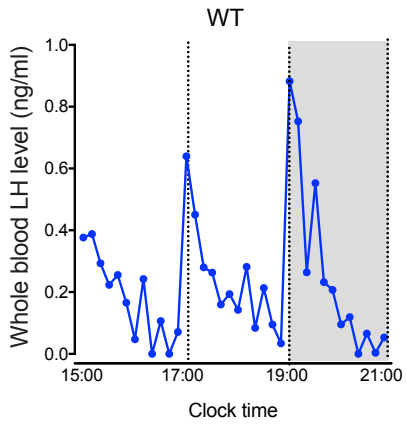
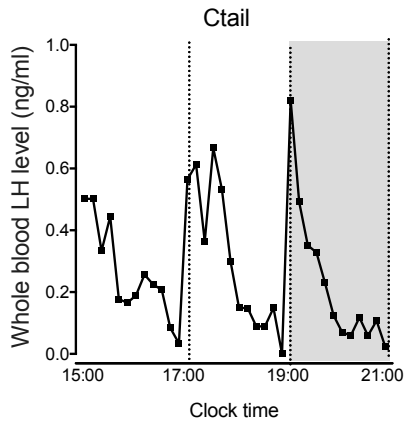


A



B



C

Deconvolution of 6-hour LH profiles

Genotype	WT (N=6)		Ctail (N=6)		
Parameter	Median	Range	Median	Range	P value
Pulse frequency (#/6h)	4	(2-7)	3	(2-7)	0.37
Slow half-life (min)	5.09	(4-11.55)	4	(4-12)	1
Mode (min)	13.3	(11.7-14.5)	16.9	(15.0-21.8)	0.003
Basal secretion (ng/mL/6h)	4.58	(0.36-31.5)	5.55	(1.06-37.5)	0.64
Pulsatile secretion (ng/mL/6h)	6.47	(1.20-23.8)	14.69	(0.97-23.7)	0.26
Total secretion (ng/mL/6h)	10.96	(1.65-45.0)	17.37	(2.03-61.0)	0.42
Mean pulse mass (ng/mL)	2.25	(0.38-3.96)	3.82	(0.48-7.35)	0.076
Weibull lambda (#/24h)	19.4	(11.9-26.8)	13.3	13.3(11.0-25.9)	0.27
AUC (ng. 6h/mL)	80	(4.8-163)	93	(6.4-22.8)	0.41
Jack ApEn (dimensionless)	1.211	(0.472-1.498)	1.198	(0.261-1.536)	0.67

Figure 2-figure supplement 1