**Supplementary Information**

***Statins directly regulate pituitary cell function and exert antitumor effects in pituitary tumors***

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**Supplementary Figure 1:** Direct effect of SSAs (octreotide and pasireotide; 100 nM) and simvastatin (10 μM) on cell viability in ACTHomas (A: n=2 SSA-resistant tumors; B: n=1 SSA-responsive tumor) and in GHomas (C; n=4, all SSA-responsive tumor), measured by Alamar-blue reduction. Data are expressed as percent of vehicle-treated controls (set at 100%) within experiment. Statistical differences were assessed by one-way ANOVA followed by Dunnett´s test for multiple comparisons (according to normality evaluated by Kolmogorov-Smirnov test). Values represent the mean ± SEM. Asterisks (\*\* p<0.01) indicate statistically significant differences.

