

Cohort and subjects	Cocaine exposure CPP day 1 (mg/kg)	Cocaine exposure CPP day 2 (mg/kg)	Cocaine exposure CPP day 3 (mg/kg)	Daily cocaine exposure during locomotor sensitization (mg/kg)
WT saline				
465	0	0	0	0
421	0	0	0	0
385	0	0	0	0
456	0	0	0	0
457	0	0	0	0
438	0	0	0	0
201	0	0	0	0
302	0	0	0	0
247	0	0	0	0
240	0	0	0	0
251	0	0	0	0
254	0	0	0	0
423	0	0	0	0
346	0	0	0	0
212	0	0	0	0
216	0	0	0	0
250	0	0	0	0
392	0	0	0	0
296	0	0	0	0
WT cocaine				
448	5	5	5	15
356	5	5	5	15
458	5	5	5	15
492	5	5	5	15
497	5	5	5	15
478	5	5	5	15
223	5	5	5	15
263	5	5	5	15
264	5	5	5	15
425	5	5	5	15
256	5	5	5	15
307	5	5	5	15
159	5	5	5	15
315	5	5	5	15
314	5	5	5	15
235	5	5	5	15
270	5	5	5	15
220	5	5	5	15
KO saline				
396	0	0	0	0
470	0	0	0	0
410	0	0	0	0
484	0	0	0	0
389	0	0	0	0
474	0	0	0	0
150	0	0	0	0
154	0	0	0	0
196	0	0	0	0
269	0	0	0	0
276	0	0	0	0
183	0	0	0	0
353	0	0	0	0
424	0	0	0	0
336	0	0	0	0
292	0	0	0	0
KO cocaine				
529	5	5	5	15
408	5	5	5	15
411	5	5	5	15
416	5	5	5	15
489	5	5	5	15
355	5	5	5	15
496	5	5	5	15
345	5	5	5	15
416	5	5	5	15
155	5	5	5	15
145	5	5	5	15
265	5	5	5	15
356	5	5	5	15
236	5	5	5	15
326	5	5	5	15
283	5	5	5	15

Supplementary Table S1. Chart showing the prior injection/drug exposure for each group in the sensitization study. Mice that had been tested for conditioned place preference (CPP) were later subjected to the locomotor sensitization paradigm and received either saline or cocaine injections, as they had in the place preference paradigm. The first column provides the animal tag number.