

Table S1. Membrane properties of DR neurons after social defeat

vmDR	RMP (mV)	Input Res (MOhms)	Tau (ms)	AHP Amp (mV)	AHP t 1/2 (ms)	AP Thres (mV)	AP Dur (ms)	AP Amp (mV)	# AP at 80pA	Gain (Hz/pA)
CONTROL (n=18)	-64.3 ± 0.7	467.9 ± 31.1	27.2 ± 1.8	27.5 ± 1.2	154.1 ± 13.0	-22.1 ± 0.8	1.8 ± 0.1	56.3 ± 1.5	1.5 ± 0.4	0.019 ± 0.005
INTRUDER (n=18)	-65.3 ± 2.1	441.1 ± 36.1	28.2 ± 1.3	28.4 ± 0.9	172.7 ± 11.5	-20.3 ± 1.0	1.8 ± 0.07	56.9 ± 2.0	1.3 ± 0.3	0.016 ± 0.004
t-test p val	0.703	0.580	0.647	0.545	0.294	0.146	0.575	0.798	0.678	0.612
lwDR	RMP (mV)	Input Res (MOhms)	Tau (ms)	AHP Amp (mV)	AHP t 1/2 (ms)	AP Thres (mV)	AP Dur (ms)	AP Amp (mV)	# AP at 80pA	Gain (Hz/pA)
CONTROL (n=15)	-63.7 ± 2.1	688.8 ± 56.7	35.4 ± 2.4	34.7 ± 1.6	266.5 ± 18.1	-24.8 ± 0.8	2.5 ± 0.1	65.7 ± 1.6	2.4 ± 0.4	0.030 ± 0.005
INTRUDER (n=18)	-65.5 ± 2.3	522.1 ± 30.9	33.2 ± 3.3	32.2 ± 1.5	231.1 ± 14.8	-25.5 ± 0.7	2.4 ± 0.1	61.0 ± 2.8	2.2 ± 0.3	0.029 ± 0.004
t-test p val	0.592	0.139	0.626	0.273	0.141	0.522	0.639	0.202	0.749	0.845

Values are mean ± s.e.m. AHP - after hyperpolarization, Amp - amplitude, AP - action potential, Dur - duration, Res - resistance, RMP - resting membrane potential, t ½ - time to half-amplitude, Thresh - threshold

Table S2. Autoreceptor-mediated responses of DR neurons after social defeat

vmDR	Hyperpol (mV)	Δ Res (Mohms)	% Decr Res	lwDR	Hyperpol (mV)	Δ Res (Mohms)	% Decr Res
CONTROL (n=18)	-10.9 ± 2.1	-270.7 ± 56.6	-45.3 ± 6.2	CONTROL (n=15)	-8.5 ± 1.3	-203.9 ± 38.5	-49.3 ± 3.7
INTRUDER (n=18)	-13.0 ± 2.6	-321.5 ± 45.6	-54.7 ± 3.3	INTRUDER (n=18)	-12.0 ± 3.0	-295.4 ± 94.5	-50.4 ± 7.5
t-test p val	0.566	0.526	0.255	t-test p val	0.305	0.383	0.896

Values are mean ± s.e.m. Hyperpol - Hyperpolarization, Res - Resistance

Table S3. Results of sIPSC recordings in DR neurons of untreated mice

	Frequency (Hz)	Weighted Decay Tau (ms)	Decay Time 50% (ms)	Rise Time (ms)	Average Amp (pA)	Median Amp (pA)	Charge Per IPSC (pAms)	Mean Phasic Current (pA)
vmDR (n=13)	2.2 ± 0.7	5.1 ± 0.3	1.8 ± 0.08	1.9 ± 0.06	12.6 ± 1.2	10.8 ± 0.8	74.0 ± 6.2	0.18 ± 0.05
lwDR (n=13)	1.9 ± 0.5	5.3 ± 0.7	1.8 ± 0.08	1.9 ± 0.07	11.7 ± 0.9	10.2 ± 0.7	69.5 ± 7.2	0.11 ± 0.02
t-test p val	0.717	0.801	0.879	0.905	0.586	0.533	0.642	0.247

Values are mean ± s.e.m. Amp - amplitude

Table S4. Results of sEPSC recordings in DR neurons after social defeat

vmDR	Frequency (Hz)	Decay Tau (ms)	Rise Time (ms)	Average Amp (pA)	Median Amp (pA)	Charge Per EPSC (pAms)	Mean Phasic Current (pA)
CONTROL (n=14)	14.7 ± 3.0	1.9 ± 0.2	1.4 ± 0.03	17.1 ± 1.0	13.6 ± 0.8	47.7 ± 4.2	0.66 ± 0.12
INTRUDER (n=13)	19.0 ± 3.1	1.9 ± 0.2	1.4 ± 0.5	16.2 ± 1.0	12.8 ± 0.5	48.5 ± 4.1	0.70 ± 0.18
t-test p val	0.349	0.917	0.602	0.575	0.417	0.906	0.843
IWDR	Frequency (Hz)	Decay Tau (ms)	Rise Time (ms)	Average Amp (pA)	Median Amp (pA)	Charge Per EPSC (pAms)	Mean Phasic Current (pA)
CONTROL (n=16)	22.8 ± 3.2	1.4 ± 0.1	1.3 ± 0.02	18.4 ± 0.5	14.2 ± 0.5	44.0 ± 1.8	0.99 ± 0.14
INTRUDER (n=15)	22.0 ± 4.0	1.7 ± 0.1	1.3 ± 0.02	17.5 ± 1.0	14.3 ± 0.8	46.8 ± 3.2	1.07 ± 0.23
t-test p val	0.883	0.080	0.965	0.464	0.945	0.438	0.755

Values are mean ± s.e.m. Amp - amplitude