Simultaneous measurements of gross locomotor activity by intraperitoneal telemetry probes and by external motion detectors

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C57BL/6 (A and B) and C57BL/6x129 mice (C and D) were injected intraperitoneally with either resiniferatoxin (RTX, 20 ng/kg; B), anandamide (AEA, 15 mg/kg; D), or their vehicle (10% ethanol, 3.3 and 30 ml/kg; A and C, respectively). Locomotor activity was recorded simultaneously with G2 E-Mitter probes and Infrared Cage Top Motion Sensors (main article, Materials and Methods). In all experiments, the two methods produced nearly identical curves.