Figure S8: (A) Experiment schematic: E15 Vgat^{fl/fl} periventricular endothelial cells (pv ecs) or Vgat^{ECKO} pv ecs (that do not secrete GABA) were seeded in a specific track spanning a 35 mm culture dish (red dotted long box). GE neurons from E15 GAD65-GFP telencephalon were plated at one end of the track (green dotted small box). One group of Vgat^{ECKO} pv ecs with GE neurons was treated with 5 µM GABA. (B-D) While GE neurons failed to migrate long-distance on Vgat^{ECKO} pv ecs (C), robust neuronal migration was observed in the control group (B) and in the Vgat^{ECKO} pv ecs treated with 5 µM GABA (D). White arrows point to robust neuronal migration and yellow asterisk reveals lack of migration. (E) Quantification of cell migration in B-D; Data represents mean ± SD (n=10, *P<0.05, Student’s t-test). Scale bars: B, 100 um (applies to C, D).