

Table S4

	CTR	CAP1-KO	Change	CTR	Cofilin1-KO	Change	CTR	dKO	Change
Filopodia-like	0.08 ±0.02	0.03 ±0.01	-63%	0.07 ±0.01	0.04 ±0.01	-43%	0.10 ±0.01	0.05 ±0.01	-50%
Thin	0.39 ±0.03	0.27 ±0.02	-31%	0.35 ±0.03	0.25 ±0.02	-29%	0.38 ±0.03	0.21 ±0.02	-45%
Stubby	0.13 ±0.01	0.22 ±0.02	+69%	0.11 ±0.02	0.16 ±0.01	+45%	0.12 ±0.02	0.18 ±0.02	+50%
Mushroom-like	0.29 ±0.02	0.37 ±0.02	+28%	0.40 ±0.05	0.50 ±0.02	+25%	0.32 ±0.03	0.51 ±0.02	+59%
Branched	0.09 ±0.01	0.05 ±0.01	-44%	0.04 ±0.01	0.02 ±0.01	-50%	0.06 ±0.02	0.04 ±0.01	-33%
P-Value	<0.001			<0.01			<0.001		

N ≥ 15 spines per neuron, five neurons per group and experiment, three independent experiments