

Supplemental Table 2. Comparison of spontaneous firing activity of striatal MSNs and FSIs across genotypes and drug treatments.

	Group	Firing rate (Hz)	Spike duration (ms)	% cells firing
Spontaneously active and quiescent MSNs	WT-veh (46 cells)	0.0031 ± 0.002	1.30 ± 0.024	7.3%
	TG5-veh (46 cells)	0.058 ± 0.052	1.35 ± 0.030	10.8%
	WT-PDE9Ai (51 cells)	0.012 ± 0.006	1.37 ± 0.025	13.7%
	TG5-PDE9Ai (27 cells)	0.057 ± 0.045	1.32 ± 0.026	14.8%
Spontaneously active and quiescent FSIs	WT-veh (7 cells)	4.25 ± 2.88	0.89 ± 0.064	71.4%
	TG5-veh (6 cells)	7.74 ± 7.74	0.86 ± 0.033	20.0%

Data are presented as mean ± SEM. Data were analyzed using Two-way ANOVA (MSNs) and t-test (FSIs). $p > 0.05$ for all comparisons. Abbreviations: FSI, fast-spiking interneuron; MSN, medium-sized spiny neuron; PDE9Ai, phosphodiesterase 9A inhibitor (PF-04447943), TG5, BAC transgenic HD rats; veh, vehicle; WT, wild-type rats.