

# Supporting Information

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Table S1. Absolute values of the dendritic complexity index (DCI) under the various experimental conditions

Dendritic tree	Experimental condition	DCI ( $\pm$ SEM)	<i>n</i>
apical	Control	55,699 $\pm$ 8961	29
	Tropisetron	247,757 $\pm$ 52,874*	39
basal	Control	10,312 $\pm$ 1650	17
	Tropisetron	11,184 $\pm$ 1795	32
apical	Control	17281 $\pm$ 3032	32
	KO	26,914 $\pm$ 3230*	26
apical	Control	43,113 $\pm$ 12,132	5
	G10	172,942 $\pm$ 47,334*	9
basal	Control	16,230 $\pm$ 3406	5
	G10	13,842 $\pm$ 2834	9
apical	Control	68,534 $\pm$ 16,801	9
	G10 + tropisetron	333,505 $\pm$ 64,577*	12
basal	Control	16,044 $\pm$ 3298	11
	G10 + tropisetron	15,522 $\pm$ 2998	9
apical	Control	37,878 $\pm$ 7256	6
	Tropisetron + reelin	46,331 $\pm$ 7906	7
	Tropisetron + reelin + G10	165,220 $\pm$ 68,016*	6
	Control	56,258 $\pm$ 6182	54
	KO	131,517 $\pm$ 28,677*	20
	KO + reelin	53,482 $\pm$ 10,316	6
	Control	112,050 $\pm$ 18,853	10
	R4B	123,811 $\pm$ 21,675	15
	R5A	92,775 $\pm$ 27,168	7
	Control	54,172 $\pm$ 8918	11
	Tropisetron + NR2	49,709 $\pm$ 16,875	11
	Control	42,745 $\pm$ 10,236	10
	Tropisetron + R3–6	146,184 $\pm$ 34,319*	16
	Control	81,301 $\pm$ 25,512	14
	RAP	89,720 $\pm$ 15,752	12
	Control	87,089 $\pm$ 23,078	20
	Echistatin	326,075 $\pm$ 77,376*	11

Asterisks indicate significant difference as compared with control ( $P < 0.05$ ).