

# 1 SLC2A2

This gene encodes an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. The encoded protein mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor. Mutations in this gene are associated with susceptibility to diseases, including Fanconi-Bickel syndrome and noninsulin-dependent diabetes mellitus (NIDDM). Alternative splicing results in multiple transcript variants of this gene.

No to very low expression in human and in bat homolog.

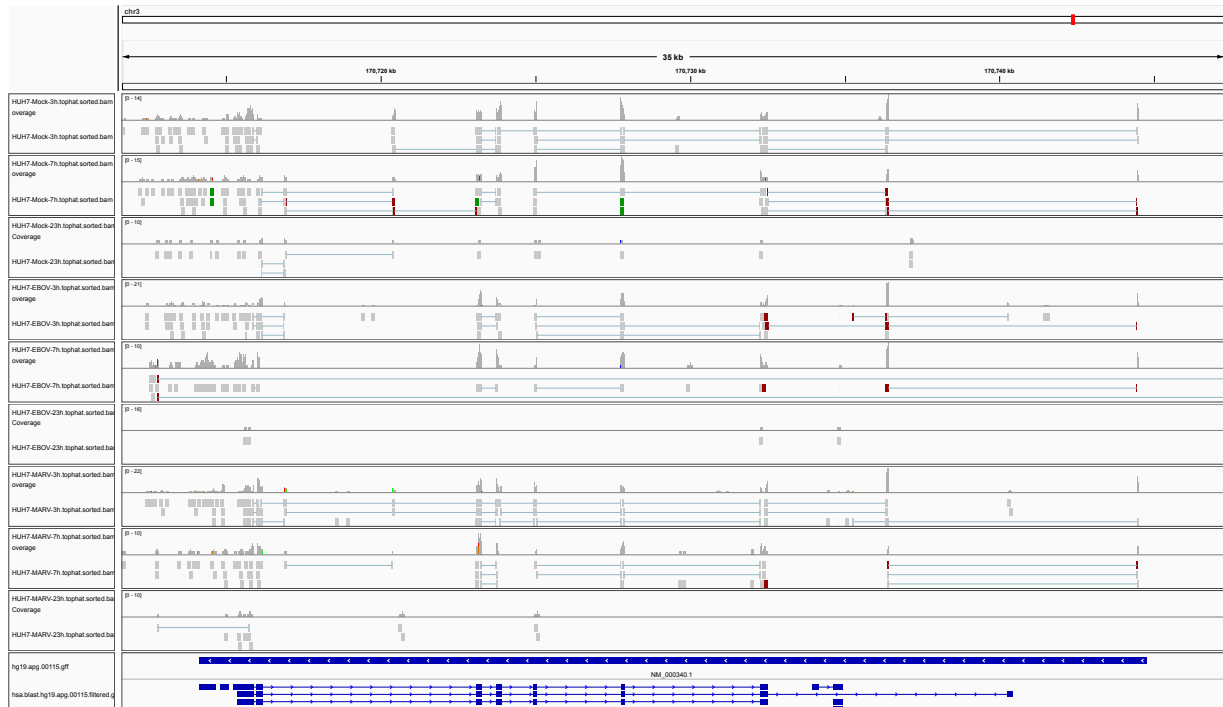


Figure 1: IGV Genome Browser screenshot of gene SLC2A2.

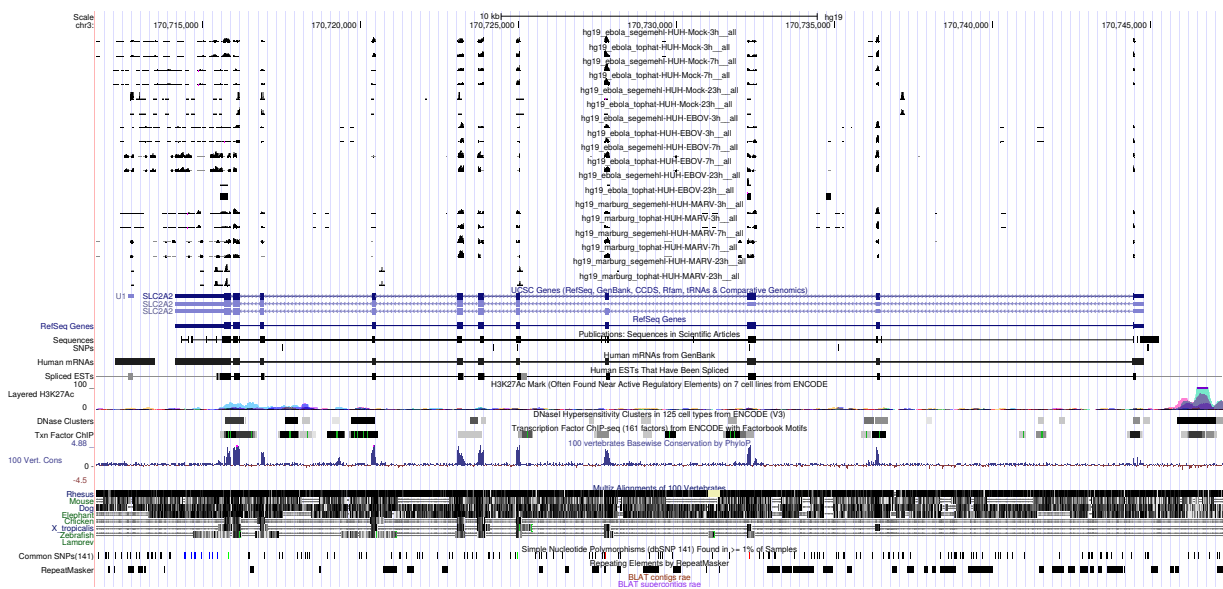


Figure 2: UCSC Genome Browser screenshot of gene SLC2A2.