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Supplemental Information

Endocannabinoids Gate State-Dependent Plasticity of Synaptic Inhibition in Feeding Circuits

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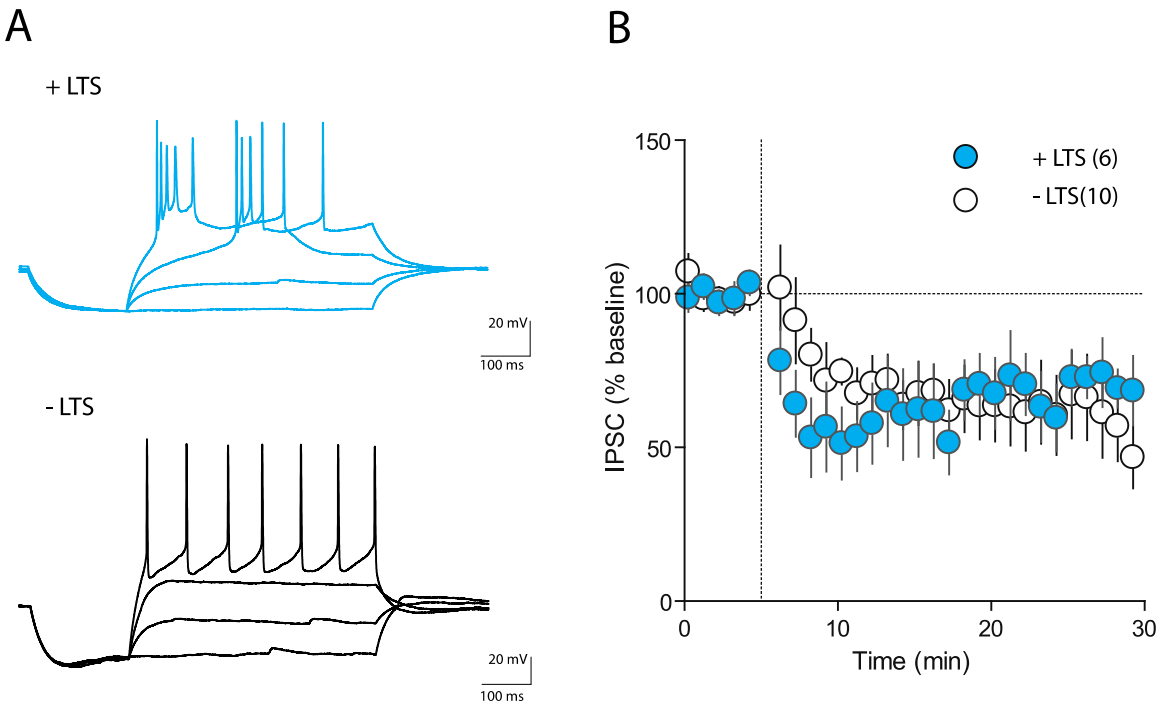
Inventory of Supplemental Information

Supplementary Figure 1. Heterogeneity of DMH neurons has no impact on induction of LTD_{GABA}
Related to figure 1 in manuscript.

Supplementary Figure 2. HFS elicits LTP_{GABA} in $CB1^{-/-}$ mice
Related to figure 2 in manuscript.

Supplementary Figure 1. Heterogeneity of DMH neurons has no impact on induction of LTD_{GABA}



Two distinct electrical fingerprints were observed in DMH neurons. Current clamp traces in top panel represent a subset of neurons that exhibited low-threshold spikes when the membrane was depolarized from negative potentials. A second proportion of cells exhibited no LTS (lower panel). (B) There was no difference in the capacity of the different cell types to undergo LTD. The numbers in parentheses indicate number of cells tested.

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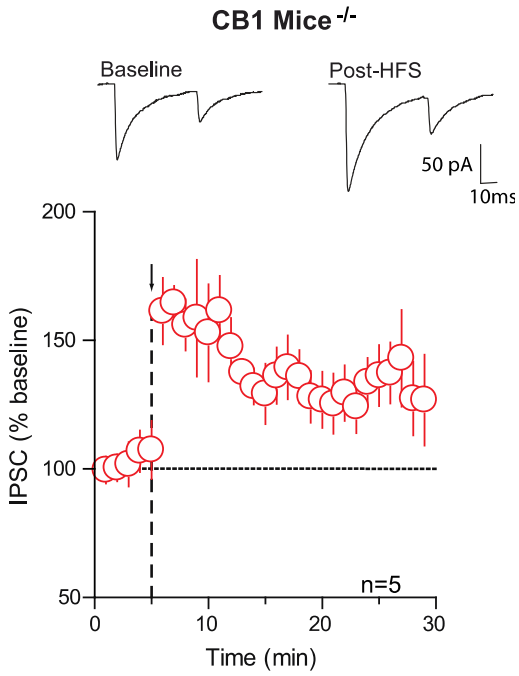
Supplementary Figure 2. HFS elicits LTP_{GABA} in $CB1^{-/-}$ mice



Summary of effects of HFS on IPSCs in $CB1^{-/-}$ mice. Sample traces are shown above.

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