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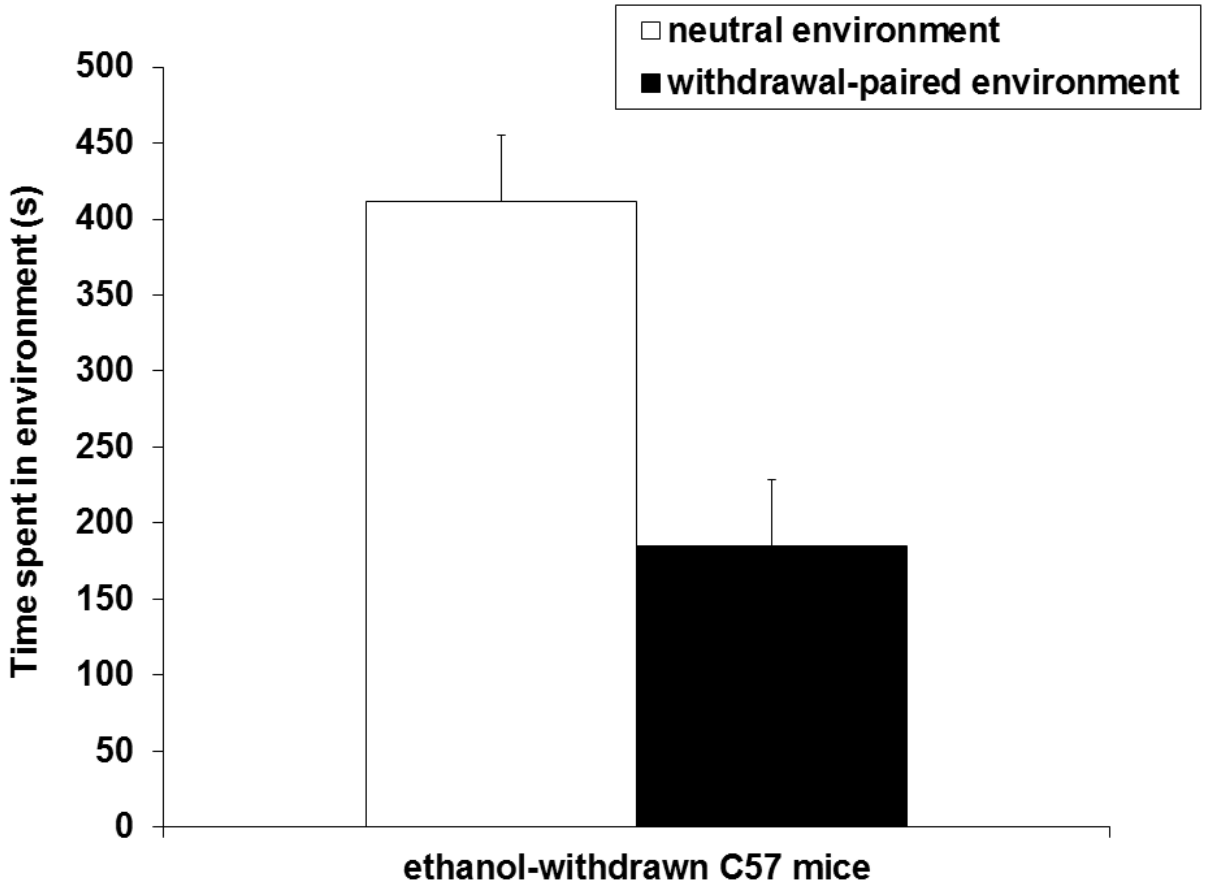
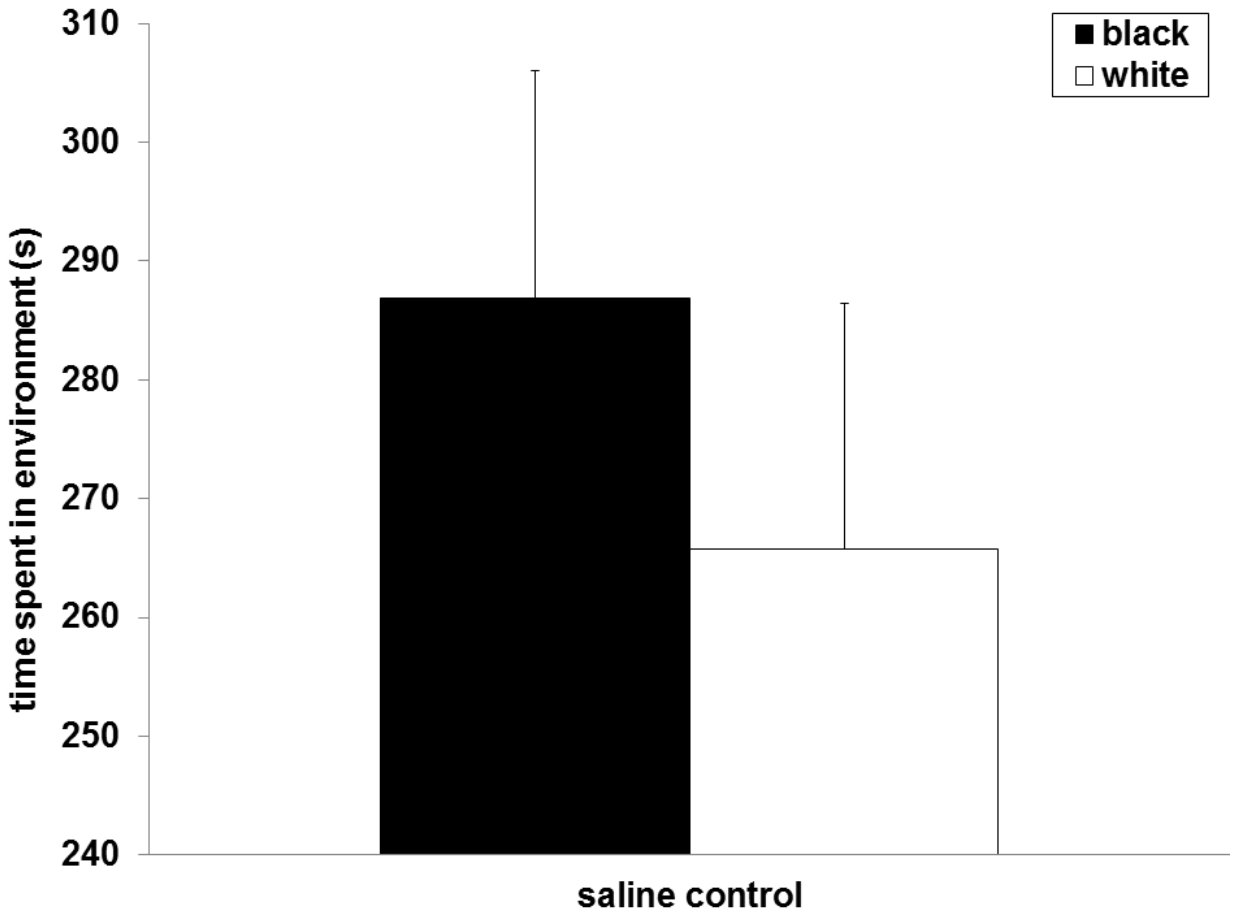
which should be cited to refer to this work.



Supplementary Figure 1. C57BL/6 mice avoid an environment paired with ethanol withdrawal.

After four days of exposure to Lieber DeCarli's Ethanol Liquid Diet (replacing all rodent chow and water), the diet was removed and replaced with a control liquid diet eight hours prior to a five-minute conditioning session for C57BL/6 mice (no drug injections) (n=8). **One hour after conditioning,** the ethanol diet was re-introduced and the control diet removed. This cycle continued for four days before the mice were given one week to recover with regular rodent chow and water. A 10-minute conditioning test revealed a significant conditioned place aversion to the ethanol withdrawal-paired environment versus the neutral environment [$t(1,7) = 2.58$, $p = 0.036$]. Data represent means +/- SEMs of time spent in the environments.



Supplementary Figure 2. C57BL/6 mice show no baseline preferences in our place conditioning paradigm.

Mice received a saline injection prior to a 5-minute conditioning session in one of two distinct conditioning environments (see methods) (n=15). This continued for eight days (with exposures to alternating conditioning environments) after which the mice were given a week prior to testing. A 10-minute conditioning test revealed no significant preference or aversion to either the black or white conditioning environments [$t(1,14) = 0.532$, $p = 0.603$]. Data represent means +/- SEMs of time spent in the environments.