**A**

Alkaline Phosphatase (AP) staining

- **pSuper Scramble**
- **hSET1A KD**

**B**

Relative mRNA level (Normalized to β-actin)

- **Oct4**
- **Nanog**
- **USF1**

**C**

HS/PC Population:

- **pSuper scramble**
- **shSET1A (C210)**
- **shSET1A (C208)**
- **shSET1A (H107)**

**D**

C-Kit/Sca-1 positive Cells (%)

(Normalized to the scramble control)

- **pSuper Scramble**
- **shSET1A**

* denotes statistical significance compared to the scramble control.