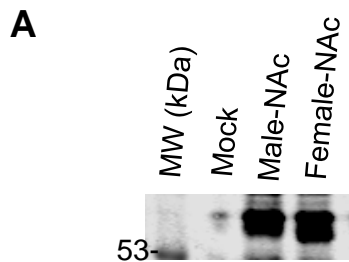


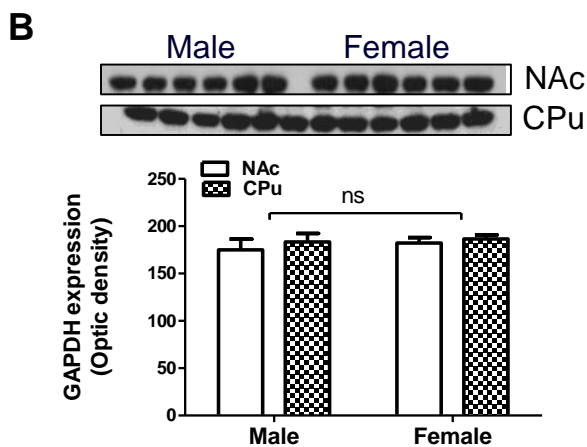
## Supplementary Figure 1



### Control for co-immunoprecipitation

Image of D1R co-immunoprecipitated with D2R from male and female NAc.

A mock control, IgG with buffer but no NAc proteins, was used as a control. No band corresponding to the D1R was detected, confirming the specificity of the co-immunoprecipitation.



### Analysis of GAPDH expression

GAPDH was used as control for all proteins analyzed by western blotting. We tested if this control protein was not sexually dimorphic. Shown is WB images and analysis of GAPDH expression in the NAc and CPu of female and male rats. Statistical analysis (Two-way ANOVA, "sex" and "region") showed that there is no significant (ns) difference between male and female rats in the expression of GAPDH in the NAc nor in the CPu.