

1 MAPK9

Homo sapiens mitogen-activated protein kinase 9 (MAPK9), Member of the MAP kinase family. Mediates immediate-early gene expression in response to various cell stimuli, related to MAPK8, both of which are involved in UV radiation induced apoptosis, thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53, and thus it increases the stability of p53 in nonstressed cells.

*This gene is expressed across all samples. Interestingly, there is a drop in expression in all non-mock human 23 h samples. This might be relevant, as MAPK9/JNK2 promotes cell survival. See also Raciti *et al.* ?.*



Figure 1: IGV Genome Browser screenshot of gene MAPK9.

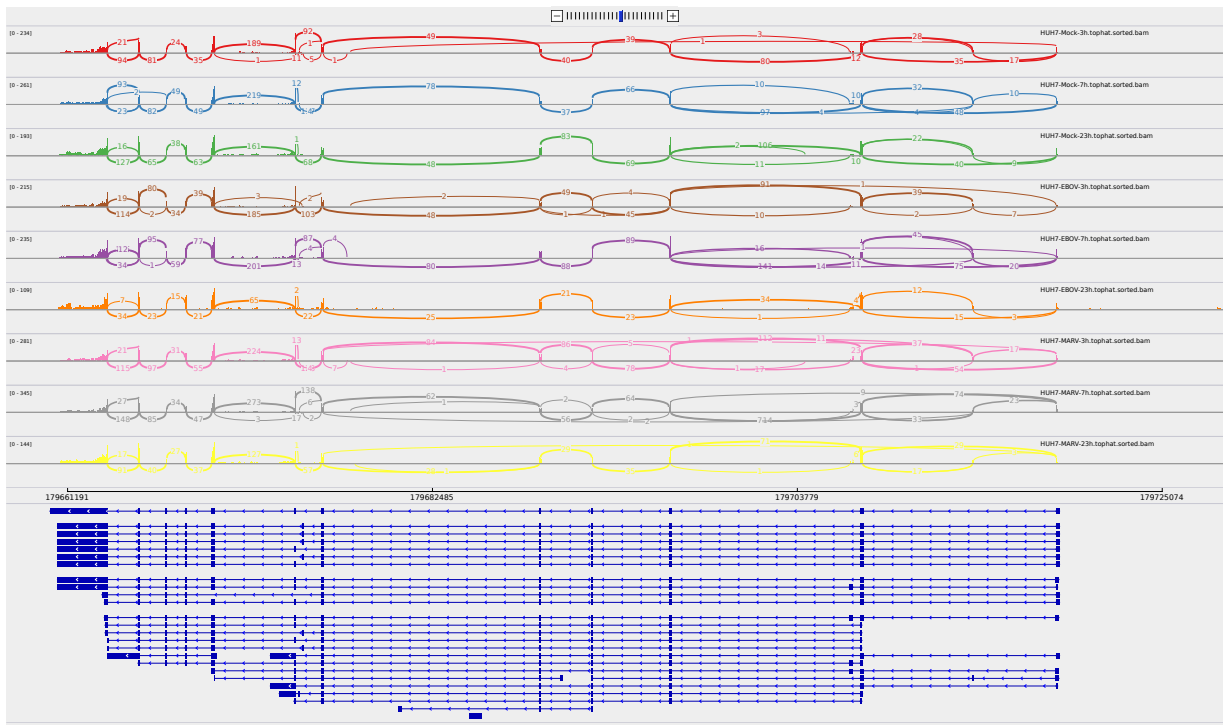


Figure 2: Sashimi plot of gene MAPK9.

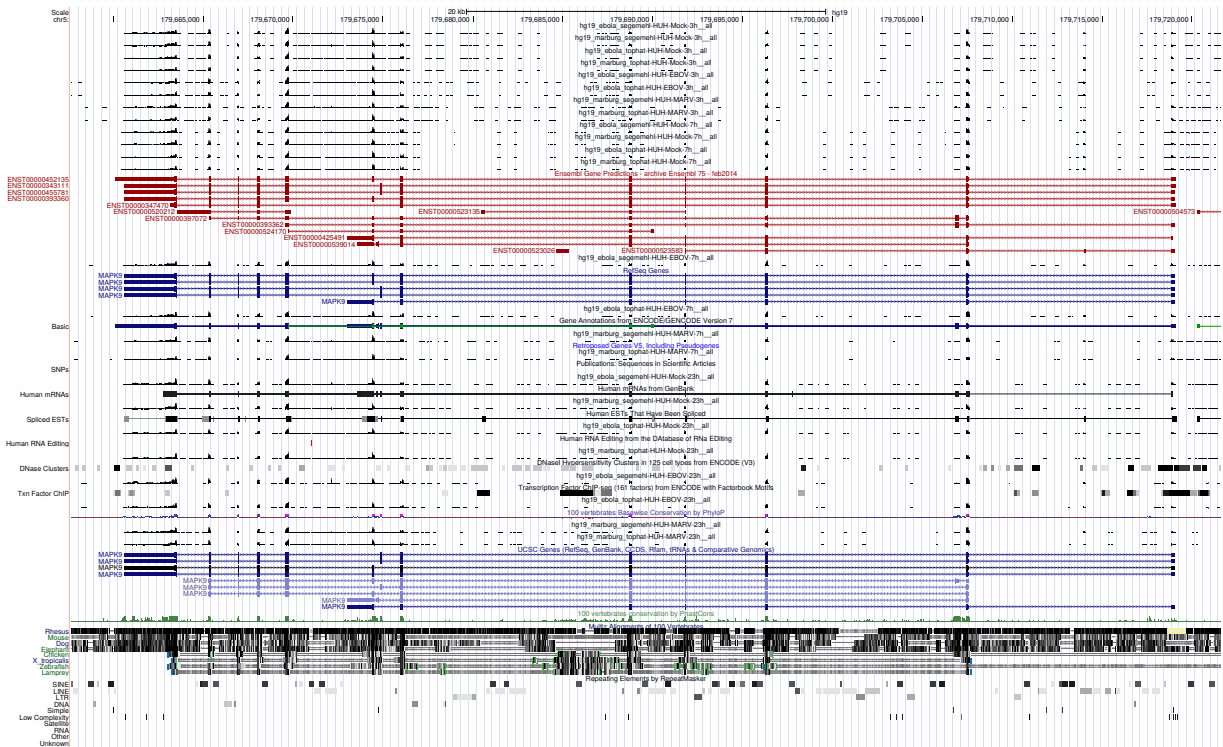


Figure 3: UCSC Genome Browser screenshot of gene MAPK9.