

Tissue	Gene	Breeding phase	Hibernating phase
Hypothalamus	<i>Bmal1</i>	$F_{5,29} = 10.75, P < 0.0001$	$F_{5,29} = 4.462, P = 0.0051$
	<i>Clock</i>	$F_{5,29} = 11.75, P < 0.0001$	$F_{5,29} = 11.27, P < 0.0001$
	<i>Per2</i>	$F_{5,29} = 4.273, P = 0.0045$	$F_{5,29} = 12.32, P < 0.0001$
	<i>Cry2</i>	$F_{5,29} = 4.196, P = 0.0052$	$F_{5,29} = 3.461, P = 0.0170$
Liver	<i>Bmal1</i>	$F_{5,329} = 11.03, P < 0.0001$	$F_{5,329} = 0.8126, P = 0.5524$
	<i>Clock</i>	$F_{5,29} = 10.03, P < 0.0001$	$F_{5,29} = .6003, P = 0.7236$
	<i>Per2</i>	$F_{5,29} = 2.731, P = 0.0378$	$F_{5,29} = 1.483, P = 0.2324$
	<i>Cry2</i>	$F_{5,29} = 5.303, P = 0.0013$	$F_{5,29} = 1.210, P = 0.3344$

Suppl. Table S2: Values of 1-way ANOVA in hypothalamus and liver tissue during breeding and hibernating phase.