Figure S15: Morphological analysis of Vgat^{fl/fl} and Vgat^{ECKO} somatosensory cortex: (A-B) Large basket cells in layer II/III from Vgat^{fl/fl} somatosensory cortex showed more axonal arborizations when compared to Vgat^{ECKO} cortex. (C) Comparison of dendritic length x branch order of basket cells between Vgat^{fl/fl} and Vgat^{ECKO} somatosensory cortex. The results showed a significant reduction in dendritic lengths at the 4th and 5th branch orders of basket cells of Vgat^{ECKO} group (n=9, *P<0.01, ANOVA and post-hoc tests). (D) Comparison of dendritic length x 30-um interval from the soma of basket cells between Vgat^{fl/fl} and Vgat^{ECKO} somatosensory cortex. The results showed a significant reduction in dendritic lengths at a distance of 90 to 120-um from the soma of basket cells of Vgat^{ECKO} group (n=9, *P<0.01, ANOVA and post-hoc tests).