

Supplementary Figure 1. (A) A172 and U87 cells were transfected with a 1.5 ug of pMIR-Report and 3 ug of pRL-TK (*Renilla* luciferase plasmid; Promega,) and 24 hrs later firefly and *Renilla* luciferase activity were measured by quantitative luminescence assays to assess miR21 inhibition in glioma cells. (B-C) Primary mouse neuronal cultures (B) and HEK293 cells (C) were transfected with either LNA-antimiR-21 or LNA control (50 nM) and 24 hrs later cells were assayed for viability using ATP- dependent luciferase assays.