

1 ZRANB1

Positive regulator of the Wnt signaling pathway that specifically cleaves 'Lys-63'-linked ubiquitin chains. Acts by deubiquitinating APC protein, a negative regulator of Wnt-mediated transcription. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the stress fiber dynamics and cell migration. May also modulate TNF-alpha signaling. Gene expression is upregulated 23 hours after Ebola infection in Hu7 and in bat. This effect does also occur 23 hours after infection with Marburg virus for the bat cell line, but not for human.

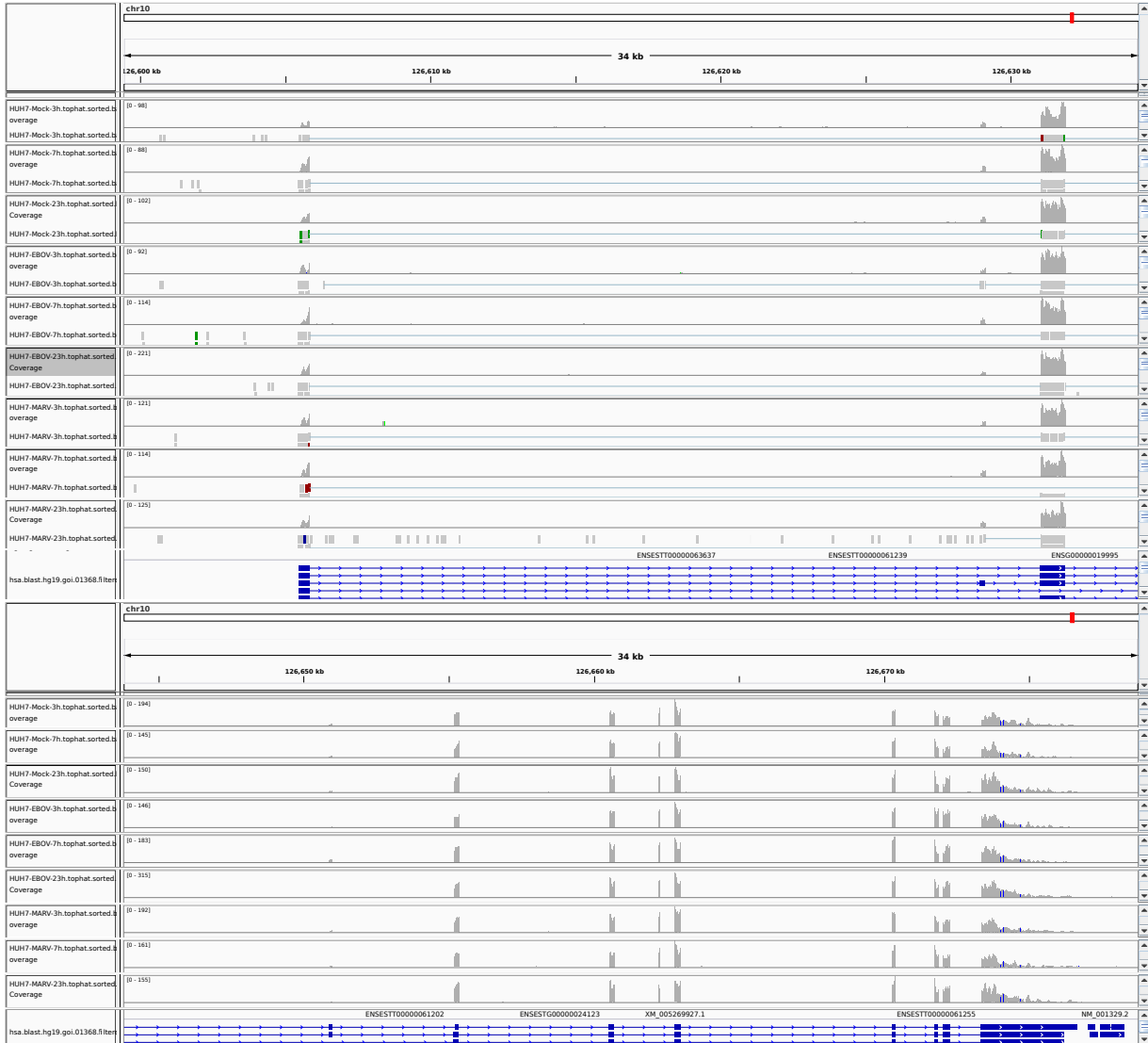


Figure 1: IGV Genome Browser screenshot of gene ZRANB1.

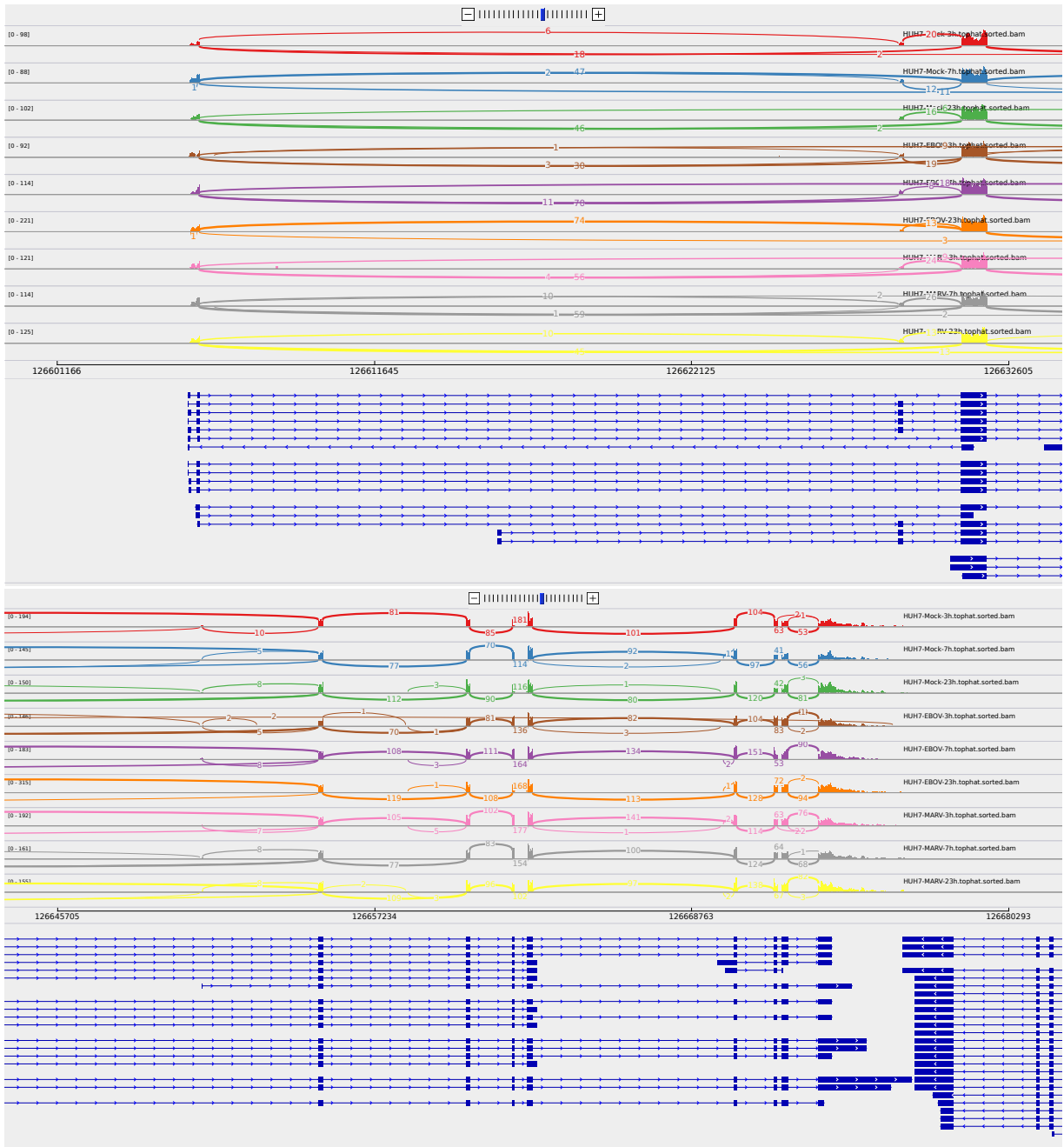


Figure 2: Sashimi plot of gene ZRANB1.

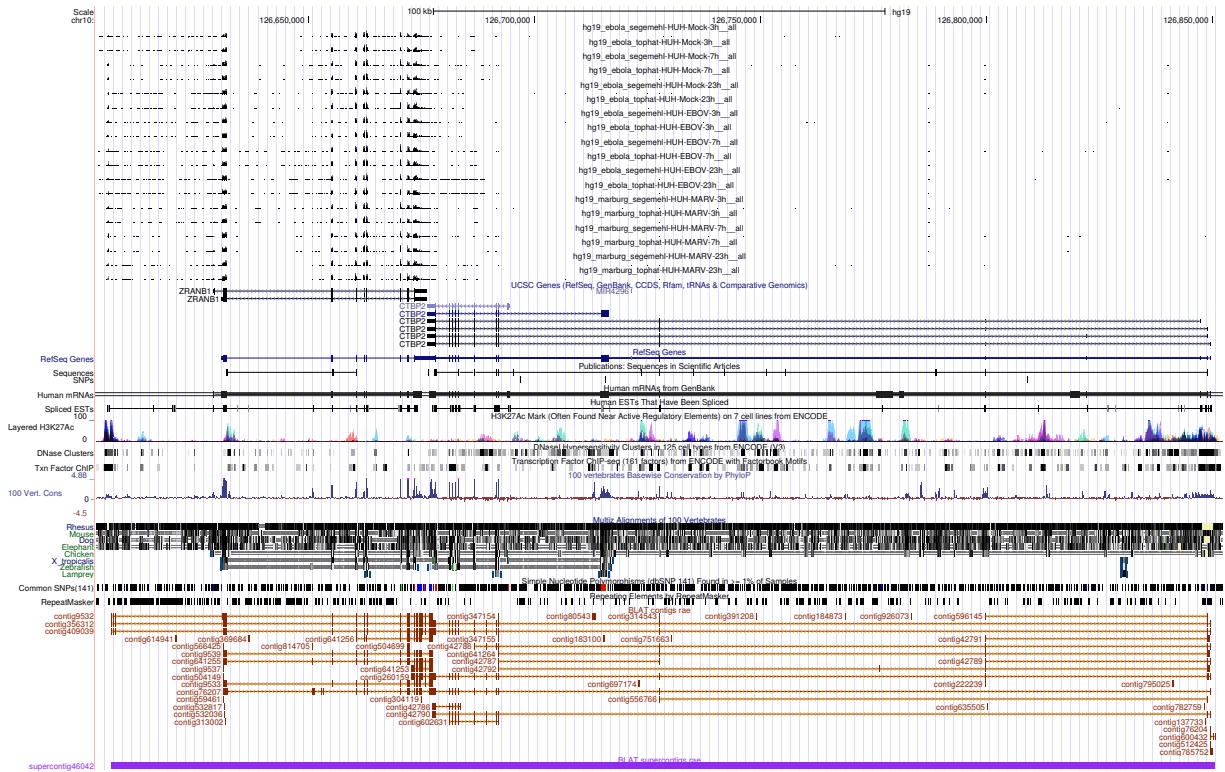


Figure 3: UCSC Genome Browser screenshot of gene ZRANB1.