

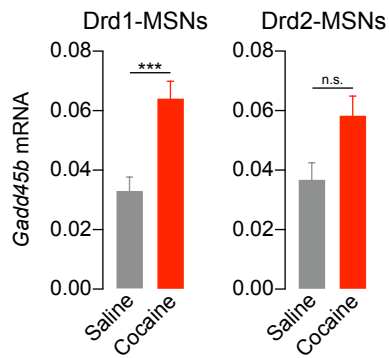


Figure S1. Cocaine-induced changes in *Gadd45b* mRNA are specific to Drd1-MSNs. snRNA-seq dataset from NAc tissue harvested 1 hr following acute cocaine (20 mg/kg; from Savell, Tuscher, Zipperly, Duke, Phillips et al., *Science Advances* 2020). In Drd1-MSNs (saline, n=1151; cocaine, n=1597), *Gadd45b* mRNA is increased by cocaine. In Drd2-MSNs (saline, n=815; cocaine, n=1168), *Gadd45b* does not differ in saline and cocaine treated rats. *** $p < 0.001$ for indicated comparison.