

Additional File 6. Density and median distance of label for clathrin at presynaptic terminals under control and depolarizing conditions.

	Density [number of labels within 200 nm of PM / μm presynaptic membrane]			Median Distance [nm, from presynaptic membrane]	
	control	High K⁺	% control	control	High K⁺
Exp 1	3.9 \pm 1.0 (n=29)	15.9 \pm 2.3 (n=33)	408% P<0.0001	147 (n=47)	87 (n=147) P<0.0001
Exp 2	1.8 \pm 0.6 (n=20)	7.9 \pm 1.0 (n=25)	439% P<0.0001	177 (n=12)	87 (n=84) P<0.005
Exp 3	4.7 \pm 1.2 (n=25)	11.8 \pm 3.1 (n=16)	251% P<0.05	127 (n=35)	90 (n=56) Not significant
Mean \pm SEM (Paired t)			366 \pm 58% P<0.05	150 \pm 15	88 \pm 1 P<0.1

For density of label, (n)= number of synaptic profiles measured; for distance of label, (n) = number of labels measured.

Statistical analysis within each experiment: Student's t-test for density; Wilcoxon test for median distance.