1 VPS16

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 Vps16 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.

The gene shows slight upregulation in human in Ebola and Marburg infected cells, and almost no change in the bat homologues.

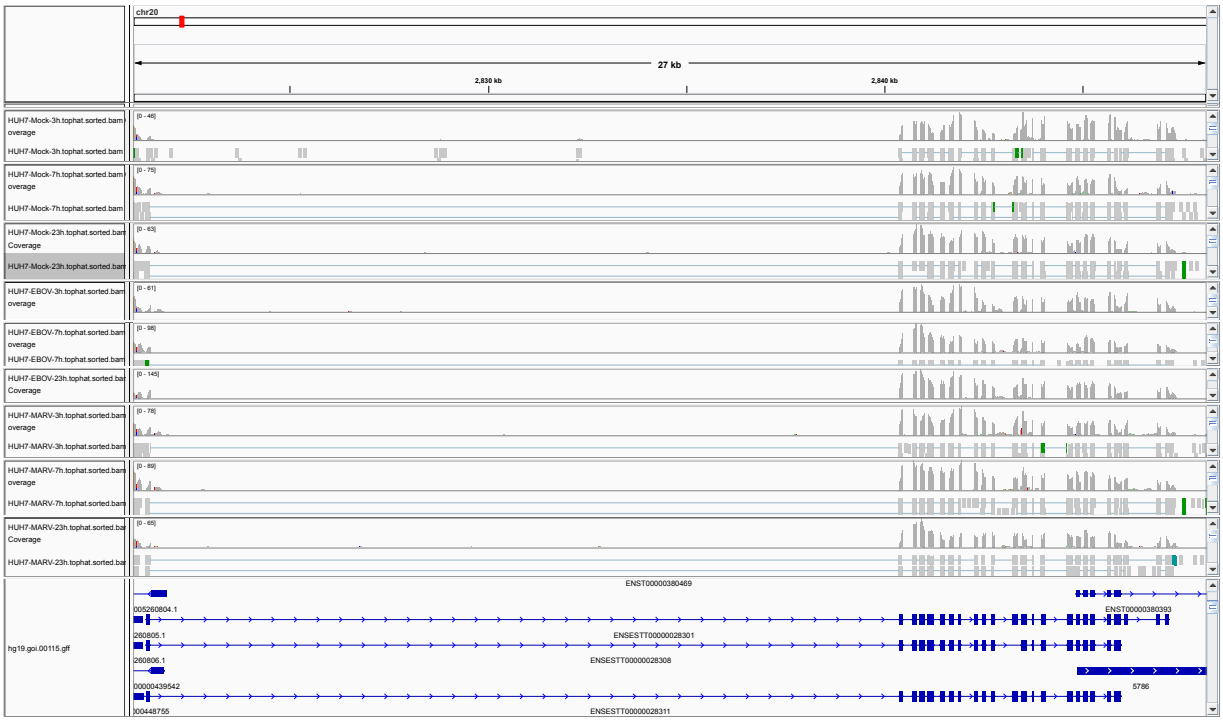

Figure 1: IGV Genome Browser screenshot of gene VPS16.

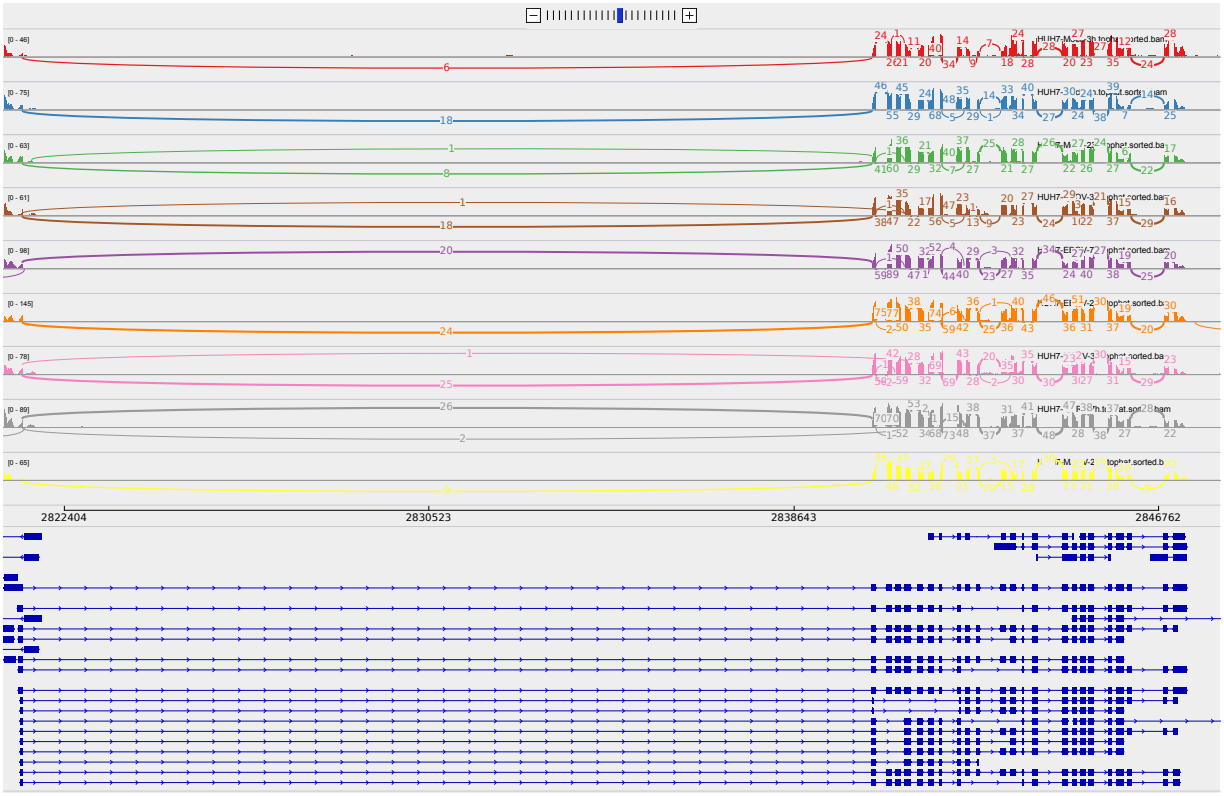

Figure 2: Sashimi plot of gene VPS16.

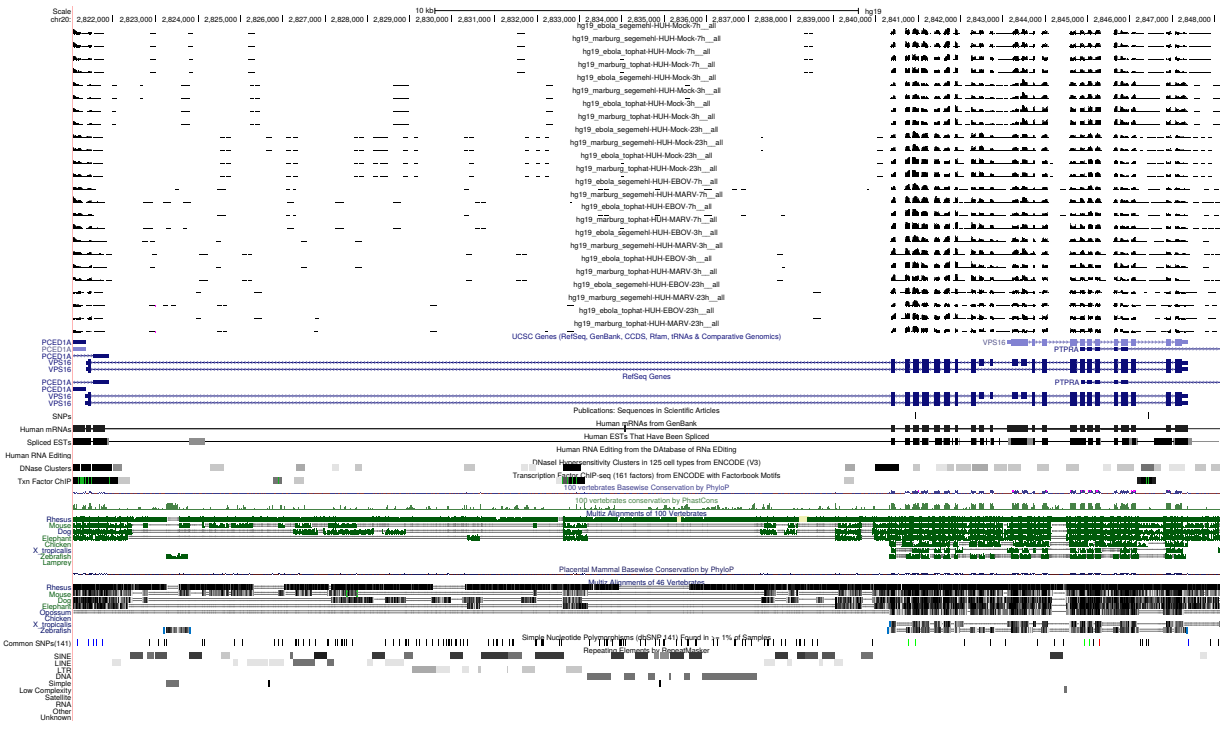

Figure 3: UCSC Genome Browser screenshot of gene VPS16.