1 GRK1

This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates rhodopsin and initiates its deactivation. Defects in GRK1 are known to cause Oguchi disease 2 (also known as stationary night blindness Oguchi type-2).

It is not expressed in human and no homolog was found in bat.

Figure 1: IGV Genome Browser screenshot of gene GRK1.

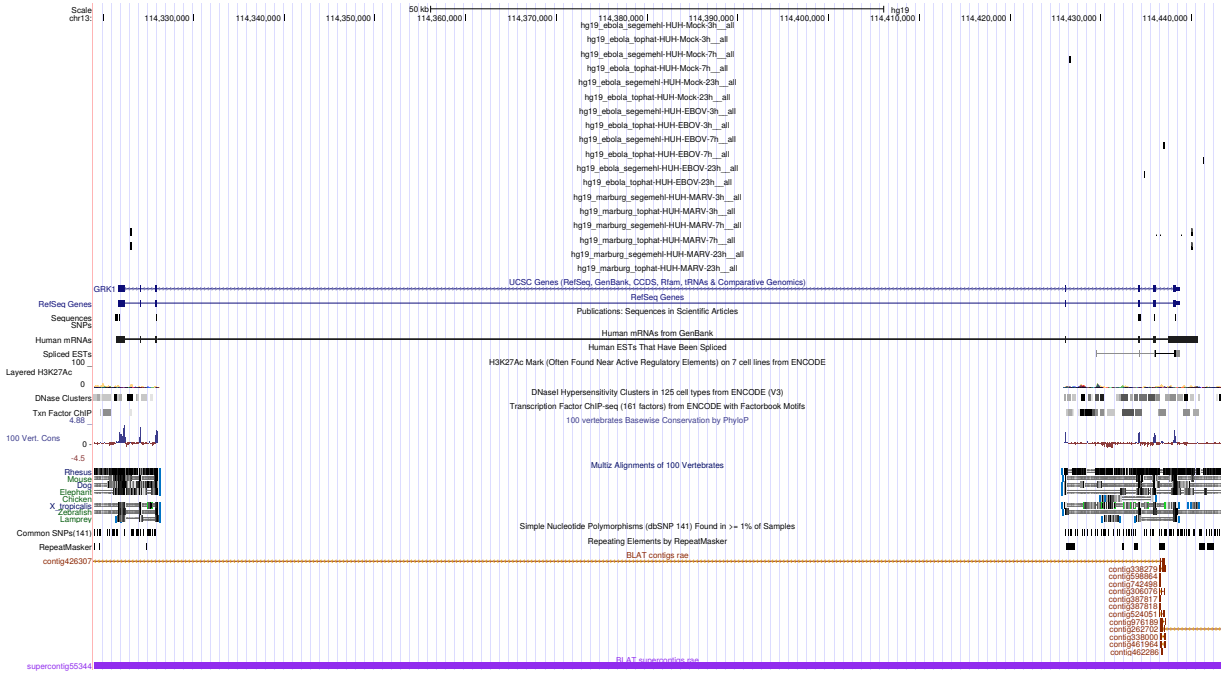

Figure 2: UCSC Genome Browser screenshot of gene GRK1.