

<b>Gene</b>	<b>Tissue</b>	<b>Life history state</b>	<b>Mesor</b>	<b>Amplitude</b>	<b>Acrophase</b>
<i>Bmal1</i>	Hypothalamus	breeding	0.6	0.4	6.3
		hibernating	0.4	0.2	3.6
<i>Clock</i>		breeding	0.8	0.5	9.6
		hibernating	0.6	0.8	4.6
<i>Per2</i>		breeding	1.4	0.5	20.4
		hibernating	1.0	0.8	5.7
<i>Cry2</i>		breeding	0.7	0.5	6
		hibernating	0.2	0.1	0.9
<i>Bmal1</i>	Liver	breeding	0.5	0.5	7.3
		hibernating	-	-	-
<i>Clock</i>		breeding	0.6	0.4	10.7
		hibernating	-	-	-
<i>Per3</i>		breeding	0.3	0.2	1.2
		hibernating	-	-	-
<i>Cry2</i>		breeding	0.4	0.4	4.2
		hibernating	-	-	-

Suppl. Table S4: Parameters of cosinor rhythm in gene expressions in hypothalamus and liver tissues of terai tree frog during two different seasonal LHSs (breeding and hibernating phase) as determined by the cosinor analysis.