# 1 CASP7

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

This gene is found to be expressed in all probes but without significant expressional levels.

Figure 1: IGV Genome Browser screenshot of gene CASP7.

Figure 2: Sashimi plot of gene CASP7.

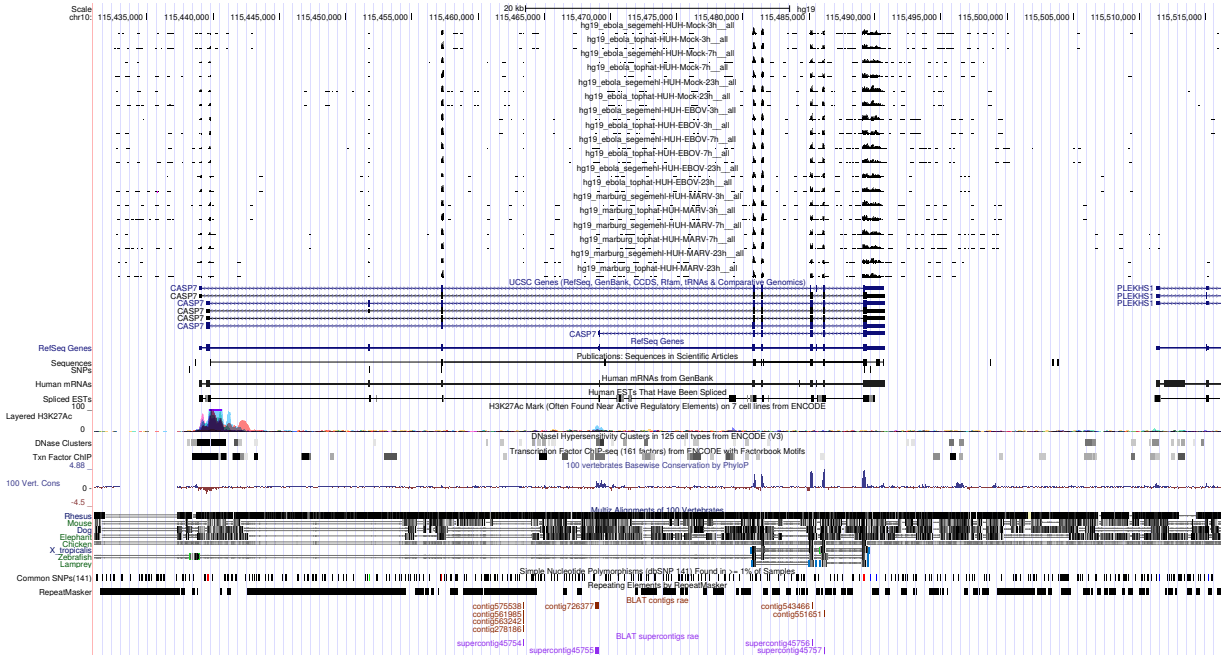


Figure 3: UCSC Genome Browser screenshot of gene CASP7.