1 ARF3

ADP-ribosylation factor 3 (ARF3) is a member of the human ARF gene family. These genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The gene products include 6 ARF proteins and 11 ARF-like proteins and constitute 1 family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2,and ARF3), class II (ARF4 and ARF5) and class III (ARF6) and members of each class share a common gene organization. The ARF3 gene contains five exons and four introns. Gene is highly expressed and downregulated in human wt 7h, but otherwise uniformely. The bat homolog is uniformely expressed.

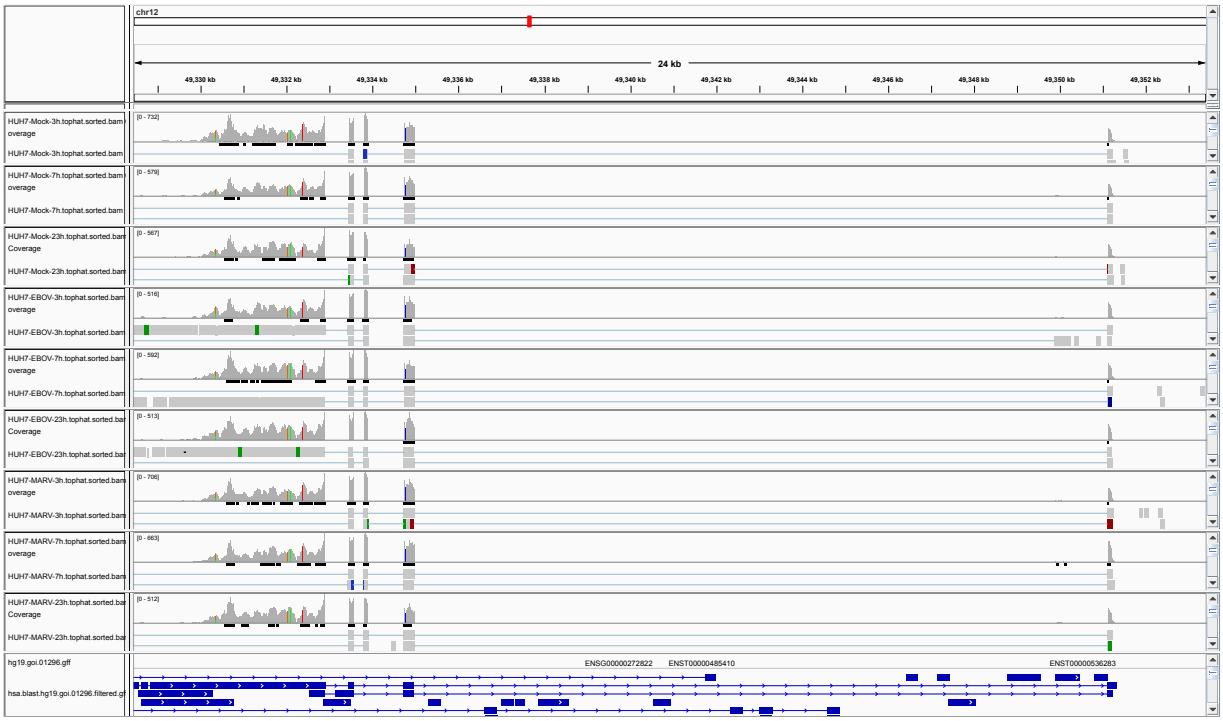

Figure 1: IGV Genome Browser screenshot of gene ARF3.

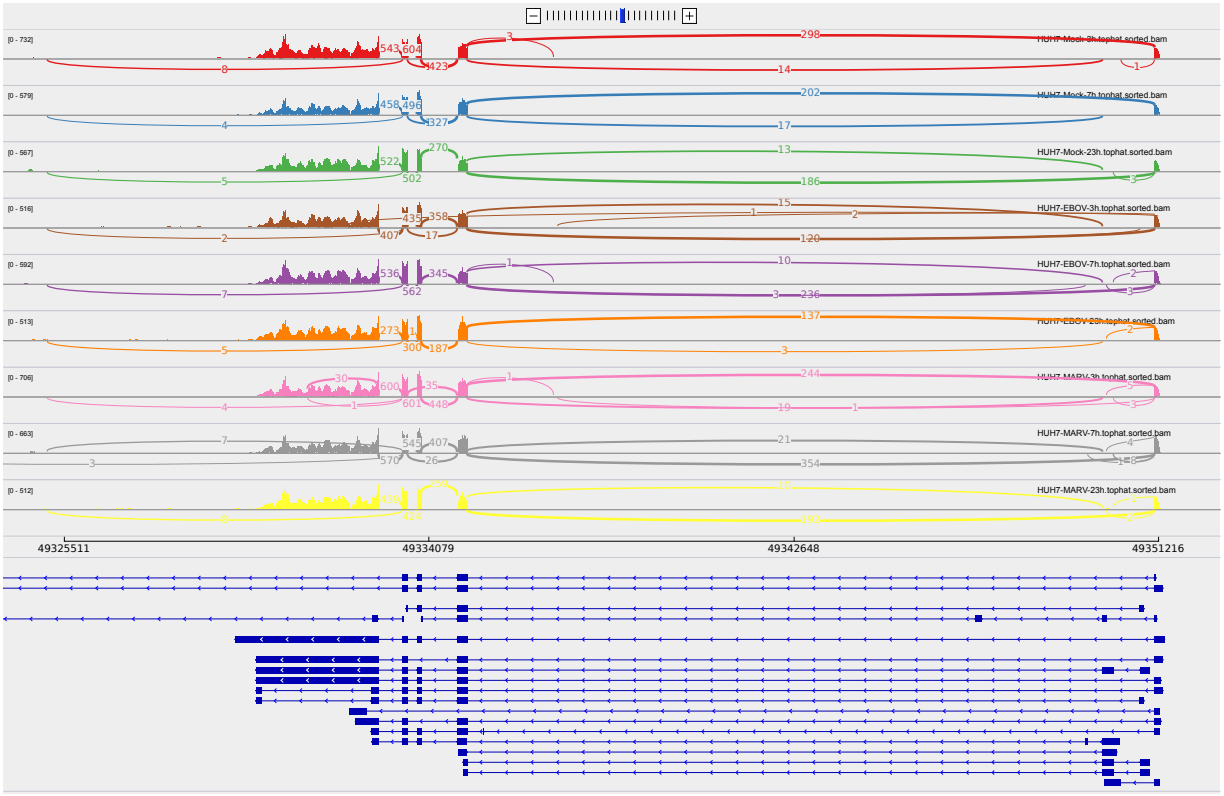

Figure 2: Sashimi plot of gene ARF3.

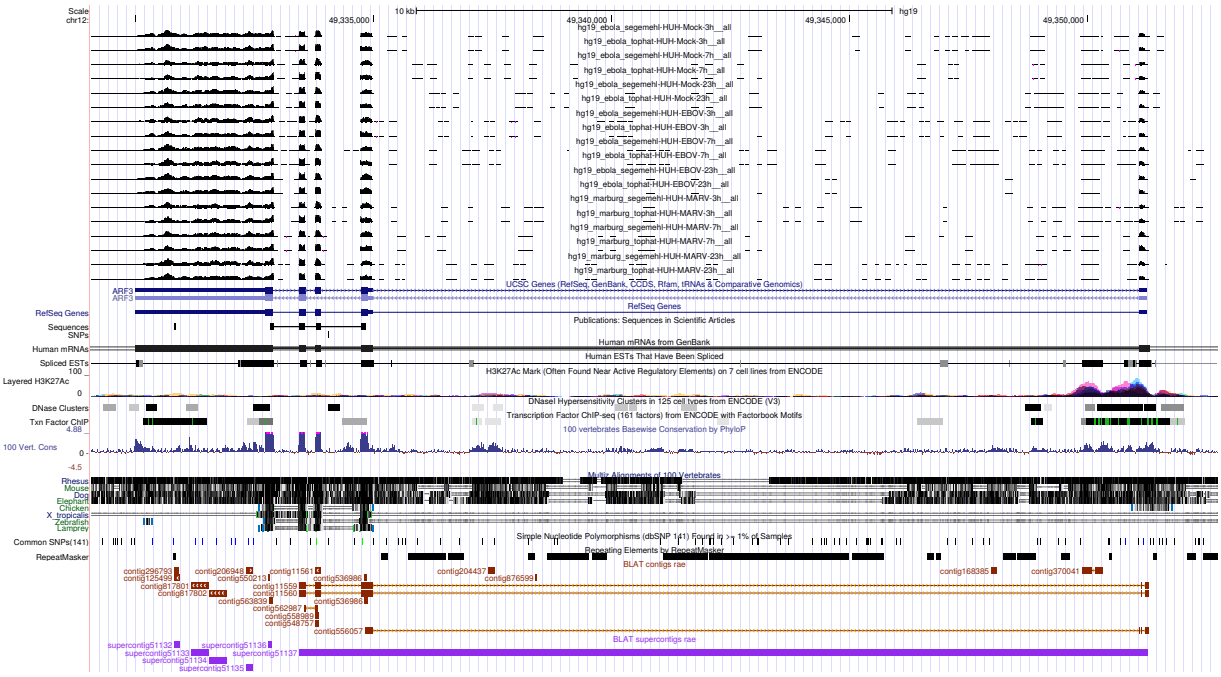

Figure 3: UCSC Genome Browser screenshot of gene ARF3.