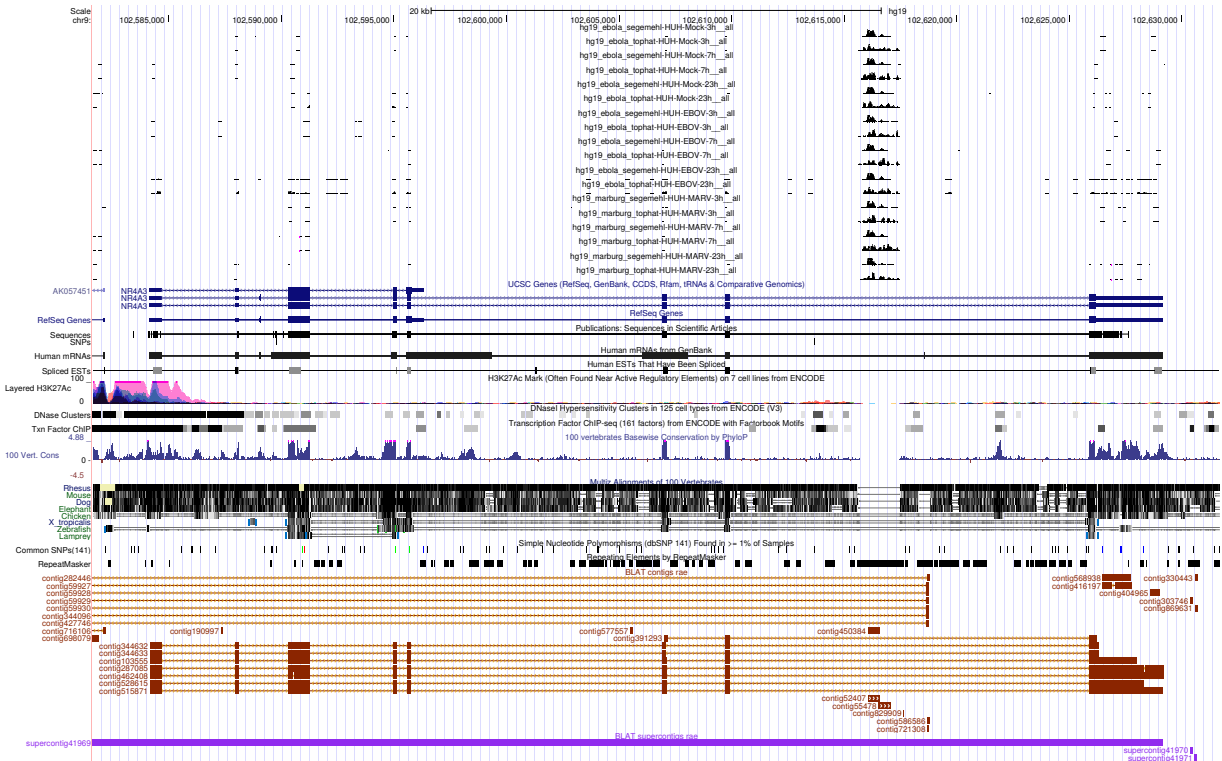


Figure 3: UCSC Genome Browser screenshot of gene NR4A3.