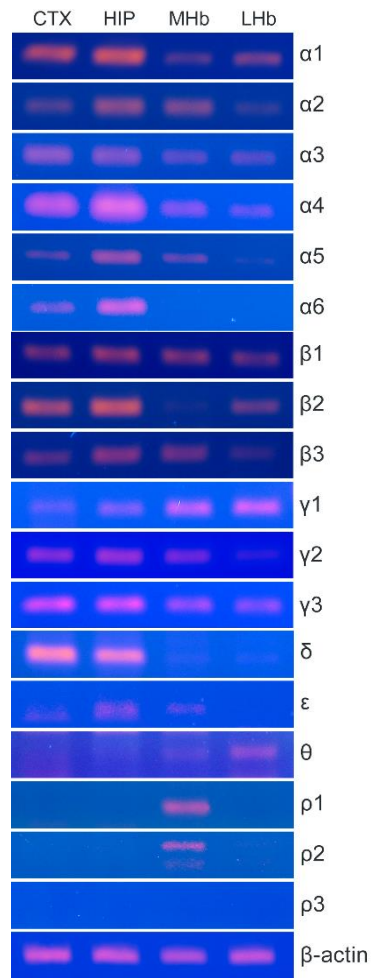


## Supplementary Information

**Optogenetic activation of septal GABAergic afferents entrains neuronal firing in the medial habenula**

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**Supplementary Figure S1. mRNA expression of GABA<sub>A</sub> receptor subtypes in different brain regions.** A representative example of the RT-PCR products specific for each GABA<sub>A</sub> receptor subtype mRNA is shown. CTX, cortex; HIP, hippocampus; MHb, medial habenula; LHb, lateral habenula. Detailed method is described in Materials and Method in the main text.