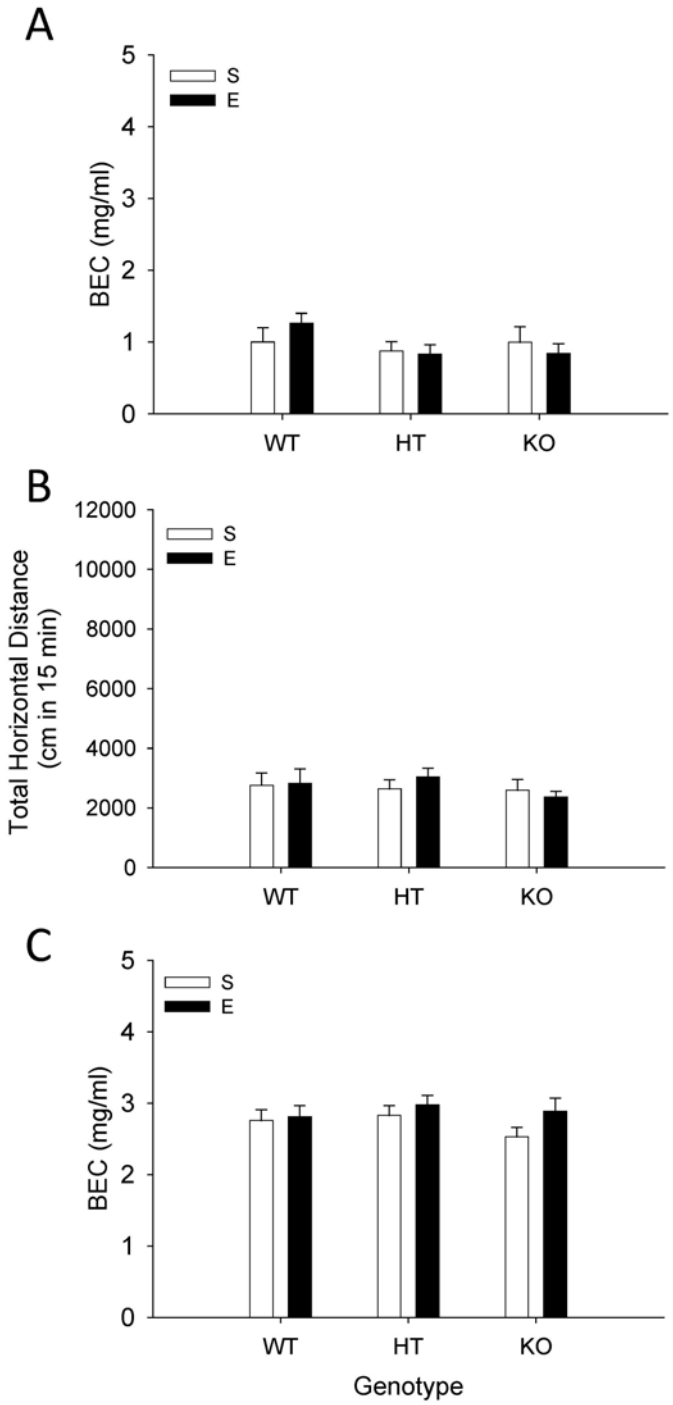

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Role of Corticotropin Releasing Factor and Corticosterone in Behavioral Sensitization to Ethanol

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Supplementary Fig. 1. Corticotropin releasing factor (CRF) mutation does not affect blood ethanol concentration (BEC) or locomotion obtained after saline (S) administration. (A) BEC (mean mg/ml ± S.E.M.) from blood obtained immediately after completion of the 15-min EtOH (E; 1.5 g/kg)-induced locomotor activity test on day 11; wild type (WT), heterozygous (HT) and CRF knockout (KO) mice (n = 12-16 per group) were pretreated for 10 days with S or 2.5 g/kg E. (B) The same animals were tested on day 12 for baseline locomotion (mean cm ± S.E.M.). (C) On day 19, upon recovery of the righting reflex, blood samples were collected for BEC determination (note that E was injected at the dose of 3.6 g/kg to induce sedation).