

Presynaptic terminals	Genotype	Animal #	sex	Terminal area (μm^2)	Terminal circularity	N	
	<i>KO</i>	5229	F	0.214 ± 0.08	$0.68 \pm .01$	294	
	<i>KO</i>	5233	M	0.205 ± 0.08	$0.68 \pm .01$	260	
	<i>KO</i>	5266	F	0.195 ± 0.08	$0.65 \pm .01$	196	
	<i>wt</i>	5235	F	0.170 ± 0.08	$0.66 \pm .01$	259	
	<i>wt</i>	5236	M	0.180 ± 0.06	$0.73 \pm .01$	337	
	<i>wt</i>	5264	M	0.169 ± 0.10	$0.64 \pm .01$	176	
	Genotype	Animal #	Sex	Spine area (μm^2)	Spine Circularity	PSD length (nm)	N
	<i>KO</i>	5229	F	0.0716 ± 0.004	$0.66 \pm .01$	250 ± 11	127
	<i>KO</i>	5233	M	0.0817 ± 0.004	$0.63 \pm .01$	270 ± 11	131
	<i>KO</i>	5266	F	0.0764 ± 0.004	$0.65 \pm .01$	258 ± 10	126
Postsynaptic spines	<i>wt</i>	5235	F	0.0926 ± 0.006	$0.73 \pm .01$	224 ± 9	132
	<i>wt</i>	5236	M	0.0769 ± 0.004	$0.70 \pm .01$	219 ± 8	132
	<i>wt</i>	5264	M	0.0686 ± 0.004	$0.78 \pm .01$	204 ± 6	131