

Table S4. Quantification of NMJ parameters for experiments in Fig. S2B.

	Number of samples	Bouton number	p value vs C155-GAL4/+	Muscle area (μm^2) $\times 10^{-3}$	p value vs C155-GAL4/+	Bouton number /Muscle area ($\#/\mu\text{m}^2$) $\times 10^3$	p value vs C155-GAL4/+	Satellite bouton number	p value vs C155-GAL4/+
C155-GAL4/+	14	128.93 \pm 2.58		91.83 \pm 1.31		1.41 \pm 0.03		13.14 \pm 0.57	
C155-GAL4/+; UAS- <i>rap1</i> ^{RNAi1} /+	17	171.00 \pm 4.27	<0.001	94.03 \pm 1.28	0.753	1.82 \pm 0.05	<0.001	20.94 \pm 0.81	<0.001
C155-GAL4/+; UAS- <i>rap1</i> ^{RNAi2} /+	11	184.36 \pm 2.90	<0.001	95.44 \pm 1.47	0.359	1.93 \pm 0.04	<0.001	19.73 \pm 0.65	<0.001
			p value vs BG57-GAL4/+		p value vs BG57-GAL4/+		p value vs BG57-GAL4/+		p value vs BG57-GAL4/+
BG57-GAL4/+	10	124.00 \pm 5.71		88.99 \pm 1.04		1.39 \pm 0.07		12.89 \pm 1.13	
BG57-GAL4/UAS- <i>rap1</i> ^{RNAi1}	11	107.82 \pm 5.14	0.249	84.64 \pm 1.84	0.507	1.27 \pm 0.04	0.920	11.91 \pm 0.90	0.920
BG57-GAL4/UAS- <i>rap1</i> ^{RNAi2}	17	129.47 \pm 5.12	0.244	91.88 \pm 0.95	0.294	1.41 \pm 0.05	0.963	14.00 \pm 0.74	0.839