

# 1 SP110

The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140 family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified.

The gene is slightly expressed in human regardless of the infectious state. In contrast, the gene could not be detected in the transcriptome of bat.

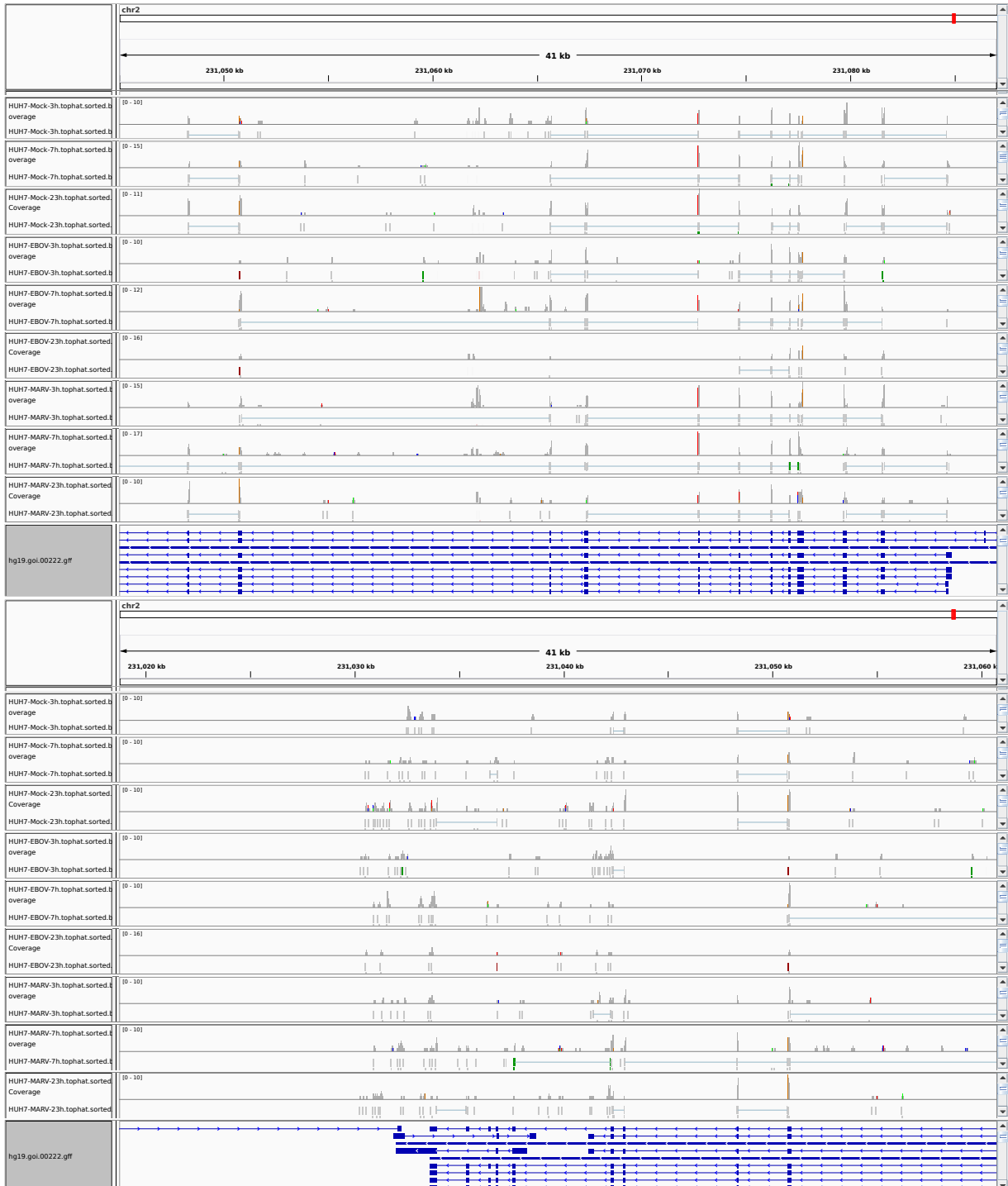


Figure 1: IGV Genome Browser screenshot of gene SP110.

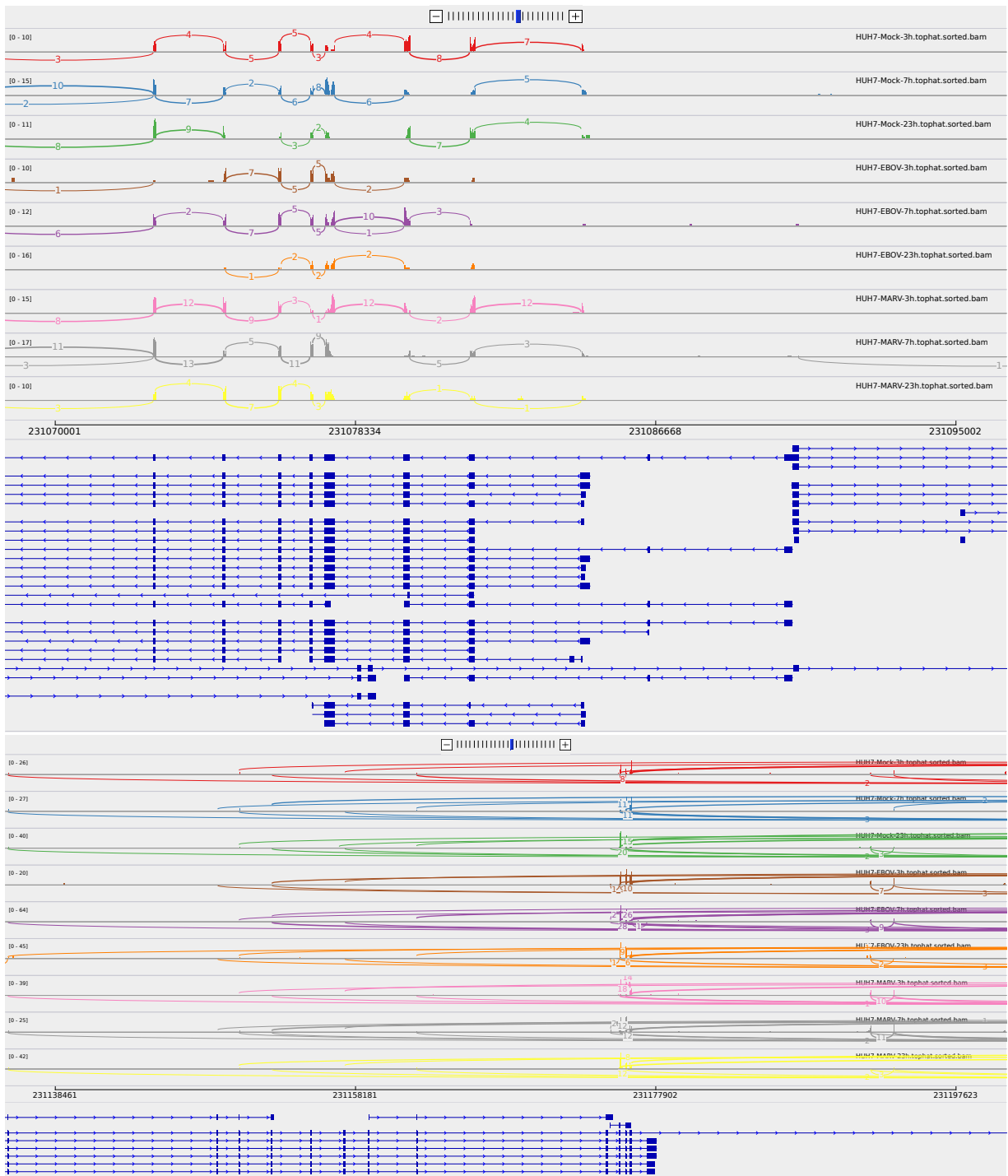


Figure 2: Sashimi plot of gene SP110.

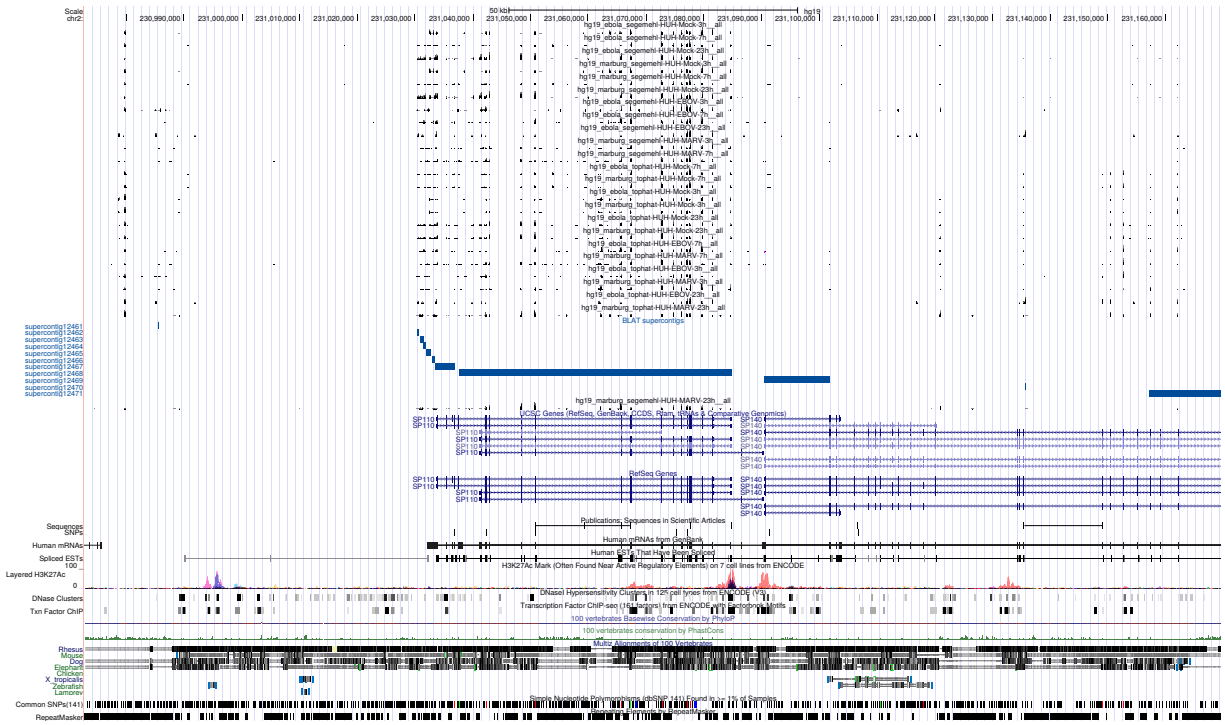


Figure 3: UCSC Genome Browser screenshot of gene SP110.