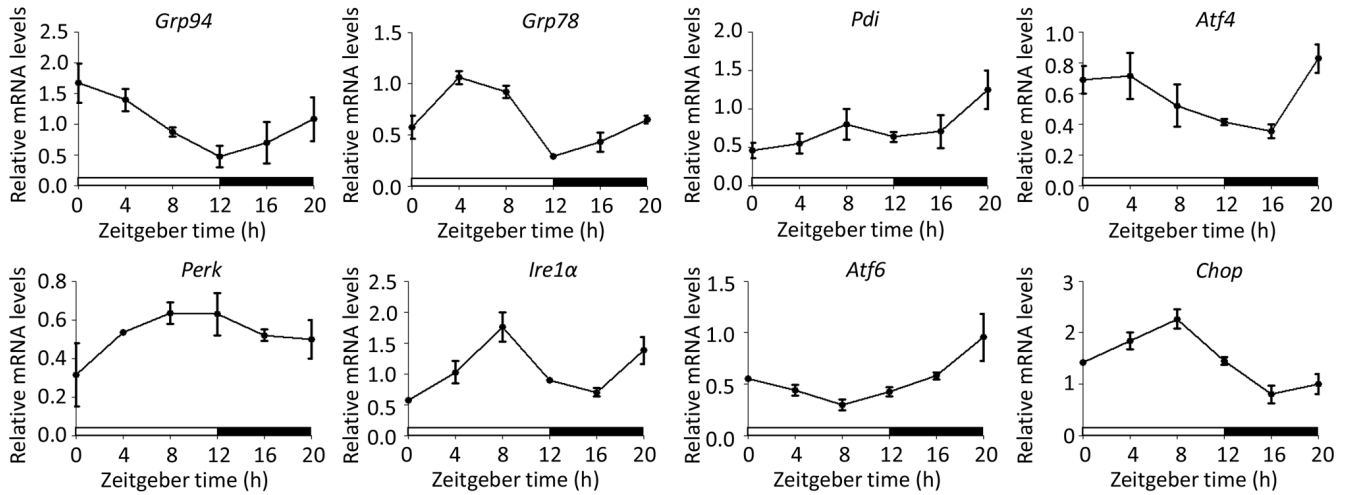


**SUPPLEMENTARY MATERIAL**



**Supplementary Figure 1.** UPR genes show circadian rhythm in the mouse liver.

**Table S1.** Mouse primers used for PCR analysis.

Gene		Primer Sequence	Ta(°C)
<i>Gapdh</i>	Forward	AGGTCGGTGTGAACGGATTG	60
	Reverse	TGTAGACCATGTAGTTGAGGTCA	
<i>Grp78</i>	Forward	AGTGGTGGCCACTAATGGAG	60
	Reverse	CAATCCTTGCTTGATGCTGA	
<i>Perk</i>	Forward	CGGAGACAGTGTGGCTTA	60
	Reverse	GCTTTTTCCCATCATTCTCG	
<i>Pdi</i>	Forward	GAGGACAACGTCCTGGTGTT	60
	Reverse	GCCTTCTGCCTTCAGTTTTG	

<i>Pdia3</i>	Forward	CGCCTCCGATGTGTTGGA	60
	Reverse	CAGTGCAATCCACCTTTGCTAA	
<i>Pdia6</i>	Forward	GGTGAGCTGCACCTTCTTTC	60
	Reverse	GCTGCTTCTCCATTCTGG	
<i>Xbp-1(u)</i>	Forward	TCCGCAGCACTCAGACTATGT	60
	Reverse	ATGCCCAAAGGATATCAGACTC	
<i>Xbp-1(s)</i>	Forward	GAGTCCGCAGCAGGTG	60
	Reverse	GTGTCAGAGTCCATGGGA	
<i>Grp94</i>	Forward	CTGGGTCAAGCAGAAAGGAG	60
	Reverse	TCTCTGTTGCTCCCGACTT	
<i>Cat</i>	Forward	ACATGGTCTGGGACTTCTGG	60
	Reverse	CAAGTTTTTGATGCCCTGGT	
<i>Sod1</i>	Forward	CCAGTGCAGGACCTCATTTT	60
	Reverse	TTGTTTCTCATGGACCACCA	
<i>Sod2</i>	Forward	CCGAGGAGAAGTACCACGAG	60
	Reverse	GCTTGATAGCCTCCAGCAAC	
<i>Prdx1</i>	Forward	TGCCAGATGGACAATTCAAA	60
	Reverse	GGTCCCAATCCTCCTTGTTT	

<i>Prdx2</i>	Forward	AGGACTTCCGAAAGCTAGGC	60
	Reverse	TTGACTGTGATCTGGCGAAG	
<i>Gpx1</i>	Forward	GTCCACCGTGTATGCCTTCT	60
	Reverse	TCTGCAGATCGTTCATCTCG	
<i>Gpx2</i>	Forward	GGCTTACATTGCCAAGTCGT	60
	Reverse	CTCCTGATGTCCGAACTGGT	
<i>Gsr</i>	Forward	CACGACCATGATTCCAGATG	60
	Reverse	CAGCATAGACGCCTTTGACA	
<i>Gstk1</i>	Forward	AATCGCTGGGATCATGAAAG	60
	Reverse	TTGCTCCATGCTTACAGTGG	
<i>ChIP E-box</i>	Forward	AGGCCAGAGGATGGAAAAGTT	60
	Reverse	AGGGTGGGTAGCTGAGGATT	