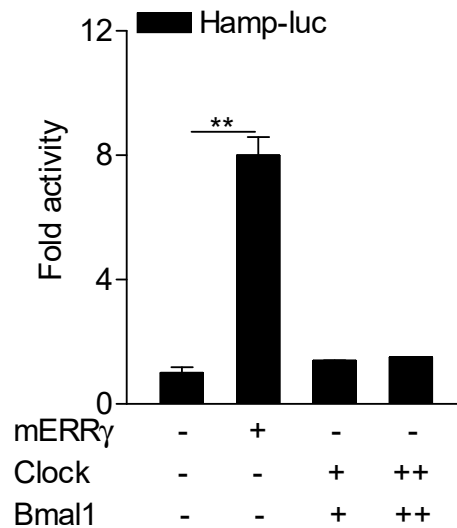


# Supplementary Figure S1



**Figure S1.** Circadian clock genes did not alter hepcidin promoter activity. HepG2 cells were co-transfected with mHamp-luc (200 ng) and vectors expressing Bmal1 (+: 100 ng, ++: 300 ng), Clock (+: 100 ng, ++: 300 ng) and mERRγ (+: 100 ng, as a positive control). Data are presented as means ± SD. \*\*  $P < 0.01$  using two-tailed Student's *t*-test.

Table S1. Q-PCR primer sequence and accession number for genes used in this study.

Gene name	Forward (5'-3')	Reverse(5'-3')	Accession number
<i>Bmal1</i>	AACCTTCCCGCAGCTAACAG	AGTCCTCTTTGGGCCACCTT	XM_030242022.2
<i>Per1</i>	GCTTCGTGGACTTGACACCT	TGCTTTAGATCGGCAGTGGT	NM_011065.5
<i>Hepcidin</i>	TGCCTGTCTCCTGCTTCTCCT	GATGGGGAAGTTGGTGTCTC	NM_032541.2
<i>MT1</i>	TACACTGTCAAGTCAGCGCA	GGGCATGATGGCGATGAG	NM_008639.3
<i>MT2</i>	ATCCAGACAGCCAGCACA	TGCGCAAATCACTCGGTC	NM_145712.2
<i>L32</i>	TCTGGTGAAGCCCAAGATCG	CTCTGGGTTTCCGCCAGT	NM_172086.2
Chip-AP-1	CTGGCTGTAGGTGACACAAC	AAGGACTTGTGTGGTGGCTG	
<i>mERRγ</i>			NM_001357534.1
<i>Clock</i>			XM_030254102.2