

1 ERN1

The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals.

This gene is two fold upregulated in the Ebola infected probes of human and bat. In the Marburg infected probes its expression is only slightly increased, but to few reads (max of 53 per nucleotide) were mapped to make an exact statement.

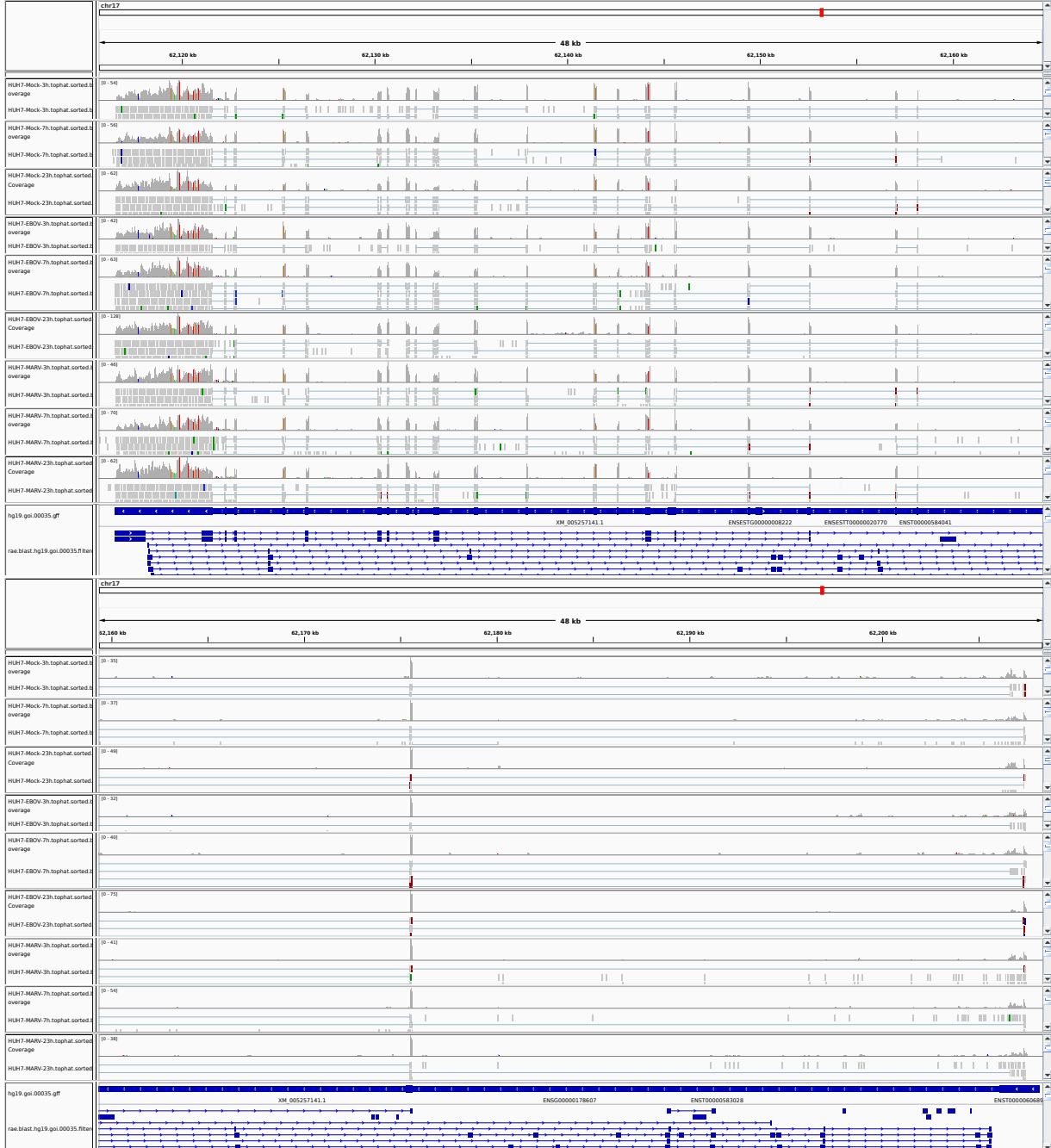


Figure 1: IGV Genome Browser screenshot of gene ERN1.

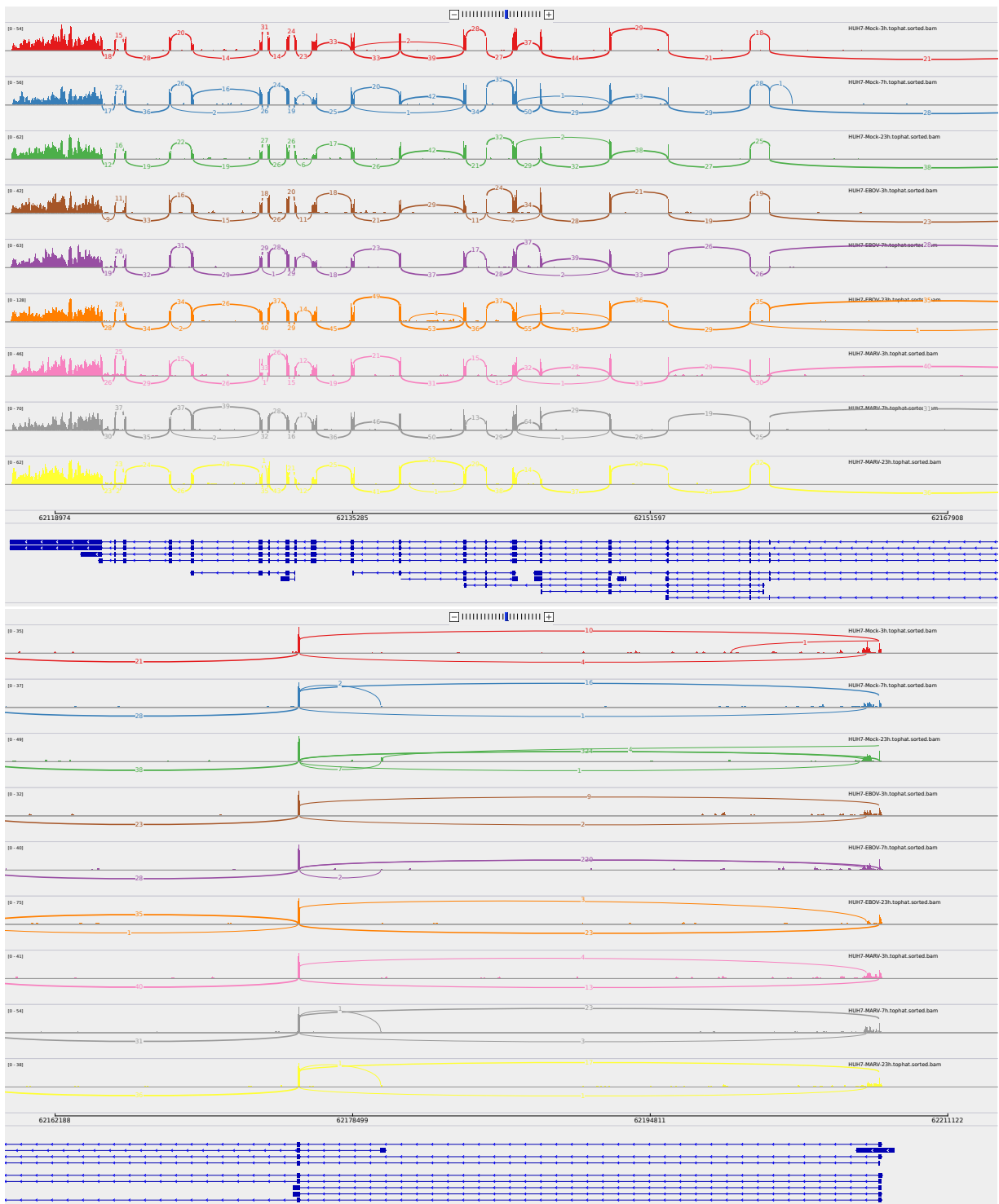


Figure 2: Sashimi plot of gene ERN1.

