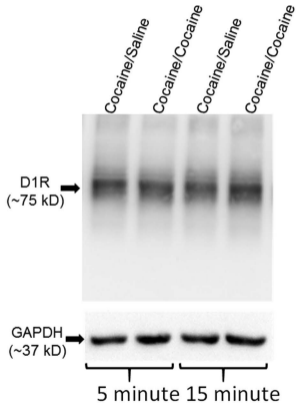
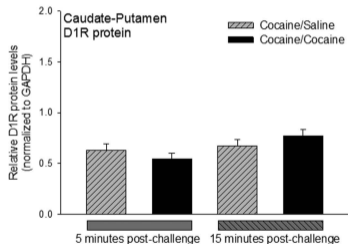


Supplementary Figures.

Supplementary Figure 1. Cumulative data and representative western blot showing the expression of D1R protein and internal control, GAPDH, in tissue punches of caudate-putamen harvested 5 and 15 minutes after the challenge injection on day 8 from *drd1a*-EGFP mice that were binge-treated with 15 mg/kg cocaine for 7 days and challenged with saline (cocaine/saline) or 15 mg/kg cocaine (cocaine/cocaine). The molecular weight (kD) of D1R and GAPDH detected by the antibodies are indicated. Error bars represent \pm SEM.

Supplementary Figure 2. Representative western blot showing the expression of D1R protein and internal control, GAPDH, in tissue punches of nucleus accumbens harvested 30 minute after the challenge injection on day 8 from *drd1a*-EGFP mice that were binge-treated with saline for 7 days and challenged with saline (saline/saline) or 15 mg/kg cocaine (saline/cocaine) or binge-treated with 15 mg/kg cocaine for 7 days and challenged with saline (cocaine/saline) or 15 mg/kg cocaine (cocaine/cocaine). The molecular weight (kD) of D1R and GAPDH detected by the antibodies are indicated.

Supplementary Figure 1



Supplementary Figure 2

