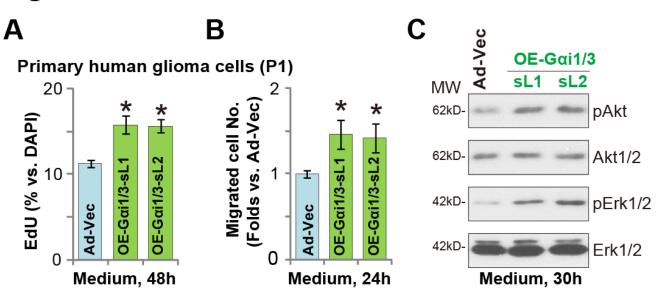
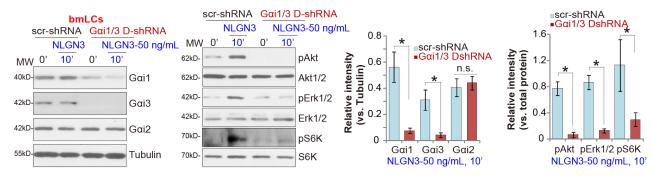
## Figure S1



**Figure S1**. P1 glioma cells, with the adenovirus G $\alpha$ i1 construct plus the adenovirus G $\alpha$ i3 construct ("OE-G $\alpha$ i1/3", two lines: "sL1/sL2") or empty vector ("Ad-Vec"), were cultured in complete medium for applied time period, cell proliferation (**A**, by recording EdU-positive nuclei ratio) and migration (**B**, "Transwell" assays) were tested; Listed proteins were shown (**C**). Blotting data was repeated five times (**C**). \*P< 0.05 vs. "Ad-Vec" cells.

## Figure S2



**Figure S2.** The brain-metastatic human lung cancer cells ("bmLCs"), with Gai1 shRNA plus Gai3 shRNA ("Gai1/3 DshRNA") or the scramble control shRNA ("scr-shRNA"), were treated with NLGN3 (50 ng/mL) for applied time periods, expressions of the listed proteins were tested by Western blotting assays; Quantifications were from five replicate blot data. \* P < 0.05. "n.s." stands for no statistical differences.