

Supplementary Table 3. Sensory neurons with reduced Annexin A6 fail to innervate their target tissues due to the absence of a bipolar morphology.

Control MO					Annexin A6 MO				
<u>Ganglion</u>	<u>Section #</u>	<u>Number of electroporated neurons</u>	<u>Number of electroporated bipolar neurons</u>	<u>Number of electroporated neurons with short/no processes</u>	<u>Ganglion</u>	<u>Section #</u>	<u>Number of electroporated neurons</u>	<u>Number of electroporated bipolar neurons</u>	<u>Number of electroporated neurons with short/no processes</u>
1	1	6	6	0	1	1	5	0	5
	2	5	5	0		2	4	0	4
	3	3	3	0		3	5	1	4
2	1	5	5	0	2	4	3	0	3
	2	7	7	0		5	3	1	2
	3	4	4	0		1	6	0	6
	4	5	5	0		2	7	0	7
3	1	2	2	0	3	3	5	1	4
	2	3	3	0		4	6	0	6
	3	3	3	0		5	4	0	4
	4	4	4	0		6	4	0	4
	5	2	2	0		1	4	1	3
	6	1	1	0		2	8	1	7
4	1	4	4	0	4	3	5	0	5
	2	5	5	0		4	3	0	3
	3	3	3	0		5	2	0	2
	4	2	2	0		1	3	0	3
	5	4	4	0		2	4	0	4
5	1	5	5	0	5	3	2	0	2
	2	6	6	0		4	1	0	1
	3	5	5	0		1	4	0	4
	4	3	3	0		2	5	0	5
	5	4	4	0		3	4	1	3
						4	0	4	
						5	0	5	
						6	1	3	
						4	0	2	
						5	0	3	
						6	1	1	

Number of neurons examined	91	91	0	103	6	97
Percent of MO-containing neurons with two or short/no protrusions		100	0		5.83	94.2
Standard Deviation		1.49	0		0.430	1.64
SEM		0.156			0.175	0.166
Unpaired student's t test		1.8074E-14				