

Supplemental Table 1: Average daily blood glucose concentrations (mg/dl) in STZ-diabetic rats during the recurrent saline (STZ) or recurrent insulin treatments (STZ+RH and STZ+RH+4.5 Carvedilol groups). Data presented as mean \pm S.E.M.

	Time (min)	STZ (n=7)	STZ + RH (n=6)	STZ + RH + 4.5 Carvedilol (n=7)
Day 1	0	413.5 \pm 27.1	483.3 \pm 42.1	478.3 \pm 42.4
	30	384.5 \pm 48.0	245.5 \pm 52.9	215.0 \pm 54.4
	60	363.5 \pm 40.4	94.5 \pm 11.0	90.8 \pm 4.1
	90	376.8 \pm 15.6	53.8 \pm 12.3	80.3 \pm 13.9
	120	367.8 \pm 17.7	36.3 \pm 3.4	35.3 \pm 7.4
	150	360.3 \pm 29.8	37.0 \pm 4.5	30.0 \pm 3.4
	180	365.0 \pm 30.0	34.5 \pm 4.9	31.0 \pm 0.4
Day 2	0	429.3 \pm 35.1	462.3 \pm 43.6	448.0 \pm 42.5
	30	416.8 \pm 35.5	173.8 \pm 64.9	124.3 \pm 29.8
	60	375.5 \pm 49.3	82.5 \pm 23.2	59.0 \pm 15.6
	90	372.8 \pm 50.9	63.8 \pm 21.0	38.5 \pm 10.7
	120	377.3 \pm 40.6	43.3 \pm 6.4	30.0 \pm 2.9
	150	382.5 \pm 30.3	30.3 \pm 5.6	31.0 \pm 2.5
	180	370.3 \pm 26.5	32.0 \pm 4.7	31.5 \pm 4.3
Day 3	0	414.8 \pm 31.3	486.5 \pm 64.5	453.0 \pm 47.1
	30	426.5 \pm 38.9	213.0 \pm 56.2	213.5 \pm 64.8
	60	382.0 \pm 42.6	134.5 \pm 38.9	164.0 \pm 73.6
	90	382.8 \pm 26.4	75.0 \pm 28.2	80.8 \pm 27.4
	120	389.8 \pm 36.1	46.3 \pm 16.0	38.0 \pm 4.4
	150	375.0 \pm 41.7	31.5 \pm 8.6	32.8 \pm 4.9
	180	381.8 \pm 43.8	37.8 \pm 4.5	29.8 \pm 3.4