

Supplementary Table 1 Specific and total number of neurons in the antral myenteric plexus between gastric electrical stimulation and sham gastric electrical stimulation in diabetic and control canines

Chemical marker	DM (<i>n</i> = 6)			Controls (<i>n</i> = 3)		
	GES	SGES	<i>P</i> value	GES	SGES	<i>P</i> value
ChAT	301.8 ± 61.4	245.3 ± 46.2	0.127	255.0 ± 64.2	219.7 ± 11.4	0.390
Anti-Hu	410.8 ± 76.5	364.0 ± 71.0	0.302	342.0 ± 91.0	300.0 ± 20.0	0.477
ChAT/Anti-Hu (%)	73.3 ± 1.7	67.5 ± 1.8	0.002	74.7 ± 1.4	73.3 ± 1.8	0.504
VIP	214.2 ± 42.9	184.7 ± 41.4	0.223	158.3 ± 41.0	144.0 ± 4.0	0.581
Anti-Hu	421.0 ± 76.1	356.0 ± 80.4	0.151	352.3 ± 91.2	307.7 ± 11.7	0.433
VIP/Anti-Hu (%)	50.8 ± 1.3	51.9 ± 0.8	0.054	44.9 ± 0.8	46.8 ± 1.2	0.227
nNOS	128.8 ± 26.3	98.0 ± 24.1	0.070	128.7 ± 34.4	96.0 ± 4.4	0.282
Anti-Hu	399.0 ± 67.6	358.8 ± 82.0	0.356	344.7 ± 100.1	299.3 ± 19.4	0.578
nNOS/Anti-Hu (%)	32.1 ± 1.7	27.3 ± 1.4	0.002	37.5 ± 1.3	32.1 ± 0.7	0.036
CALR	133.2 ± 26.1	114.7 ± 22.5	0.174	117.0 ± 37.6	91.3 ± 3.2	0.326
Anti-Hu	412.3 ± 68.8	365.7 ± 77.6	0.217	360.3 ± 89.3	293.7 ± 4.5	0.341
CALR/Anti-Hu (%)	32.2 ± 2.0	31.5 ± 2.0	0.631	32.2 ± 3.3	31.1 ± 1.6	0.508