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# PKP2cKO Transgenic Mouse Model

**Conditionally-inducible mouse model for arrhythmogenic right ventricular cardiomyopathy (ARVC), an inherited type of heart disease that can cause sudden death.**

The PKP2cKO transgenic mouse, also denoted “PKP2-CreErt2 mice”, is a conditionally-inducible Plakophilin-2 (PKP2) knockout model for arrhythmogenic right ventricular cardiomyopathy (ARVC), an inherited type of heart disease that can cause sudden death. Conditional knockout of PKP2 is cardiomyocyte-specific and tamoxifen-activated. ARVC is also known as arrhythmogenic right ventricular dysplasia (ARVD) and arrhythmogenic cardiomyopathy (ACM).

## References

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