

1 PGD

6-phosphogluconate dehydrogenase is the second dehydrogenase in the pentose phosphate shunt. Deficiency of this enzyme is generally asymptomatic, and the inheritance of this disorder is autosomal dominant. Hemolysis results from combined deficiency of 6-phosphogluconate dehydrogenase and 6-phosphogluconolactonase suggesting a synergism of the two enzymopathies.

PGD is seen to be downregulated strongly in the late phase of Ebola virus infection in human cells. The homolog bat counterpart does not show this pattern.



Figure 1: IGV Genome Browser screenshot of gene PGD.



Figure 2: Sashimi plot of gene PGD.

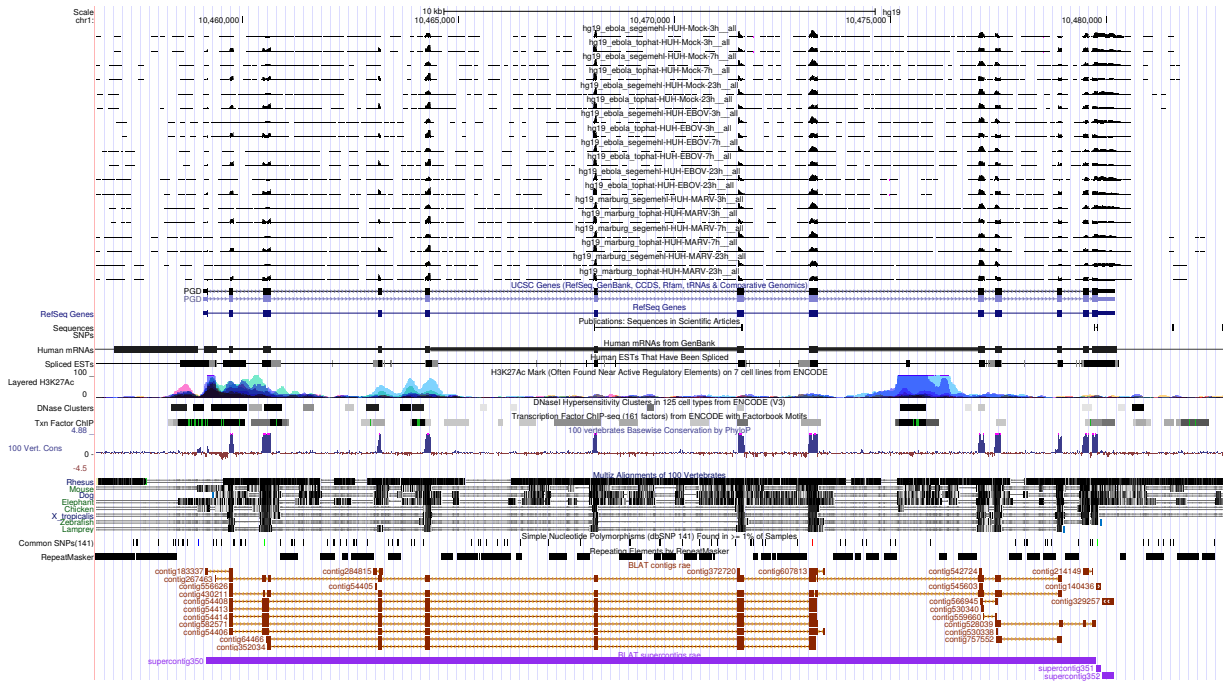


Figure 3: UCSC Genome Browser screenshot of gene PGD.