

Tissue	Parameter	Feeding Group	Gene				
			<i>acca</i>	<i>lpk</i>	<i>glut2</i>	<i>lgs</i>	<i>mcad</i>
Liver	Phase	LP	8.40±1.03	7.56±1.05	4.76±0.90	4.27±0.33	3.32±1.52
		DP	20.12±1.17\$	NS	NS	12.71±0.55\$	10.82±1.91\$
	Amplitude	LP	791.84±214.14	2821.1±777.96	1206.4±285.06	639.72±56.1	8704.22±3461.5
		DP	333.32±100.74	NS	NS	575.72±87.08	5737.86±2984.28

Supplemental Table 1. Influence of restricted feeding on the phase and amplitude of diurnal variations in expression of metabolic genes within liver. Mice were randomly assigned to dark phase (DP; n=21) or light phase (LP; n=23) restricted feeding groups. Data are reported as mean ± SEM. Phase is the zeitgeber time (ZT; in hours) at which the peak value in the oscillation occurs. Amplitude (i.e., peak-to-trough difference) units are mRNA molecules per ng total RNA. NS signifies not significant. \$, p<0.05 for DP versus LP fed mice.

Tissue	Parameter	Feeding Group	Gene				
			<i>dgat2</i>	<i>acca</i>	<i>acs1</i>	<i>atgl</i>	<i>lipe</i>
Epididymal Fat	Phase	LP	NS	NS	NS	NS	NS
		DP	10.73±0.76	0.86±1.21	NS	22.01±1.25	23.16±1.30
	Amplitude	LP	NS	NS	NS	NS	NS
		DP	60604±12540	1746.64±577.54	NS	14618.16±4913.26	573.98±204.28

Supplemental Table 2. Influence of restricted feeding on the phase and amplitude of diurnal variations in expression of metabolic genes within epididymal fat. Mice were randomly assigned to dark phase (DP; n=21) or light phase (LP; n=23) restricted feeding groups. Data are reported as mean ± SEM. Phase is the zeitgeber time (ZT; in hours) at which the peak value in the oscillation occurs. Amplitude (i.e., peak-to-trough difference) units are mRNA molecules per ng total RNA. NS signifies not significant. \$, p<0.05 for DP versus LP fed mice.

Tissue	Parameter	Feeding Group	Gene				
			<i>dgat2</i>	<i>pdk4</i>	<i>glut4</i>	<i>mcad</i>	<i>mcpt1</i>
Gastrocnemius Muscle	Phase	LP	NS	22.11±1.21	NS	NS	NS
		DP	17.64±1.19	10.17±1.44\$	NS	NS	NS
	Amplitude	LP	NS	2670.88±851.6	NS	NS	NS
		DP	457.58±137.1	1436.06±559.64	NS	NS	NS

Supplemental Table 3. Influence of restricted feeding on the phase and amplitude of diurnal variations in expression of metabolic genes within gastrocnemius muscle. Mice were randomly assigned to dark phase (DP; n=21) or light phase (LP; n=23) restricted feeding groups. Data are reported as mean ± SEM. Phase is the zeitgeber time (ZT; in hours) at which the peak value in the oscillation occurs. Amplitude (i.e., peak-to-trough difference) units are mRNA molecules per ng total RNA. NS signifies not significant. \$, p<0.05 for DP versus LP fed mice.

Tissue	Parameter	Feeding Group	Gene				
			<i>dgat2</i>	<i>pdk4</i>	<i>glut4</i>	<i>mcad</i>	<i>mcpt1</i>
Heart	Phase	LP	NS	22.78±1.07	NS	NS	NS
		DP	16.62±1.02	NS	NS	NS	NS
	Amplitude	LP	NS	16362.82±4757.3	NS	NS	NS
		DP	4332.12±1080.14	NS	NS	NS	NS

Supplemental Table 4. Influence of restricted feeding on the phase and amplitude of diurnal variations in expression of metabolic genes within heart. Mice were randomly assigned to dark phase (DP; n=21) or light phase (LP; n=23) restricted feeding groups. Data are reported as mean ± SEM. Phase is the zeitgeber time (ZT; in hours) at which the peak value in the oscillation occurs. Amplitude (i.e., peak-to-trough difference) units are mRNA molecules per ng total RNA. NS signifies not significant. \$, p<0.05 for DP versus LP fed mice.