

1 PPP1CB

The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed.

Only the EBOV-23h infected human cells show a few 3'UTR-extended transcripts.

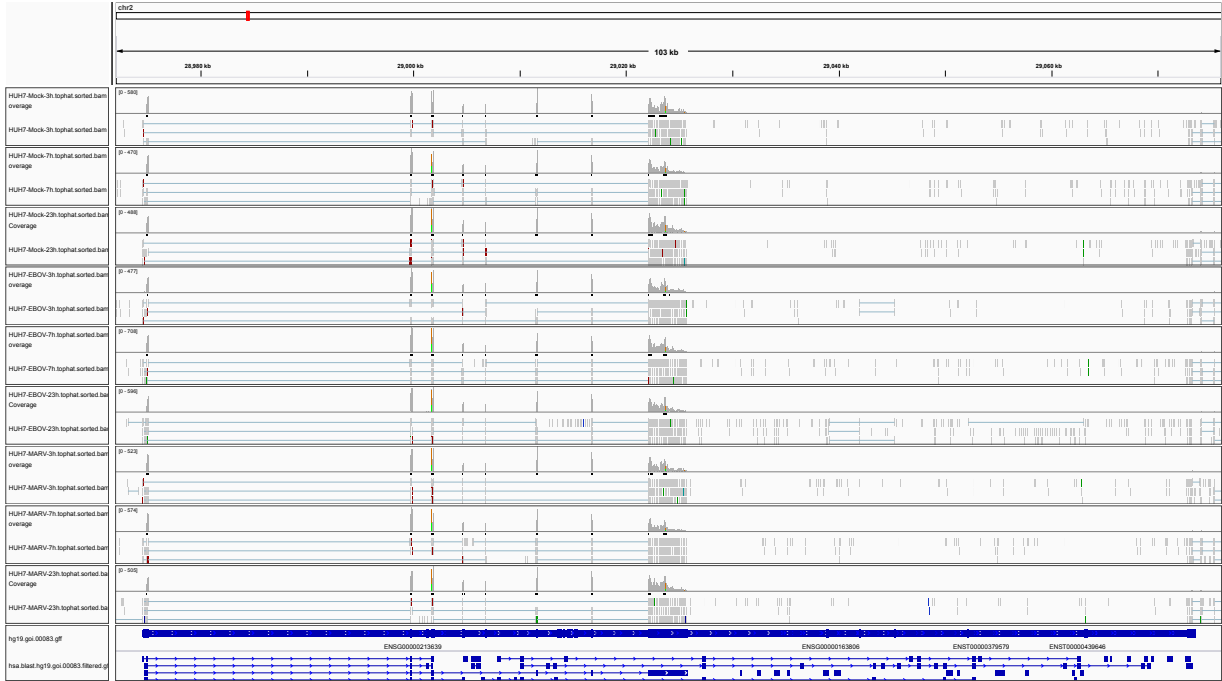


Figure 1: IGV Genome Browser screenshot of gene PPP1CB.

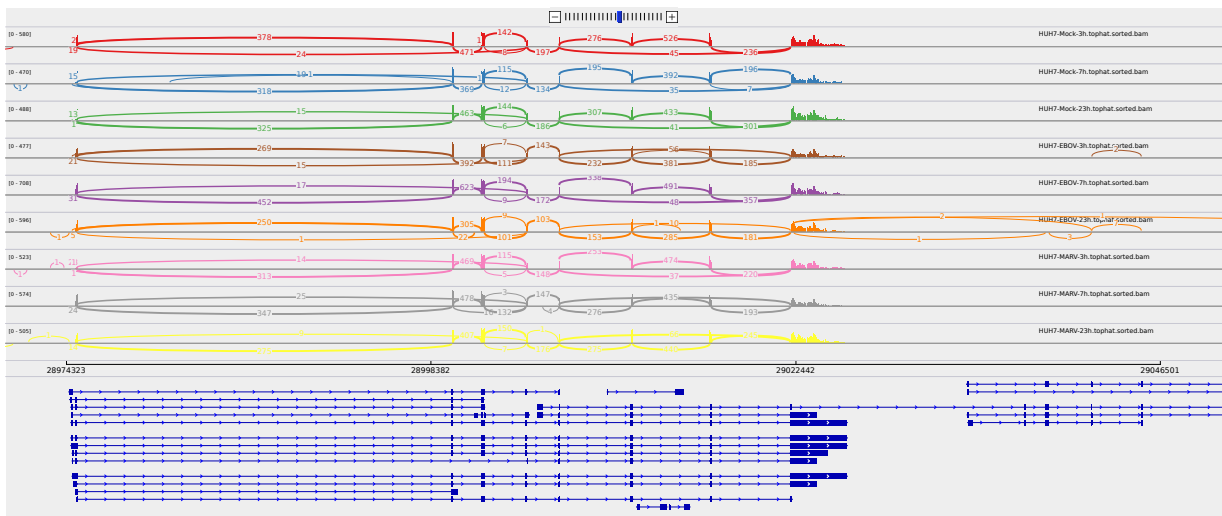


Figure 2: Sashimi plot of gene PPP1CB.

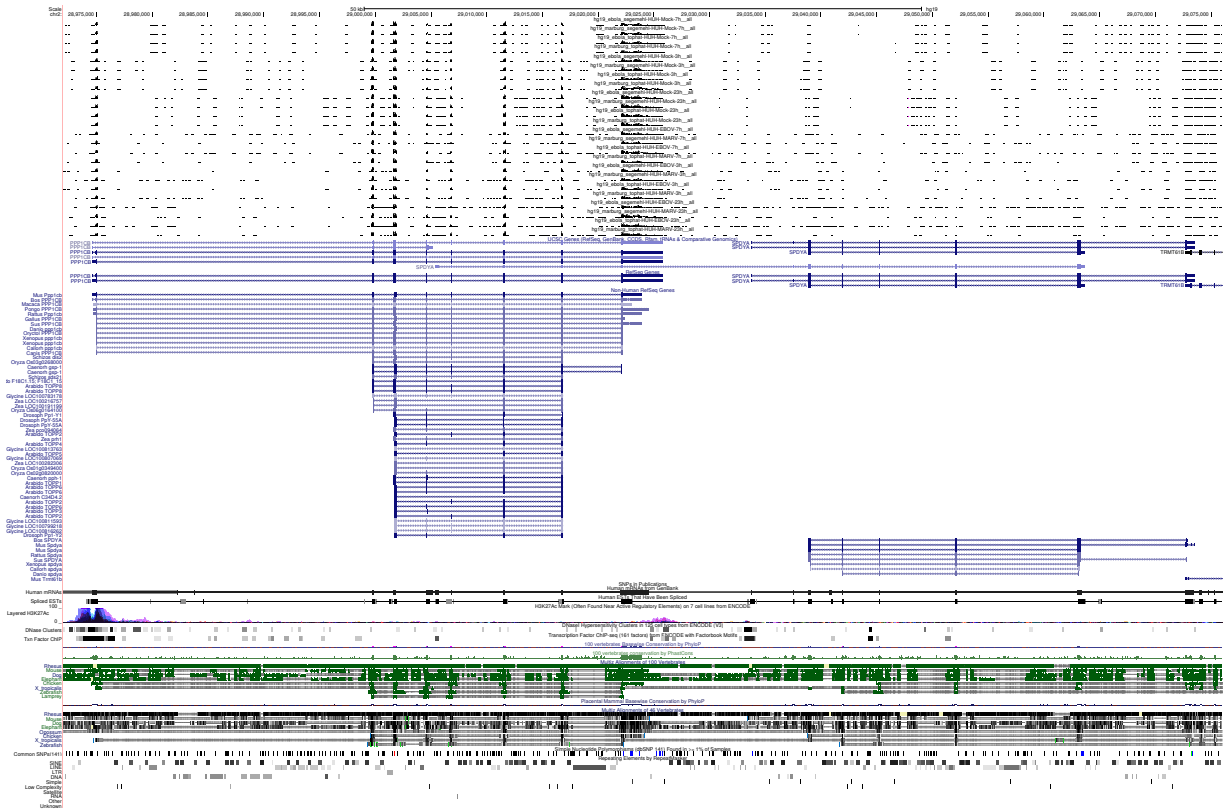


Figure 3: UCSC Genome Browser screenshot of gene PPP1CB.