Regulation of IL-8 gene expression in gliomas

by microRNA miR-93

Additional File

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**Additional File Figure 1.** A. Morphology of U251 glioma cells treated for 24 hours with control, pre-miR-93 and antagomiR-93 molecules (200 nM). B,C. Effects of the different treatments on apoptosis on U251 and T98G glioma cell lines, as indicated. Apoptosis was analyzed by the annexin-V release test [1] (B) or by caspase-3/7 production [2] (C). In panel B, the effects of a positive antagomiR-221 is also shown (see Brognara et al., 2014) [3]. Data represent the average S.D. of three independent experiments. ** = p<0.01. (-): untreated cellular samples.
Additional File Figure 2. Release of IL-8, VEGF and MCP-1 by U251 glioma cells cultured for 48 and 72 hours. Protein release was quantified by Bio-plex analysis. Data represent the average S.D. of three independent experiments. * = p<0.05; ** = p<0.01.

ADDITIONAL METHODS

Apoptosis was analyzed on U251 and T98G glioma cell lines after 48h of treatment with pre-miR-93 or antagomiR-93 (200nM). Cells were washed with sterile PBS (Phosphate-buffered Saline) and then tested with the Muse Annexin V Dead Cell kit (Millipore Corporation, Billerica, MA, USA) or Muse Caspase 3/7 kit (Millipore) [4]. The assays were performed with Muse Instrument (Millipore) [4], according to the instructions provided by the manufacturer.
ADDITIONAL REFERENCES

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