

Supplementary Material: miR-92a-3p Exerts Various Effects in Glioma and Glioma Stem-Like Cells Specifically Targeting CDH1/ β -Catenin and Notch-1/Akt Signaling Pathways

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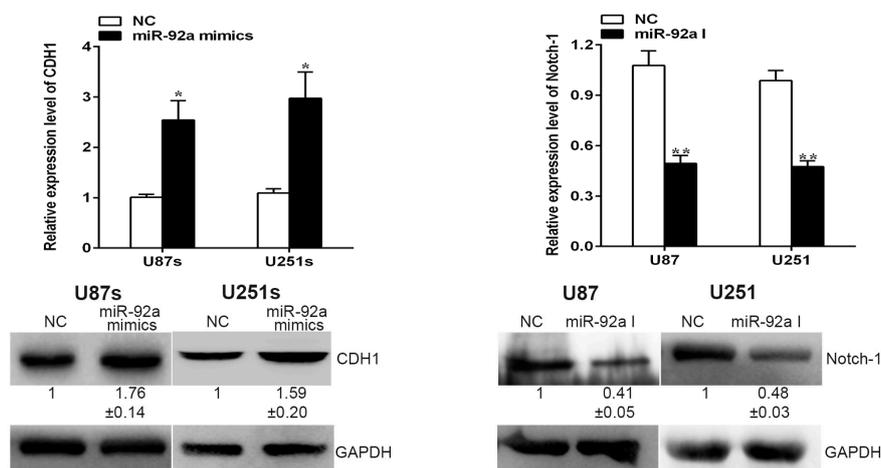


Figure S1. The mRNA and protein expression levels of CDH1 and Notch-1 were positively correlated with miR-92a in GSCs and glioma cells, respectively. * indicates $p < 0.05$, ** indicates $p < 0.01$.

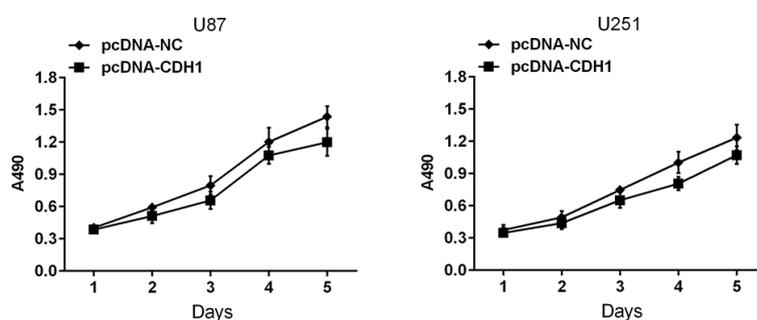


Figure S2. The effect of CDH1 on the proliferation of glioma cells in vitro.

Table S1. Top 10 miR-92a-3p's targets predicted by Targetscan and Microna.org. These genes are mostly involved in cell proliferation, migration, invasion, or self-renewal ability of stem cells.

| MicroRNA | Gene ID | Gene |
|------------|---------|---------|
| miR-92a-3p | 1,0114 | HIPK3 |
| miR-92a-3p | 1,0140 | TOB1 |
| miR-92a-3p | 1028 | CDKN1C |
| miR-92a-3p | 999 | CDH1 |
| miR-92a-3p | 1,0365 | KLF2 |
| miR-92a-3p | 4581 | NOTCH-1 |
| miR-92a-3p | 1,0579 | TACC2 |
| miR-92a-3p | 109 | ADCY3 |
| miR-92a-3p | 1008 | CDH10 |
| miR-92a-3p | 1,0018 | BCL2L11 |