

Supplementary Table 1. Numbers of male and female mice used in electrophysiological, fiber photometry and behavioural experiments.

Experiment (Figure)	# of Males	# of Females
1c mIPSC Naïve	2	2
1c mIPSC Restraint	2	2
1c mIPSC Foothock	2	2
1c mIPSC Restraint/24h	1	1
1h SuperClomeleon	5	4
2b mIPSC D2 ⁺ neurons - Quinpirole	2	2
2b mIPSC D2 ⁻ neurons - Quinpirole	2	2
2b mIPSC D2 ⁺ /Restraint neurons - Quinpirole	2	2
2h mIPSC Naïve shRNA ⁺	2	2
2h mIPSC Restraint shRNA ⁺	2	1
2i mIPSC Naïve shRNA ⁻	2	1
2i mIPSC Restraint shRNA ⁻	2	1
3c GABA Puff	3	3
3c GABA Puff+ quinpirole	2	2
3f Control	2	2
3f Quinpirole	5	5
4b Microdialysis	4	3
4h LC GCaMP6s fiber photometry	2	2
4j Microdialysis + DREADD saline	4	3
4j Microdialysis + DREADD CNO	3	4
5d SuperClomeleon + LC DREADD	2	2
5h SuperClomeleon + LC tdTomato	3	2
6d GCaMP6s in NAc-projecting neurons	5	4
6h PVT GCaMP + LC halorhodopsin	2	2
6l PVT GCaMP + tdTomato	3	2
7d LC tdTomato + fear conditioning control	12	2
7d LC ChR2 + fear conditioning control	12	2
Supplementary 4c PVT SuperClomeleon + THIP/Sal	2	1
Supplementary 8 NE microdialysis + LC DREADD SAL	4	3
Supplementary 8 NE microdialysis + LC DREADD CNO	3	4
Supplementary 9b PTX bath application	2	1
Supplementary 10d D2 GCaMP fiber photometry	2	2
Supplementary 12d Tail Susp	2	2
Supplementary 13 Locomotion correlation	1	1
Supplementary 14 LC ChR2 mIPSC	2	2
Supplementary 14 LC ChR2 mIPSC + Sulpiride	3	2