

# A GENETIC MOUSE MODEL OF HUMAN CANTU SYNDROME BASED ON KCNJ8EM1NICH[V65M] MUTATION

---

[Nichols, Colin, Remedi, Maria](#)

[Richards, Jennifer](#)

T-019073

This is a CRISPR/Cas9 germline mutation in the KCNJ8 gene, equivalent to a human Cantu Syndrome mutation. The mouse is therefore a genetic model of human Cantu Syndrome. This mouse model can be used for pre-clinical testing of targeted therapy for Cantu Syndrome.

**Publication:** [Cardiovascular consequences of KATP overactivity in Cantu Syndrome](#)