

1 PDK1

Pyruvate dehydrogenase (PDH) is a mitochondrial multienzyme complex that catalyzes the oxidative decarboxylation of pyruvate and is one of the major enzymes responsible for the regulation of homeostasis of carbohydrate fuels in mammals. The enzymatic activity is regulated by a phosphorylation/dephosphorylation cycle. Phosphorylation of PDH by a specific pyruvate dehydrogenase kinase (PDK) results in inactivation. Multiple alternatively spliced transcript variants have been found for this gene.

The gene is similarly expressed in all conditions. The homolog in bat seems not to have many splice variants.

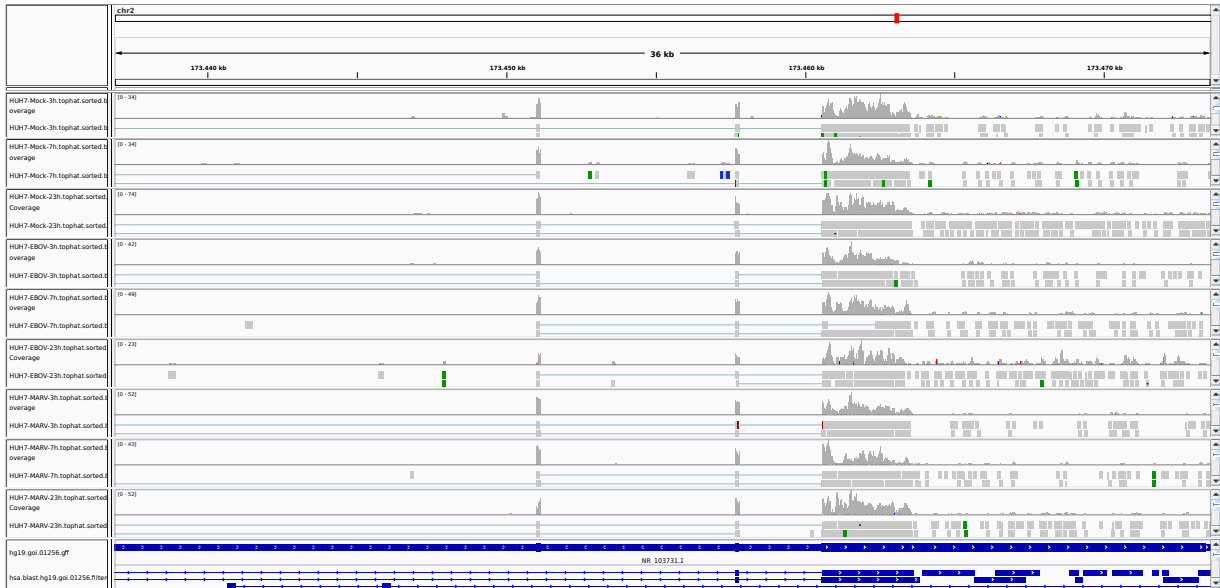


Figure 1: IGV Genome Browser screenshot of gene PDK1.

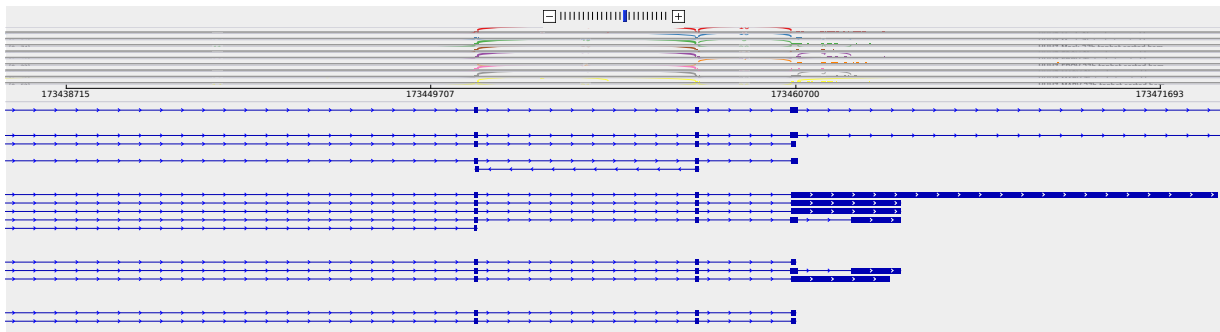


Figure 2: Sashimi plot of gene PDK1.

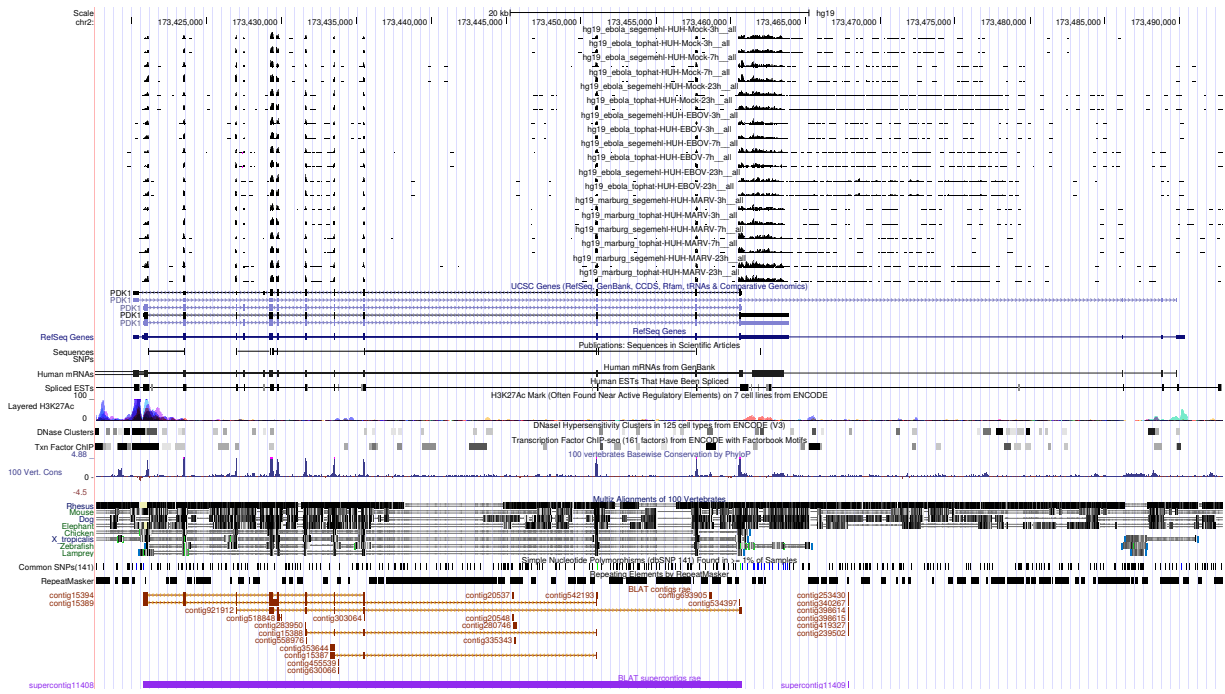


Figure 3: UCSC Genome Browser screenshot of gene PDK1.