

Description of Additional Supplementary Files

Title: Supplementary Dataset 1.

Description: Total read counts of Bmal1wt and Bmal1mut brain endothelial cells (BECs). Brains from control or endothelial-cell Bmal1-deficient mice were collected at ZT2, ZT6, ZT10, ZT14, ZT18, and ZT22 (n=12; 6 time points, 2 independent experiments). BECs were isolated by FACS using CD31 antibody. RNA was extracted and sequenced with HiSeq.

Title: Supplementary Dataset 2.

Description: Cycling genes in Bmal1wt brain endothelial cells (BECs). RNA-sequencing from control BECs collected at ZT2, ZT6, ZT10, ZT14, ZT18, and ZT22 analyzed by Meta2d analysis for 24-hour cycling.

Title: Supplementary Dataset 3.

Description: Cycling genes in Bmal1mut brain endothelial cells (BECs). RNA-sequencing from Bmal1^{fl/fl}; Tie2^{cre} BECs collected at ZT2, ZT6, ZT10, ZT14, ZT18, and ZT22 analyzed by Meta2d analysis for 24-hour cycling.