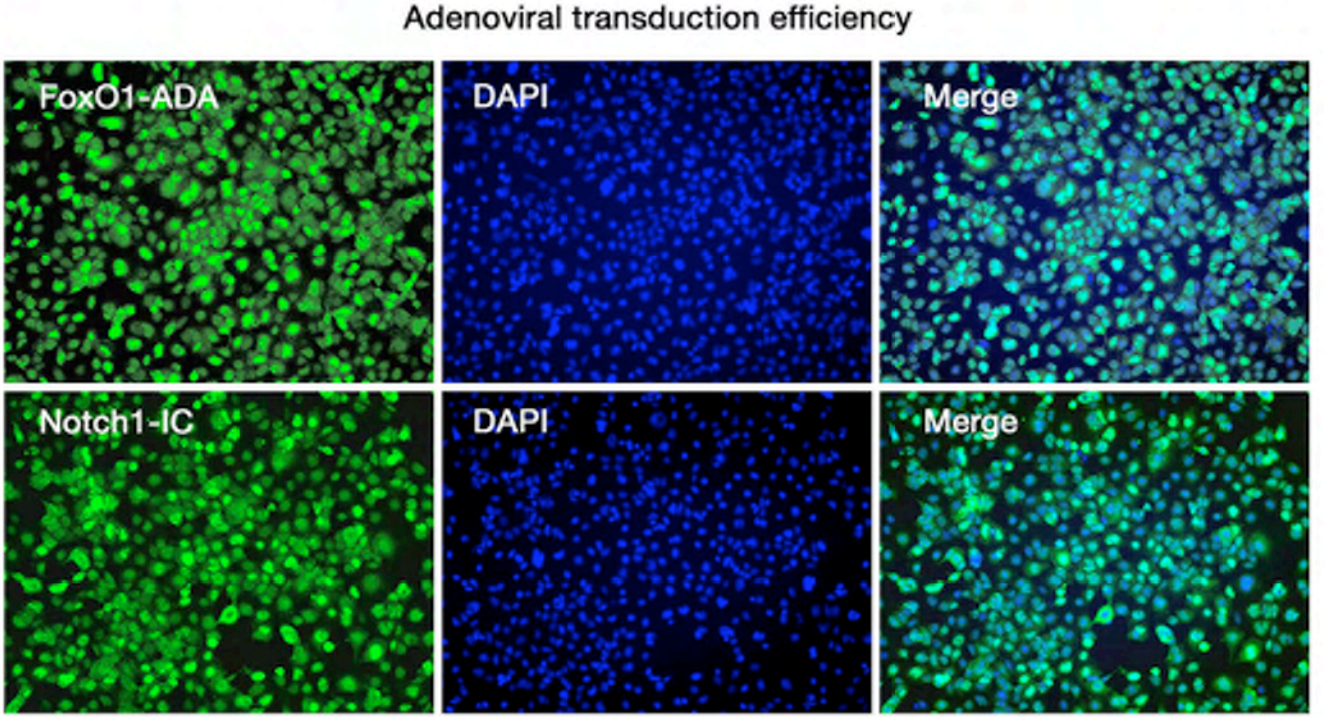
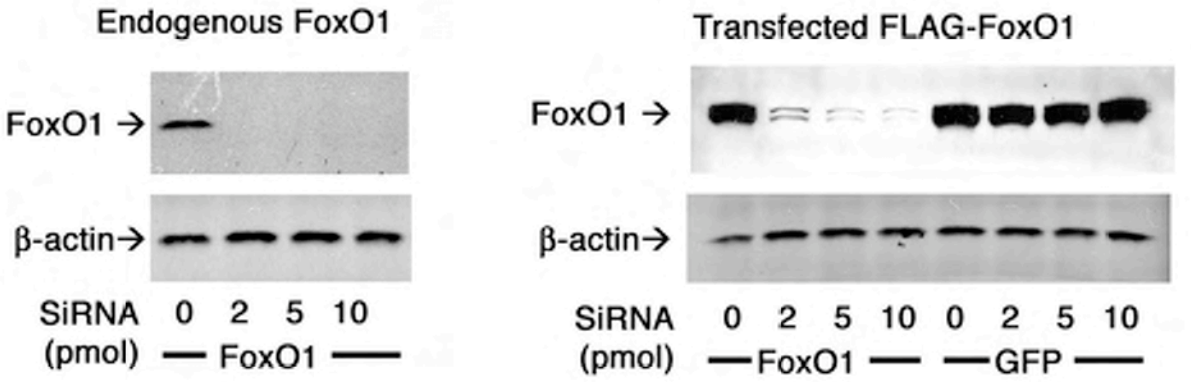
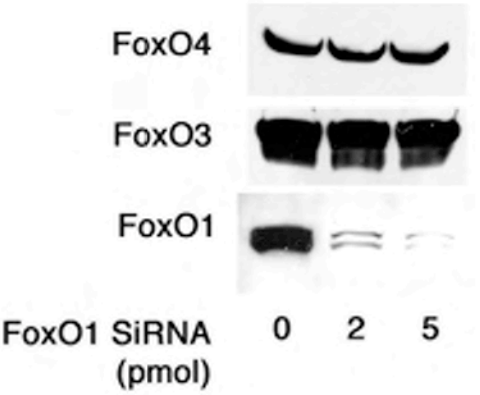



Kitamura, Suppl. Fig. 1




Kitamura, Suppl. Fig. 2

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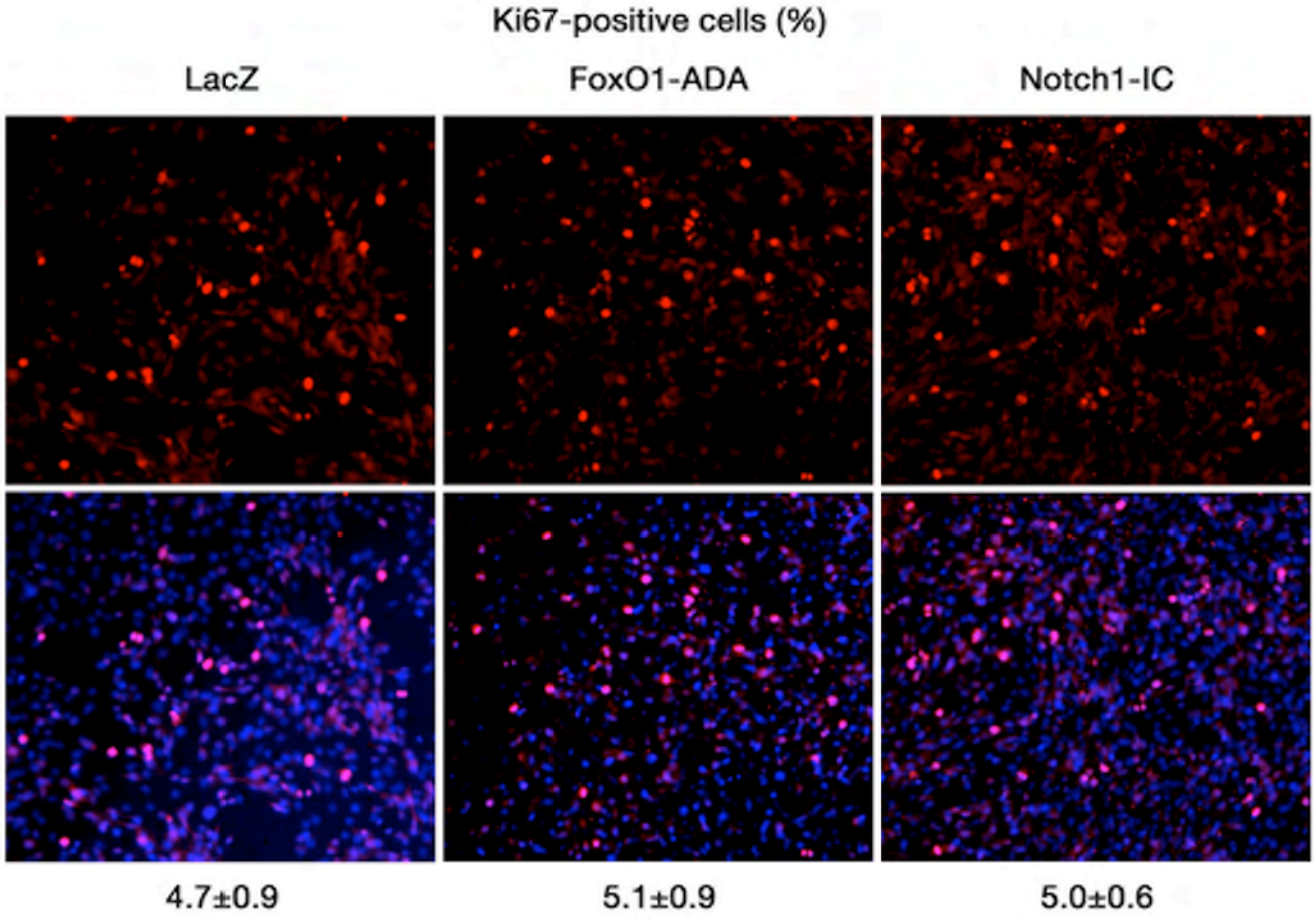
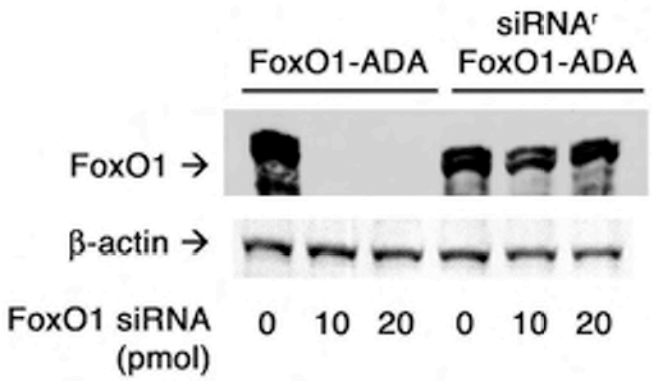
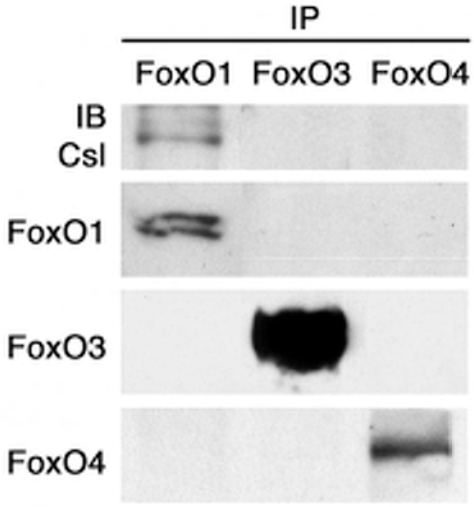



Kitamura, Supplementary Fig. 4




Kitamura, Supplementary Fig. 5

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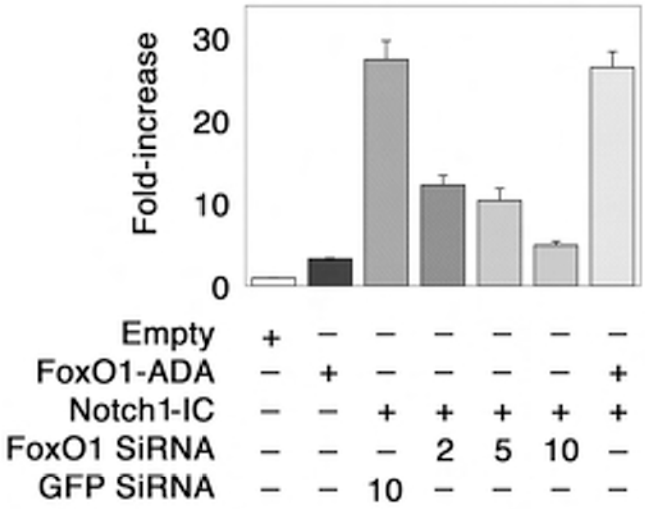


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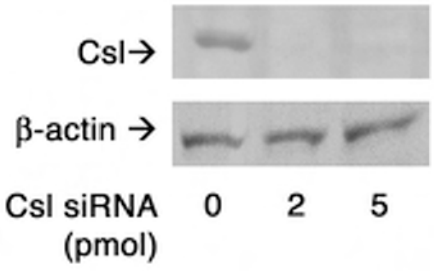


Kitamura, Supplementary Fig. 8

**Supplementary online material**

**Legends to Supplementary Figures**

**Supplementary Figure 1. Efficiency of adenoviral transduction in C2C12 cells**

We transduced cells with HA-Foxo1-ADA or HA-Notch1-IC adenovirus and performed immunohistochemistry with anti-HA antibody (red) and DAPI (blue).

**Supplementary Figure 2. Inhibition of transfected Foxo1 expression**

We tested the ability of Foxo1 siRNA to inhibit expression of endogenous (left panel) and transfected (right panel) Foxo1 following adenoviral transduction.

**Supplementary Figure 3. Specificity of Foxo1 siRNA**

Western blot analysis of Foxo1, Foxo3 and Foxo4 expression in C2C12 cells transfected with Foxo1 siRNA.

**Supplementary Figure 4. Foxo1-ADA and Notch1-IC do not affect cell proliferation**

We transduced C2C12 cells with LacZ, Foxo1-ADA or Notch1-IC adenovirus, performed immunohistochemistry with anti-Ki67 antibody and DAPI and quantitated the Ki67 labeling index as percentage of Ki67-positive cells by counting at least 1,000 cells.

**Supplementary Figure 5. siRNA-resistant Foxo1-ADA**

Western blot of Foxo1-ADA and siRNA-resistant Foxo1-ADA in cells transfected with Foxo1 siRNA.

**Supplementary Figure 6. Specificity of Foxo1-Csl co-immunoprecipitation**

Following co-transfection with Foxo3 or Foxo4 expression vectors, we performed co-immunoprecipitation experiments with Csl.

**Supplementary Figure 7. *Hes1* promoter assays**

We used a synthetic *Hes1* reporter gene containing four tandem repeats of the Csl binding site in promoter assays with Foxo1 and Notch1-IC in C2C12 cells.

**Supplementary Figure 8. Inhibition of Csl expression by siRNA**

We measured Csl levels by western blot following transfection of C2C12 cells with Csl siRNA at different concentrations.