Supplementary Figure 1. Related to Figure 1. miRNAs of the miR379-410 cluster are expressed in neural precursors and differentiated neurons. (A) Fractions of sorted cells were immunostained for specific transcription factors to control sorting efficiency. (B) Neurons and Neural Precursor Cells (NPC) were maintained in culture for 5 days. Small RNAs were isolated and qRT-PCR performed for the indicated miRNAs in each population. (C) Cryosections were immunostained with the indicated antibodies. CD29 is present in the VZ neural progenitors, whereas CD24 is expressed in migrating neurons in the SVZ/IZ and immature neurons of the CP. Scale bars: 50 µm. (D) In situ hybridization was performed on E13.5, E15.5 and E17.5 brain slices with a probe specific for mature miR543. As a negative control, a scramble probe was hybridized on an E15.5 brain slice. Scale bars: 50 µm.