Supplementary Table I. Kinetics of CF-EPSCs and PF-EPSCs in JP-DKO PCs

	10 - 90% rise time (ms)	Decay Time constant (ms)	Amplitude (nA)	Conductance (hp:-10 to +50 mV) (nS)
Wild-type $(n = 16)$	0.37 ± 0.06	5.0 ± 1.1	2.3 ± 0.8	88 ± 36
JP-DKO (n = 19)	0.36 ± 0.04	$5.9 \pm 1.1*$	2.3 ± 0.8	95 ± 46
Wild-type $(n = 11)$	1.0 ± 0.3	9.0 ± 3.1		
JP-DKO (n = 11)	0.9 ± 0.1	8.5 ± 2.2		
	JP-DKO (n = 19) Wild-type (n = 11)	time (ms) Wild-type (n = 16) 0.37 ± 0.06 JP-DKO (n = 19) 0.36 ± 0.04 Wild-type (n = 11) 1.0 ± 0.3	time (ms)constant (ms)Wild-type (n = 16) 0.37 ± 0.06 5.0 ± 1.1 JP-DKO (n = 19) 0.36 ± 0.04 $5.9 \pm 1.1*$ Wild-type (n = 11) 1.0 ± 0.3 9.0 ± 3.1	time (ms)constant (ms)(nA)Wild-type (n = 16) 0.37 ± 0.06 5.0 ± 1.1 2.3 ± 0.8 JP-DKO (n = 19) 0.36 ± 0.04 $5.9 \pm 1.1*$ 2.3 ± 0.8 Wild-type (n = 11) 1.0 ± 0.3 9.0 ± 3.1

The data represent mean \pm SD., and a significant difference between the genotypes is indicated by an asterisk (*p < 0.05). Data are obtained from 5 to 9-week-old mice.