

Table S1. Quantification of NMJ parameters for experiments in Fig. 1B.

	Number of samples	Bouton number	p value vs WT	Muscle area (μm^2) $\times 10^{-3}$	p value vs WT	Bouton number /Muscle area ($\#/\mu\text{m}^2$) $\times 10^3$	p value vs WT	Satellite bouton number	p value vs WT
NMJ6/7									
<i>w¹¹¹⁸</i> (WT)	20	118.90 \pm 1.81		88.67 \pm 1.48		1.35 \pm 0.03		14.10 \pm 0.67	
<i>gef26⁶/gef26⁶</i>	14	148.07 \pm 2.16	<0.001	86.20 \pm 1.77	1.731	1.72 \pm 0.03	<0.001	20.14 \pm 0.80	<0.001
<i>gef26⁶/Df</i>	21	145.05 \pm 1.77	<0.001	85.88 \pm 1.45	1.349	1.69 \pm 0.03	<0.001	18.19 \pm 0.65	0.001
<i>C155-GAL4/+; gef26⁶/Df; UAS-gef26/+</i>	21	116.24 \pm 1.77	<0.001	89.14 \pm 1.45	0.895	1.30 \pm 0.03	0.901	12.90 \pm 0.65	0.774
<i>gef26⁶/Df; BG57-GAL4/UAS-gef26</i>	17	144.41 \pm 1.96	<0.001	87.30 \pm 1.61	0.721	1.66 \pm 0.03	<0.001	19.41 \pm 0.72	<0.001
NMJ4									
<i>w¹¹¹⁸</i> (WT)	11	15.82 \pm 0.66		35.47 \pm 1.02		0.45 \pm 0.01		2.55 \pm 0.41	
<i>gef26⁶/Df</i>	10	23.10 \pm 0.69	<0.001	33.94 \pm 1.07	<0.001	0.68 \pm 0.01	<0.001	8.10 \pm 0.43	<0.001