

# 1 AKT3

The v-akt murine thymoma viral oncogene homolog 3 (EC:2.7.11.1) is involved in the MAPK, ErbB, Ras, Rap1, cGMP-PKG, cAMP, Chemokine, HIF-1, FoxO, mTOR, PI3K-Akt, VEGF, Toll-like receptor, T cell receptor, B cell receptor, TNF, Neurotrophin, Jak-STAT, Fc epsilon RI, Insulin, Estrogen, Prolactin, Thyroid hormone, Adipocytokine and AMPK signaling pathways. Also in Apoptosis, Adrenergic signaling in cardiomyocytes, Osteoclast differentiation, Focal adhesion, Tight junction, Signaling pathways regulating pluripotency of stem cells, Platelet activation, Fc gamma R-mediated phagocytosis, Cholinergic and Dopaminergic synapses, Progesterone-mediated oocyte maturation, Non-alcoholic fatty liver disease (NAFLD), Carbohydrate digestion and absorption, Chagas disease (American trypanosomiasis), Toxoplasmosis, Tuberculosis, Hepatitis C, Hepatitis B, Measles, Influenza A, HTLV-I infection, Epstein-Barr virus infection and Pathways in cancer.

It does not present a particularly interesting differential expression pattern in the samples analyzed.



Figure 1: IGV Genome Browser screenshot of gene AKT3.

Figure 2: Sashimi plot of gene AKT3.

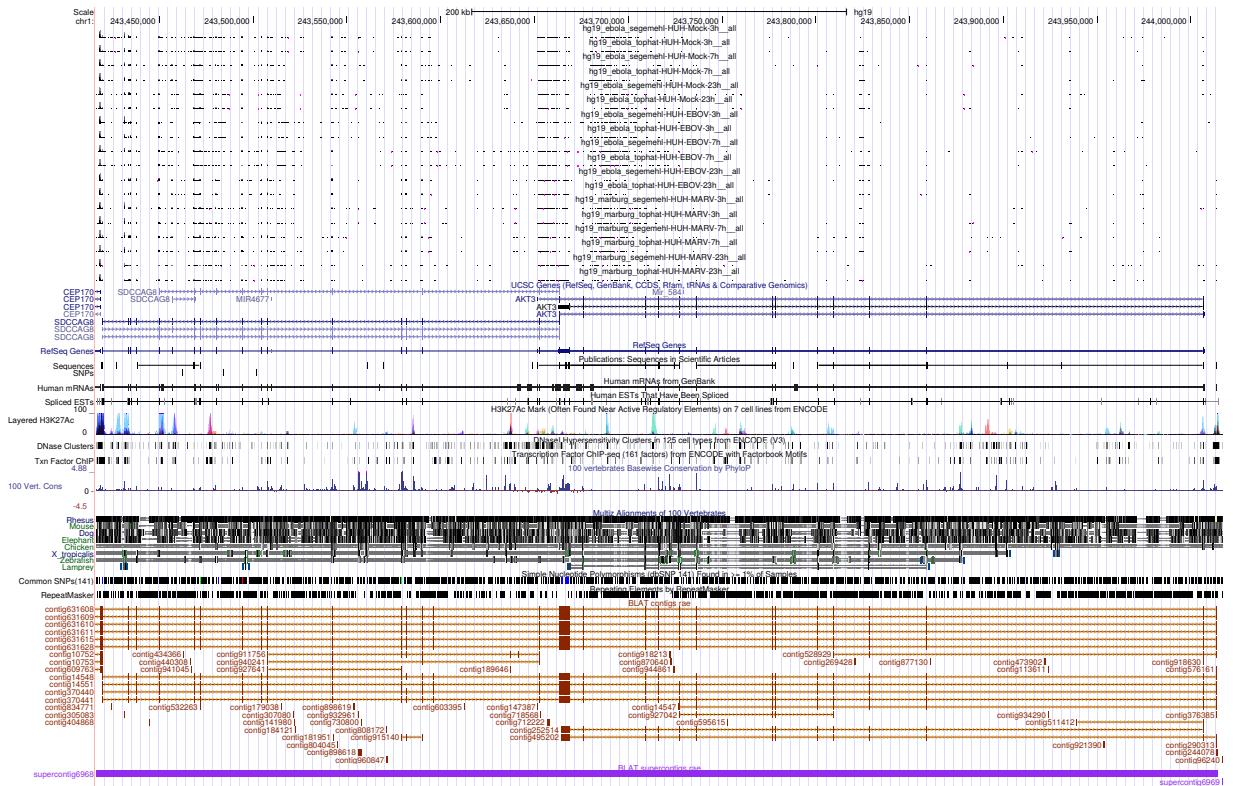


Figure 3: UCSC Genome Browser screenshot of gene AKT3.