

1 VPS18

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps18 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway.

This gene shows no change in the expression pattern, but an additional splice variant in human cells three hours after infection with the Ebola virus.

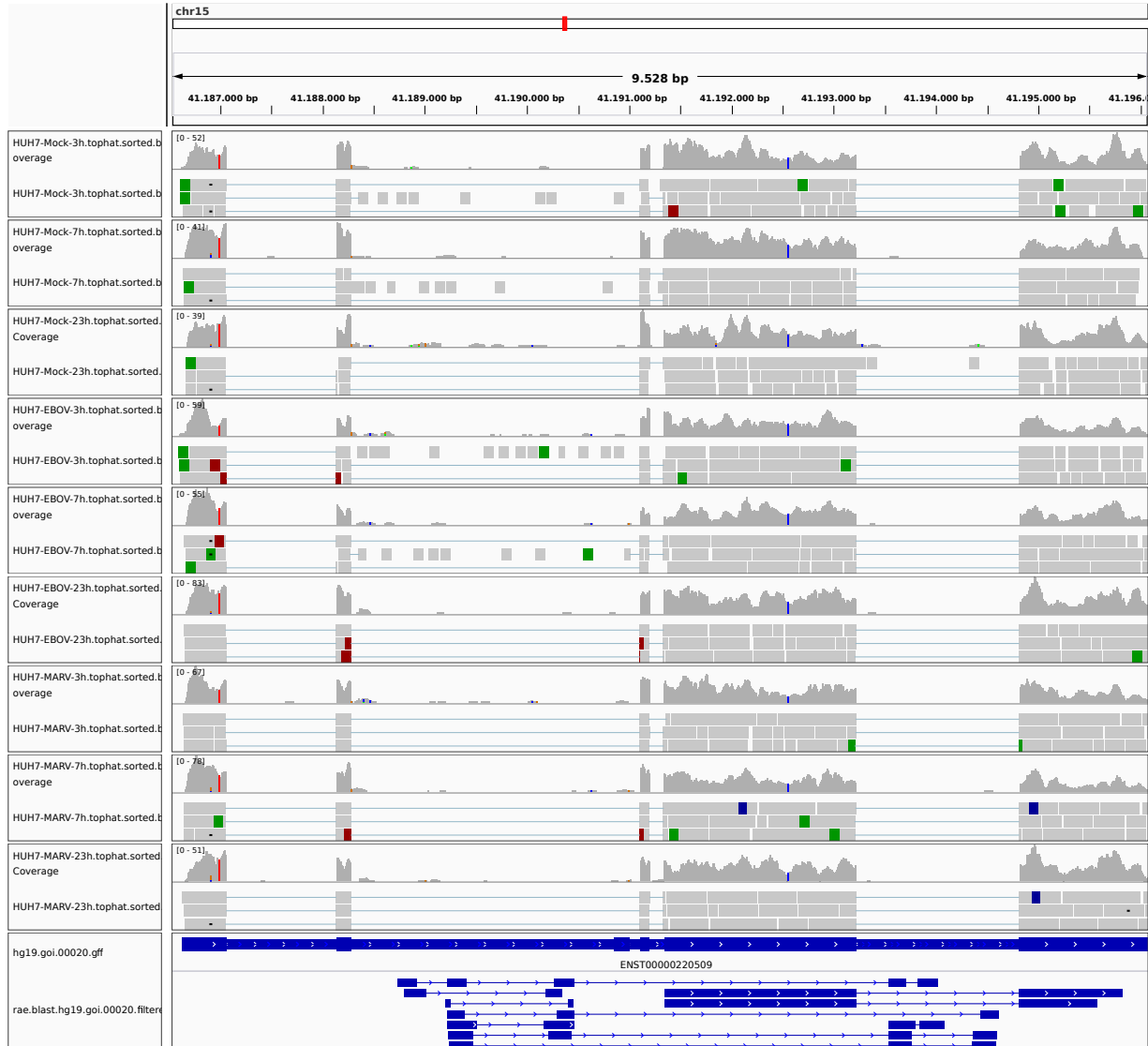


Figure 1: IGV Genome Browser screenshot of gene VPS18.

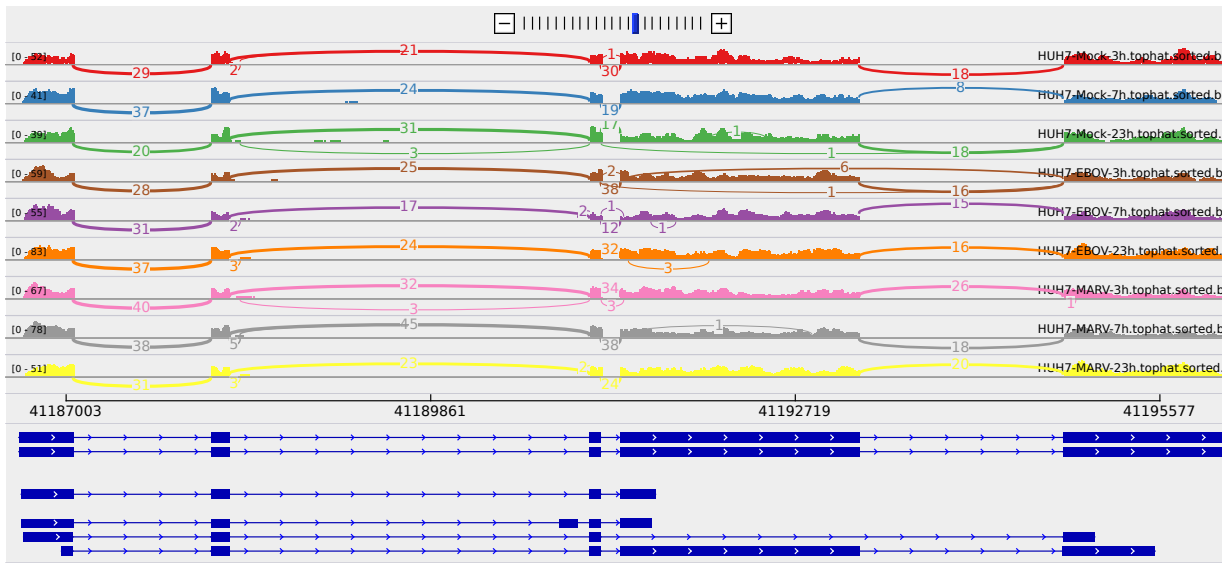


Figure 2: Sashimi plot of gene VPS18.

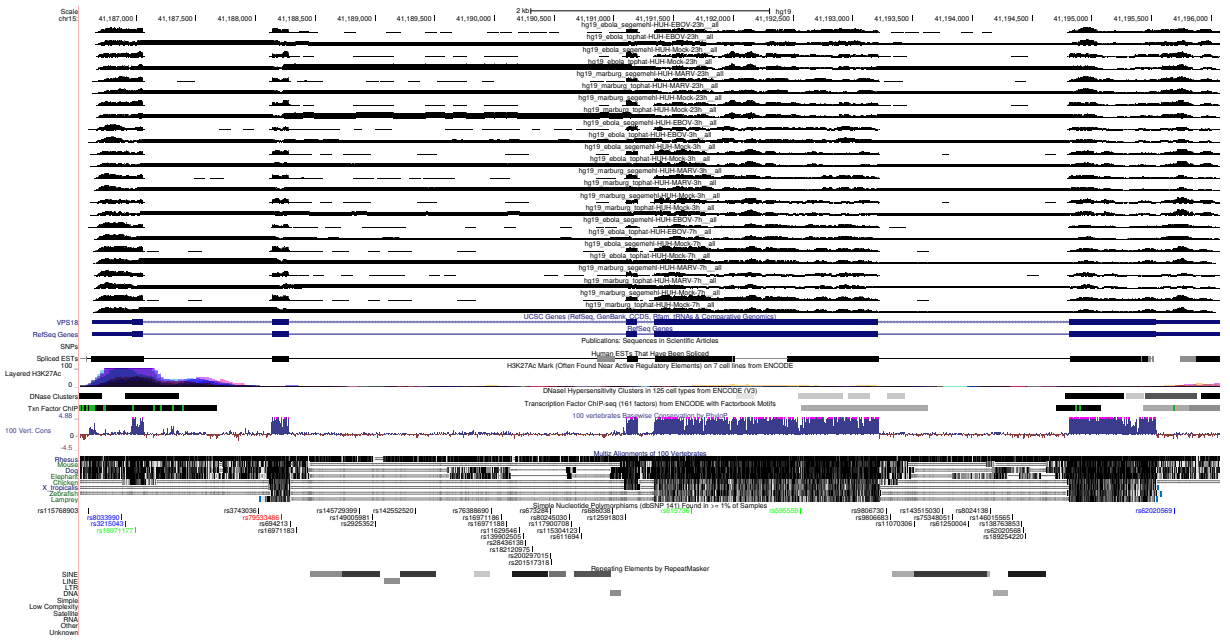


Figure 3: UCSC Genome Browser screenshot of gene VPS18.