

1 TRIM25

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to the cytoplasm. The presence of potential DNA-binding and dimerization-transactivation domains suggests that this protein may act as a transcription factor, similar to several other members of the TRIM family. Expression of the gene is upregulated in response to estrogen, and it is thought to mediate estrogen actions in breast cancer as a primary response gene.

There might be a non-coding transcript located in the second, as we see about 300 reads mapping in this intron within the bat data and 10 in the human data, for each condition.

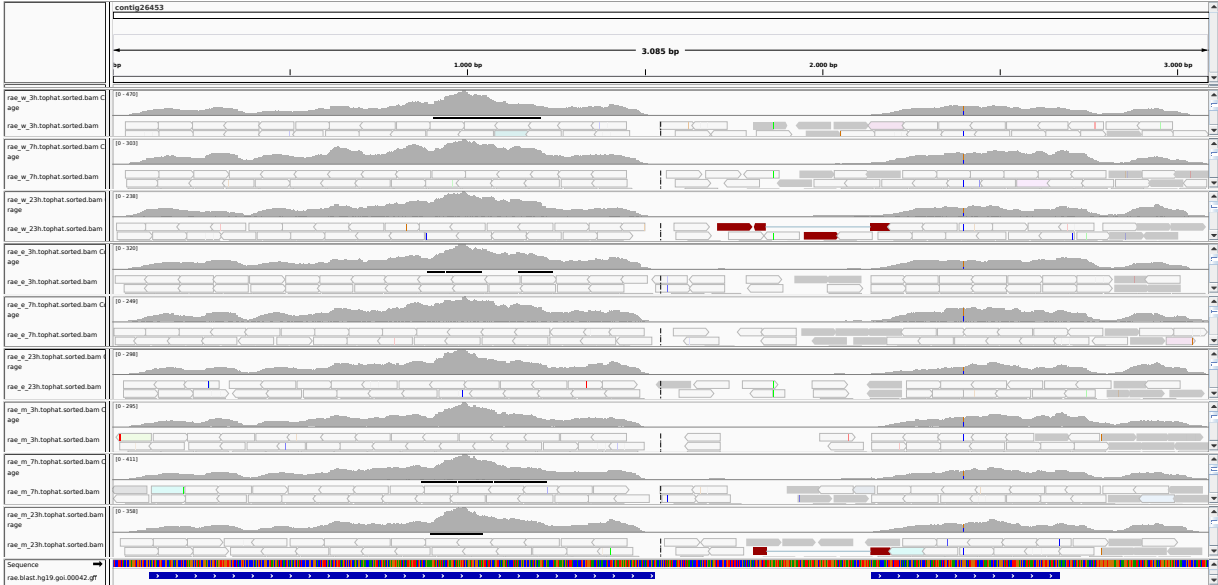


Figure 1: IGV Genome Browser screenshot of gene TRIM25.

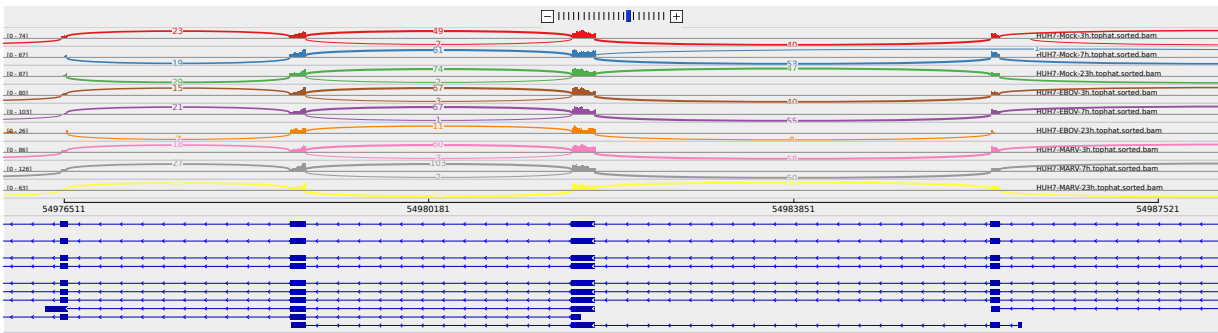


Figure 2: Sashimi plot of gene TRIM25.

