1 PLD2

Homo sapiens phospholipase D2 (PLD2), transcript variant 1, mRNA. The protein encoded by this gene catalyzes the hydrolysis of phosphatidylcholine to phosphatidic acid and choline. The activity of the encoded enzyme is enhanced by phosphatidylinositol 4,5-bisphosphate and ADP-ribosylation factor-1. This protein localizes to the peripheral membrane and may be involved in cytoskeletal organization, cell cycle control, transcriptional regulation, and/or regulated secretion. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]. This gene is weakly expressed in all cells and slightly upregulated in 23h bat samples.

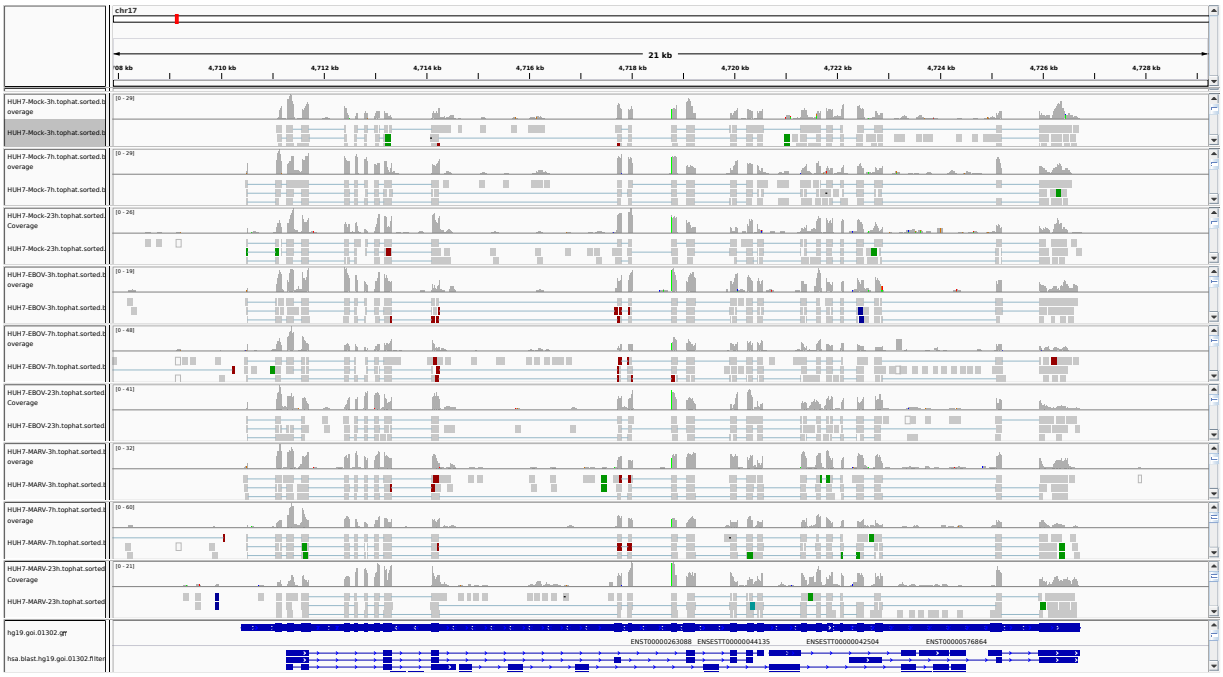

Figure 1: IGV Genome Browser screenshot of gene PLD2.

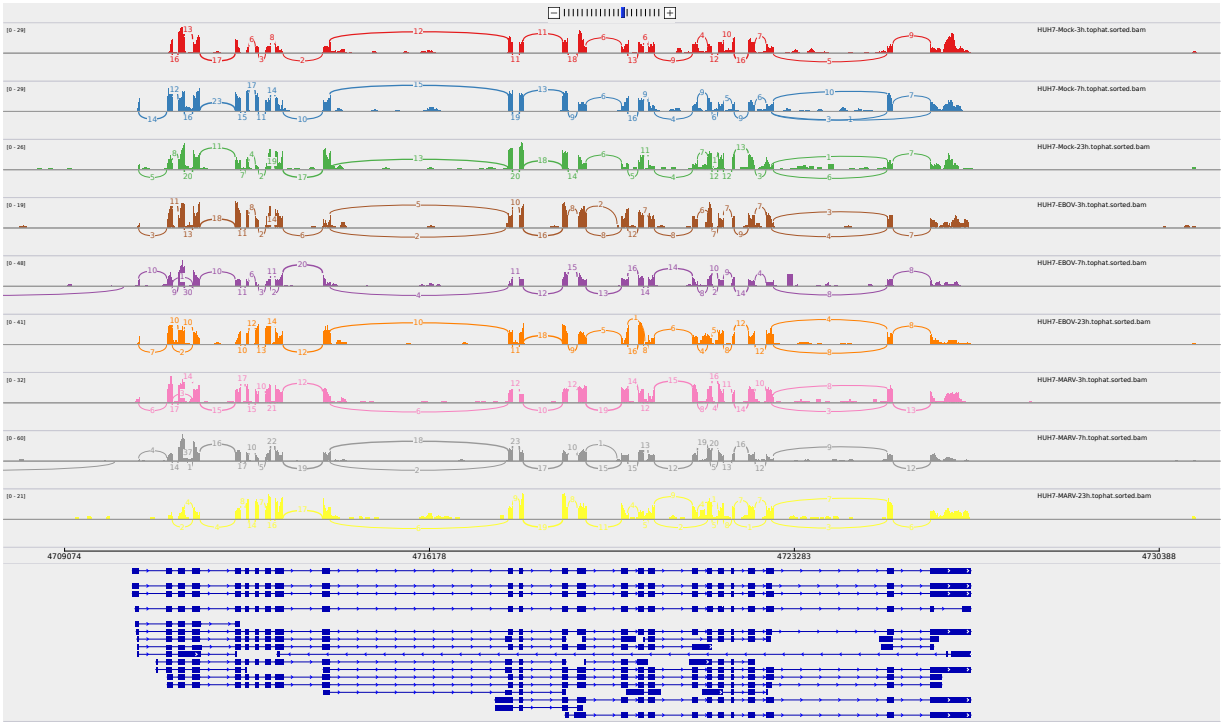

Figure 2: Sashimi plot of gene PLD2.

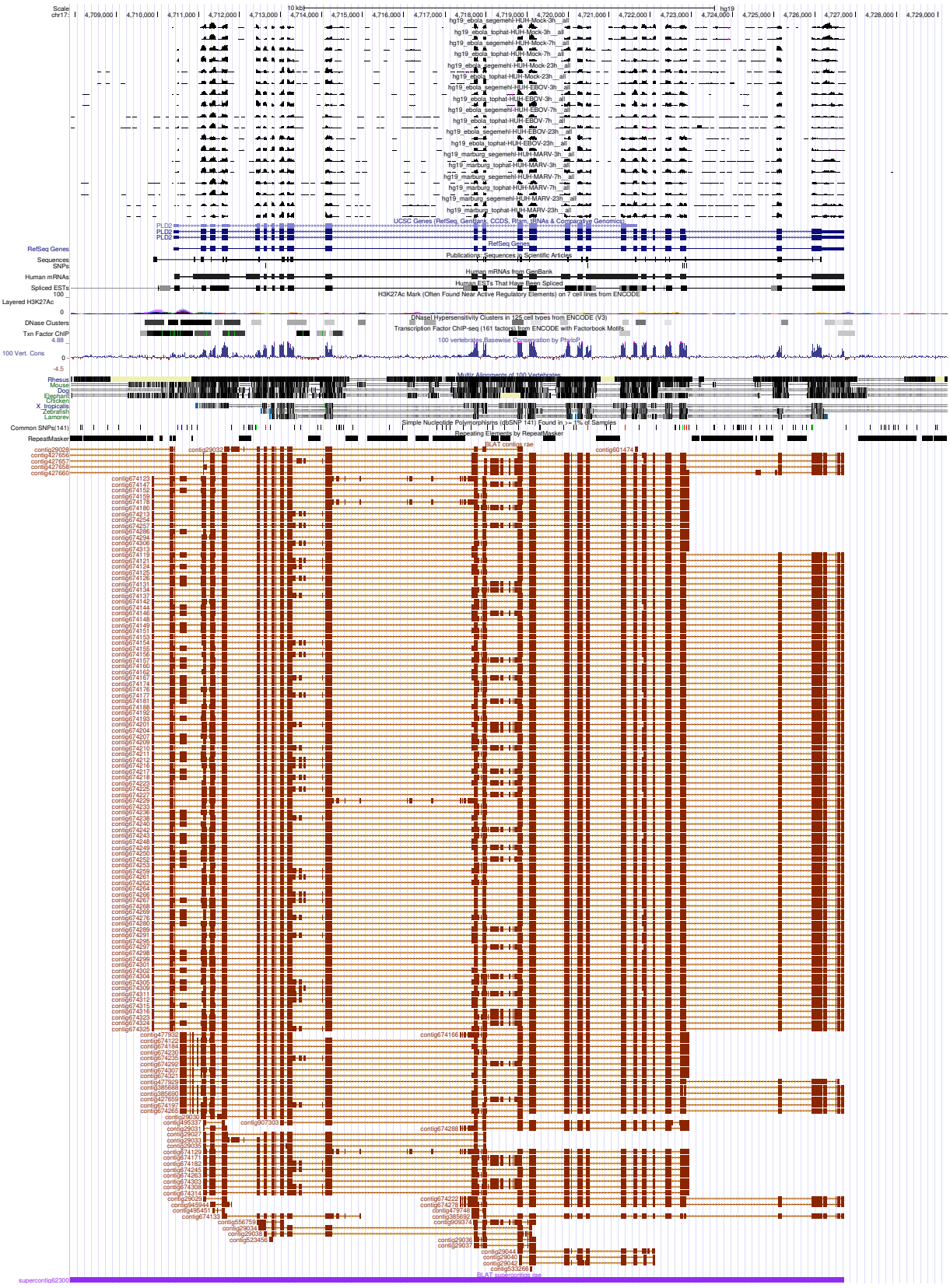

Figure 3: UCSC Genome Browser screenshot of gene PLD2.