

1 FGF18

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures. The gene is not expressed in human, neither is the bat homolog.

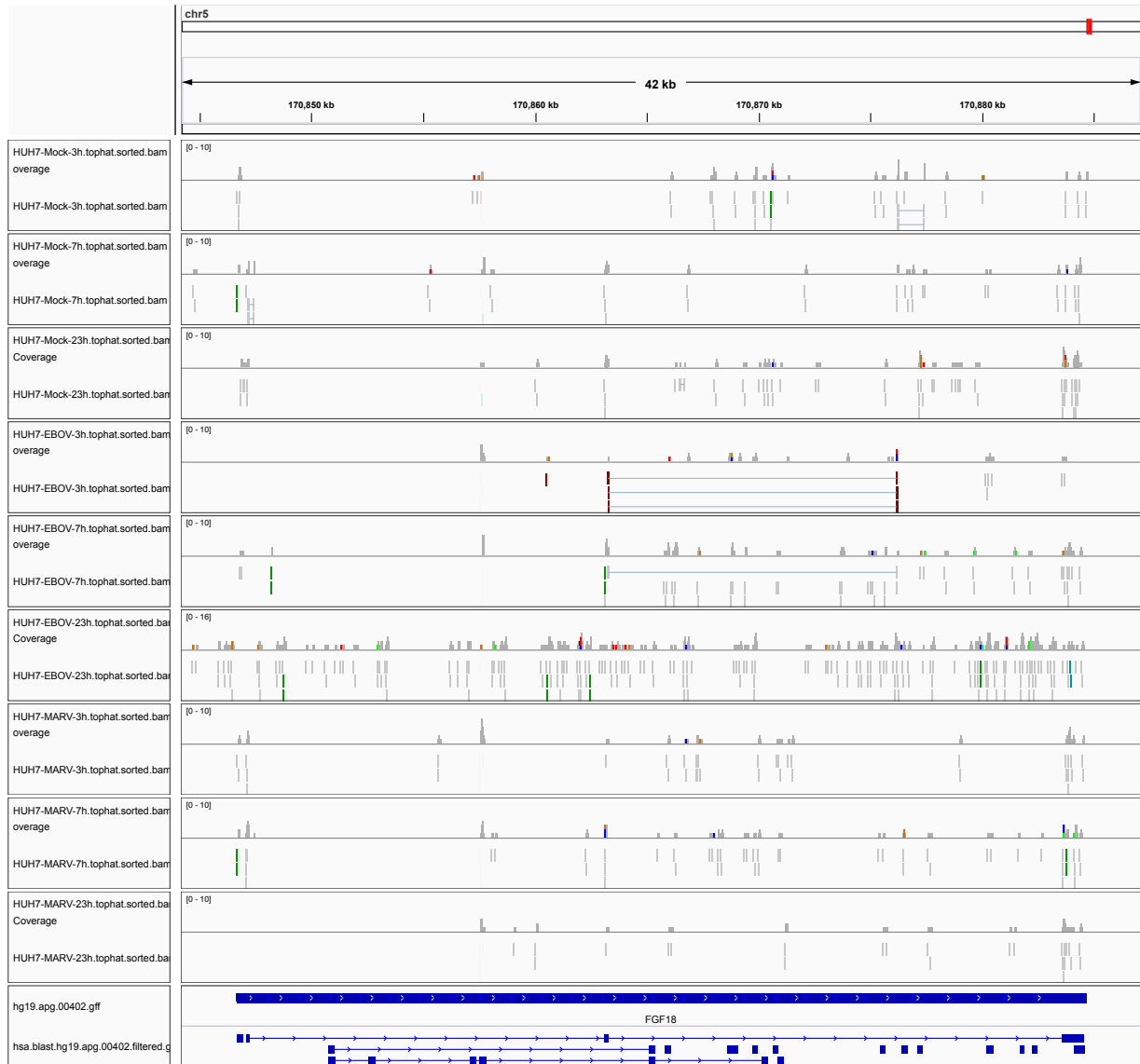


Figure 1: IGV Genome Browser screenshot of gene FGF18.

Figure 2: Sashimi plot of gene FGF18.

Figure 3: UCSC Genome Browser screenshot of gene FGF18.