

1 PTGR1

This gene encodes an enzyme that is involved in the inactivation of the chemotactic factor, leukotriene B4. The encoded protein specifically catalyzes the NADP⁺ dependent conversion of leukotriene B4 to 12-oxo-leukotriene B4. A pseudogene of this gene is found on chromosome 1. Alternative splicing results in multiple transcript variants.

It is upregulated in human and bat after Marburg virus infection.

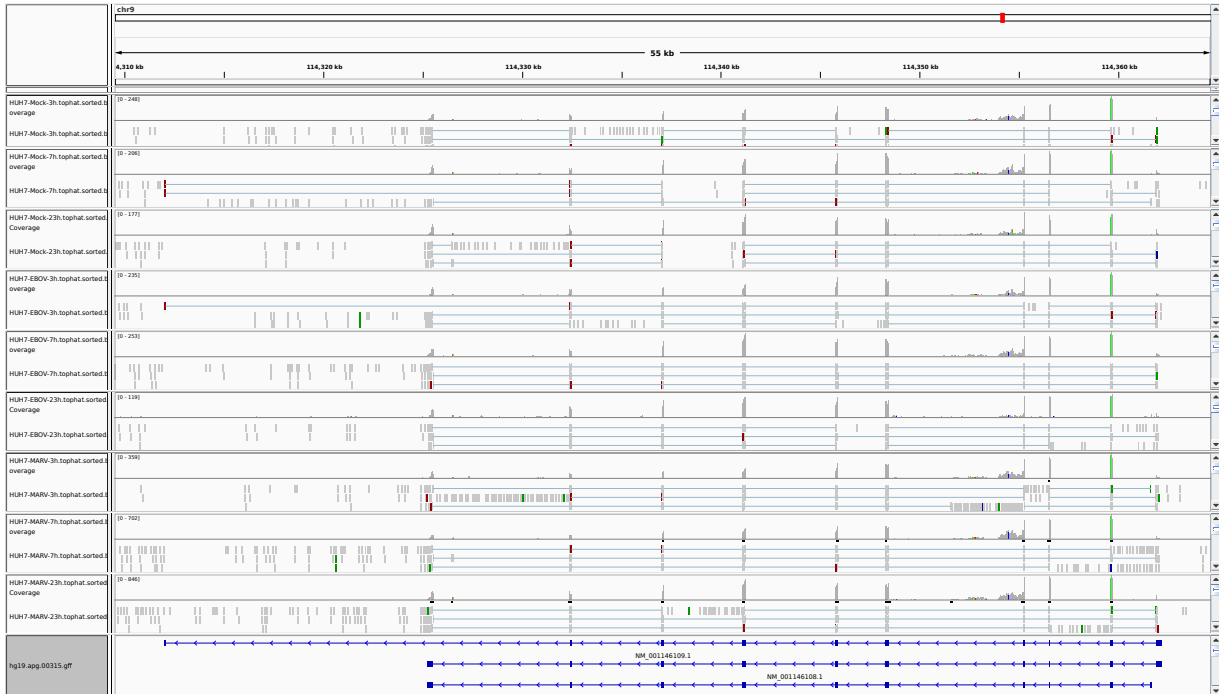


Figure 1: IGV Genome Browser screenshot of gene PTGR1.

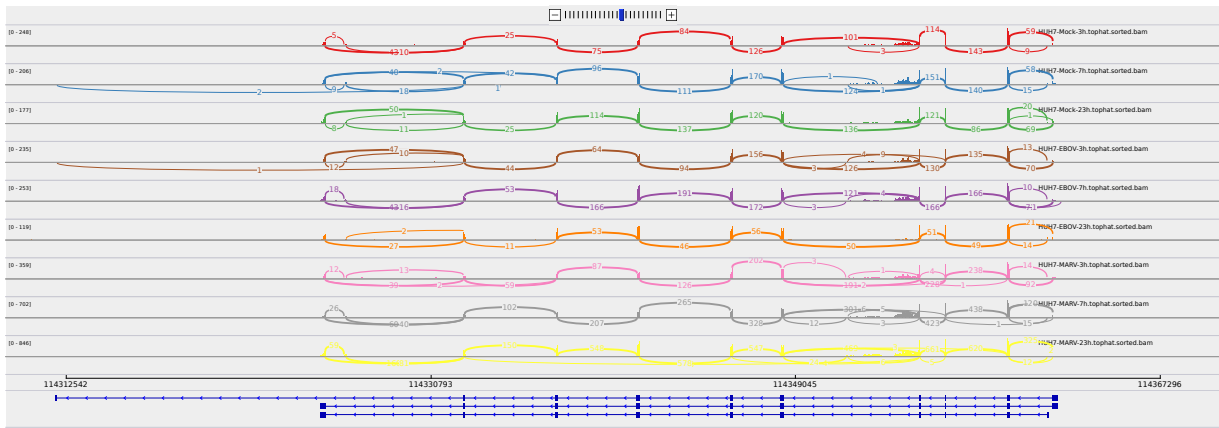


Figure 2: Sashimi plot of gene PTGR1.

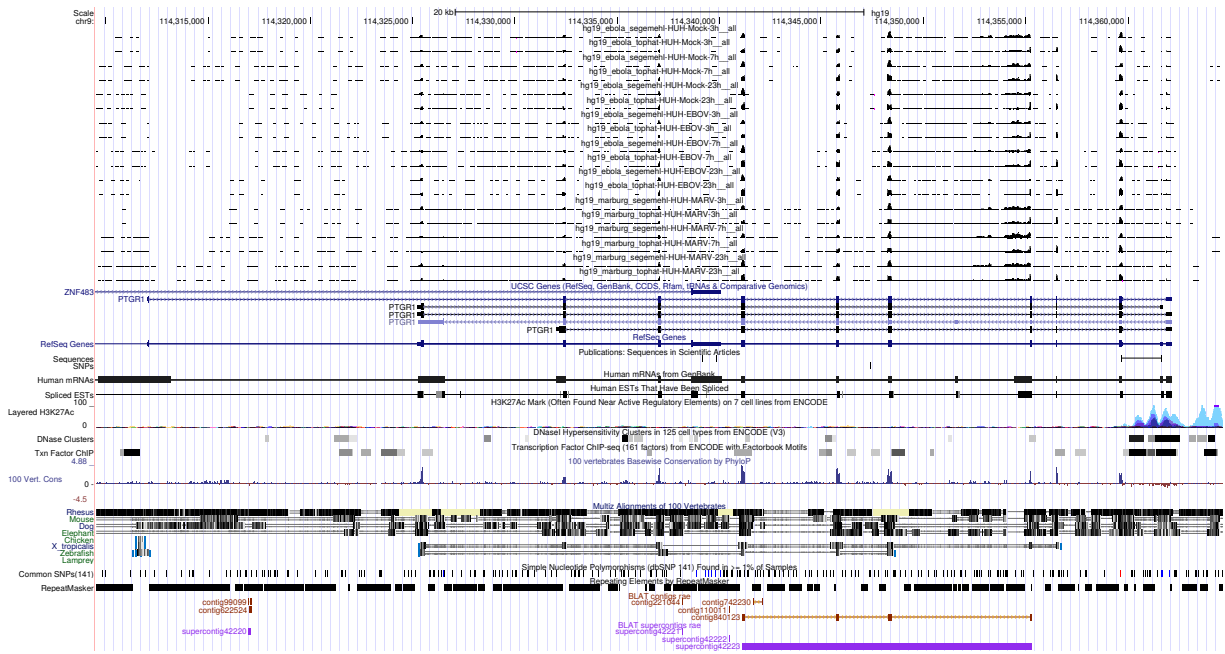


Figure 3: UCSC Genome Browser screenshot of gene PTGR1.