S6 Figure. P2X, P2Y, A2 receptors, KATP and GIRK channels inhibition does not induce paroxysmal activity in wild-type mice. (A) Representative traces of neuronal network activity in +/+ mice before and during application of the P2Y and P2X receptor antagonists PPADS + RB2 (30 μM; n = 6 slices from 3 mice), the KATP antagonist Tolbutamide (Tolb; 500 μM; n = 5 slices from 3 mice), the A2R antagonist SCH58261 (100 μM; n = 5 slices from 3 mice) and the GIRK channel antagonist SCH23390 (10 μM; n = 7 slices from 2 mice). Scale bar, 10 sec, 20 μV. (B) Quantification of the change in burst frequency in +/+ mice after application of PPADS + RB2, Tolb and SCH-58261 and SCH23390, normalised to control recordings performed in the same slice before drug application (student’s paired t-test). Asterisks indicate statistical significance (**) p < 0.01. The data underlying this figure can be found in the S1 MetaData M tab.