



Figure 4 – figure supplement 1: Quantitative PCR analysis of known spine and synapse modulators show no change in expression in *Gfap Smo* CKO mice. (A) Quantitative PCR shows no change in *Megf10* or *Mertk* in *Gfap Smo* CKO animals compared to controls ($n = 3$ and 6 samples of cortical RNA from WT and *Gfap Smo* CKO animals, respectively). Statistical significance assessed by unpaired Student's t-test of the quantification cycles for each sample. **(B)** Droplet digital PCR shows no difference in the number of transcripts of either *GLT-1* or *GLAST* in *Gfap Smo* CKO animals ($n = 3$ cortical RNA samples per genotype). Data points represent individual animals, bars represent mean \pm SEM. Statistical significance assessed by unpaired Student's t-test of the copy number for each target in each genotype.