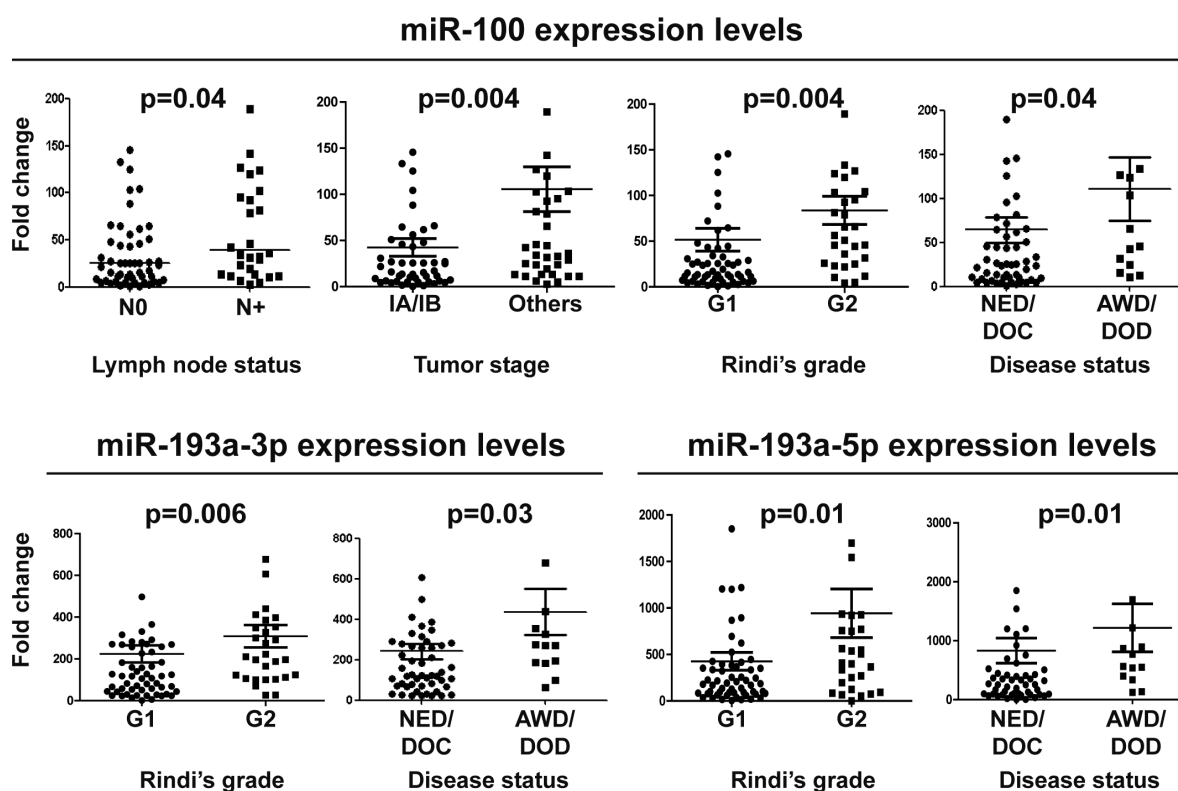
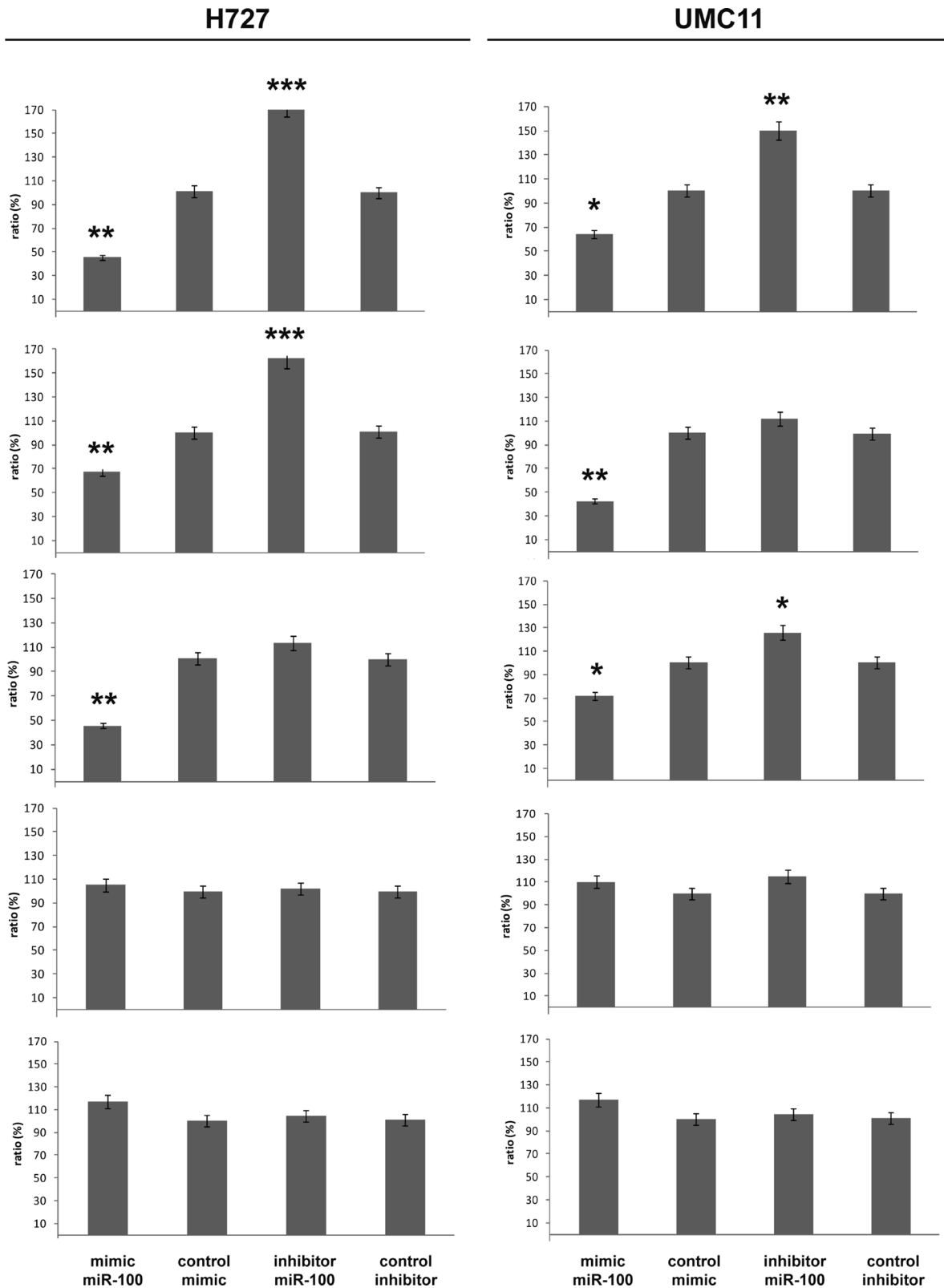


## High miR-100 expression is associated with aggressive features and modulates TORC1 complex activation in lung carcinoids

### SUPPLEMENTARY MATERIALS



Supplementary Figure 1: Correlation of miR-100, miR-193a-3p and miR-193a-5p expression levels with clinical and pathological characteristics in lung carcinoids.



Supplementary Figure 2: Quantification of Western blot bands illustrated in Figure 2G and 2H, by means of ImageJ software. Data was represented as mean  $\pm$  SEM. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ .

**Supplementary Table 1: Description of case series of 142 lung neuroendocrine neoplasms**

	<b>TC #50</b>	<b>AC #42</b>	<b>LCNEC #29</b>	<b>SCC #21</b>
<b>Sex (M/F)</b>	21/29	23/19	26/3	16/5
<b>Age (mean)</b>	55	58	65	66
<b>Tumor stage pT1/pT2/pT3-4</b>	35/11/4	20/16/5	6/16/3	3/6/0
<b>Size (median)</b>	2.8	4.07	3.5	3.2
<b>Nodal status N0/N+</b>	35/15	22/20	18/11	18/3
<b>Proliferation index (mean)</b>	4.5	9.5	66.1	87.6

**Supplementary Table 2: List of miRNA assays and genes used in real-time PCR and mimic/inhibitor miRNA used for cell transfection**

<b>miRNA/gene</b>	<b>Assays code</b>
<b>hsa-miR99a-5p</b>	000435
<b>hsa-miR99b-5p</b>	000436
<b>hsa-miR100a-5p</b>	000437
<b>has-miR-155a-5p</b>	002623
<b>has-miR-193a-3p</b>	002250
<b>has-miR-193a-5p</b>	002281
<b>has-miR-199-3p</b>	002304
<b>RNU6B</b>	001093
<b>mTOR</b>	Hs-00234508_m1
<b>ACTB</b>	Hs-01060665_g1
<b>Mimic/inhibitor</b>	<b>Assays code</b>
<b>hsa-miR100a-5p mimic</b>	MC10188
<b>hsa-miR100a-5p inhibitor</b>	MH10188
<b>has-miR-193a-3p mimic</b>	MC11123
<b>has-miR-193a-3p inhibitor</b>	MH11123
<b>has-miR-193a-5p mimic</b>	MC11786
<b>has-miR-193a-5p inhibitor</b>	MH11786
<b>Mimic negative control</b>	4464058
<b>Inhibitor negative control</b>	4464076