

**Table S1. Born ratio of aPKC $\lambda$  C2-cko mice.**

aPKC $\lambda$ flox/flox x aPKC $\lambda$ flox/+; C2-cre							
	All		Male		Female		Expected ratio
	No	Ratio	No	Ratio	No	Ratio	
flox/flox; C2-cre	24	24.5	11	21.6	13	27.7	25
flox/+; C2-cre	24	24.5	15	29.4	9	19.1	25
flox/flox	24	24.5	13	25.5	11	23.4	25
flox/+	26	26.5	12	23.5	14	29.8	25