

Table S2.

Quantification of apical and basal dendritic branch number in <i>in utero</i> electroporated paired neurons in 300 μ m sections.								
<u>Individual Paired cell data</u>	Number of branches per neuron							
	Total branch number	Basal			Total branch number	Apical		
		Number of branches per neuron	Primary	Secondary		Tertiary	Number of branches per neuron	Primary
control	45	4	17	24	37	1	8	28
Epac2-RNAi	26	4	12	12	38	1	8	27
control	68	8	10	50	34	1	6	27
Epac2-RNAi	31	7	8	17	37	1	7	28
control	81	6	28	47	27	1	6	20
Epac2-RNAi	50	5	18	27	37	1	9	27
control	56	4	12	40	37	1	5	31
Epac2-RNAi	19	3	6	12	34	1	5	26
control	61	6	11	44	46	1	5	40
Epac2-RNAi	39	8	10	23	47	1	4	40
<u>Combined data</u>	Average number of branches (mean \pm s.e.m)							
	Average total branch number	Basal			Average total branch number	Apical		
		Average number of branches	Primary	Secondary		Tertiary	Average number of branches	Primary
control	62.2 \pm 6.0	5.6 \pm 0.7	15.6 \pm 3.3	41 \pm 4.6	36.2 \pm 3.1	1 \pm 0	6 \pm 0.5	29.2 \pm 3.2
Epac2-RNAi	33 \pm 5.4	5.4 \pm 0.9	10.8 \pm 2.1	18.2 \pm 2.9	38.6 \pm 2.2	1 \pm 0	6.6 \pm 0.9	29.6 \pm 2.6