

Supplementary Table 3. Circadian parameters for clock gene expression in mice hippocampus.

Gene	Age (months)	Genotype	Period (h)	Phase (h)	Amplitude	p-value
<i>Clock</i>	6	wt	24.00	22.52	0.13	0.11
		APP/PS1	24.00	8.35	1e-3	0.98
	12	wt	24.00	18.86	0.21	0.12
		APP/PS1	24.00	0.94	0.12	0.12
<i>Arntl</i>	6	wt	24.00	1.59	0.18	0.03
		APP/PS1	24.00	4.54	0.10	0.16
	12	wt	24.00	20.82	0.19	0.08
		APP/PS1	24.00	0.21	0.22	0.02
<i>Cry1</i>	6	wt	24.00	19.86	0.30	3e-3
		APP/PS1	24.00	19.26	0.40	9.4e-4
	12	wt	24.00	17.91	0.56	0.03
		APP/PS1	24.00	17.75	0.16	0.24
<i>Cry2</i>	6	wt	24.00	17.69	0.25	0.02
		APP/PS1	24.00	18.11	0.36	6.57e-3
	12	wt	24.00	19.04	0.31	0.11
		APP/PS1	24.00	5.93	0.33	0.07
<i>Per1</i>	6	wt	24.00	18.98	0.20	0.06
		APP/PS1	24.00	19.18	0.24	0.02
	12	wt	24.00	18.08	0.38	0.11
		APP/PS1	24.00	6.31	0.08	0.47
<i>Per2</i>	6	wt	24.00	17.83	0.46	3.7e-4
		APP/PS1	24.00	17.91	0.28	0.12
	12	wt	24.00	16.62	0.57	0.03
		APP/PS1	24.00	18.80	0.26	0.08
<i>Per3</i>	6	wt	24.00	17.77	0.40	3e-3
		APP/PS1	24.00	19.40	0.44	3e-3
	12	wt	24.00	18.25	0.44	0.04
		APP/PS1	24.00	21.43	0.11	0.45

wt: wild type; h: hour.