

1 RHEB

This gene is a member of the small GTPase superfamily and encodes a lipid-anchored, cell membrane protein with five repeats of the RAS-related GTP-binding region. This protein is vital in regulation of growth and cell cycle progression due to its role in the insulin/TOR/S6K signaling pathway. The protein has GTPase activity and shuttles between a GDP-bound form and a GTP-bound form, and farnesylation of the protein is required for this activity. Three pseudogenes have been mapped, two on chromosome 10 and one on chromosome 22.

The gene is not differential expressed.



Figure 1: IGV Genome Browser screenshot of gene RHEB.

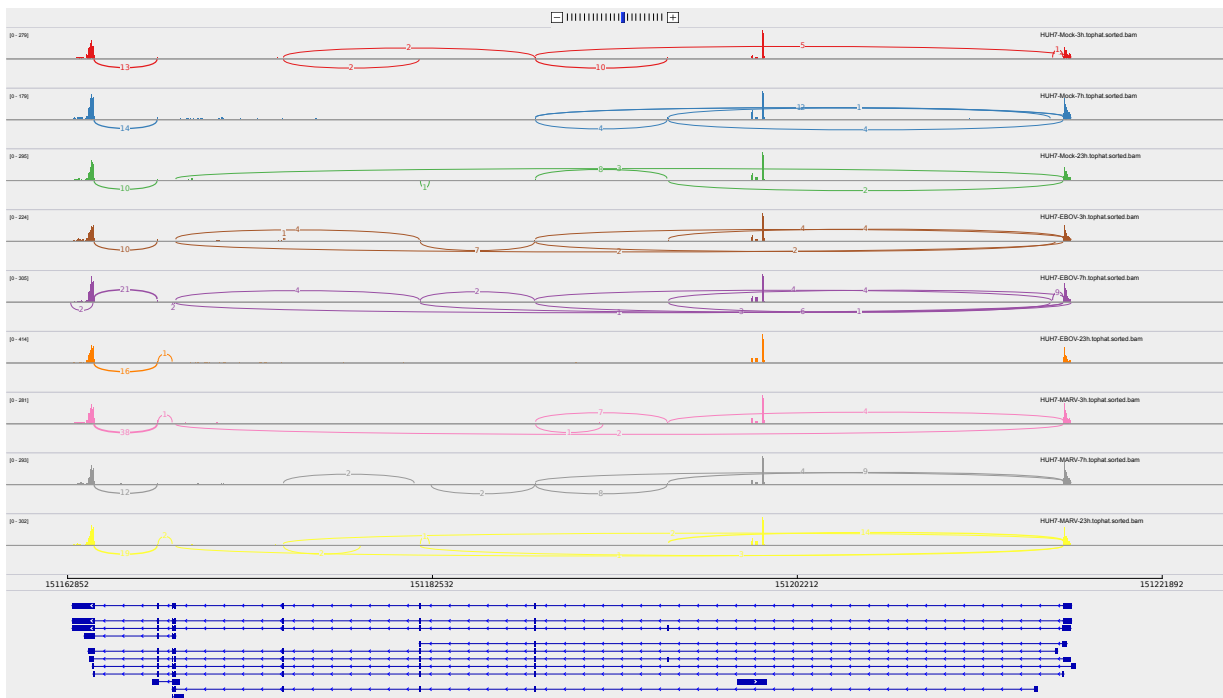


Figure 2: Sashimi plot of gene RHEB.

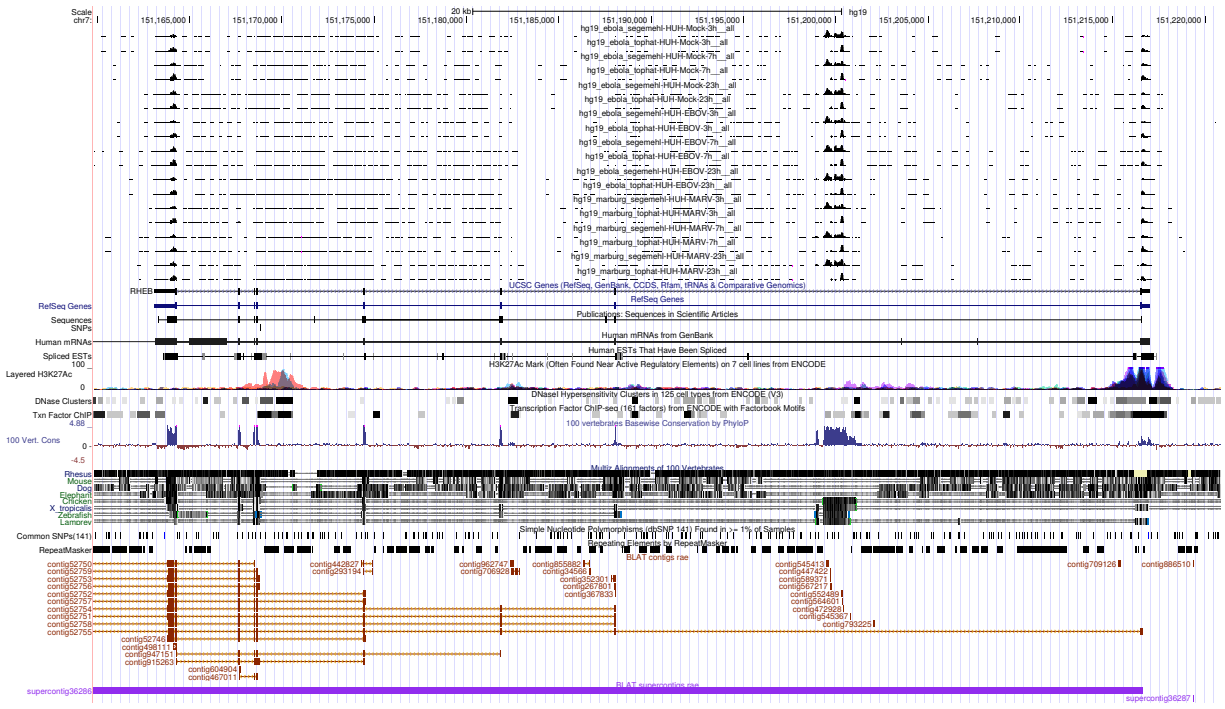


Figure 3: UCSC Genome Browser screenshot of gene RHEB.