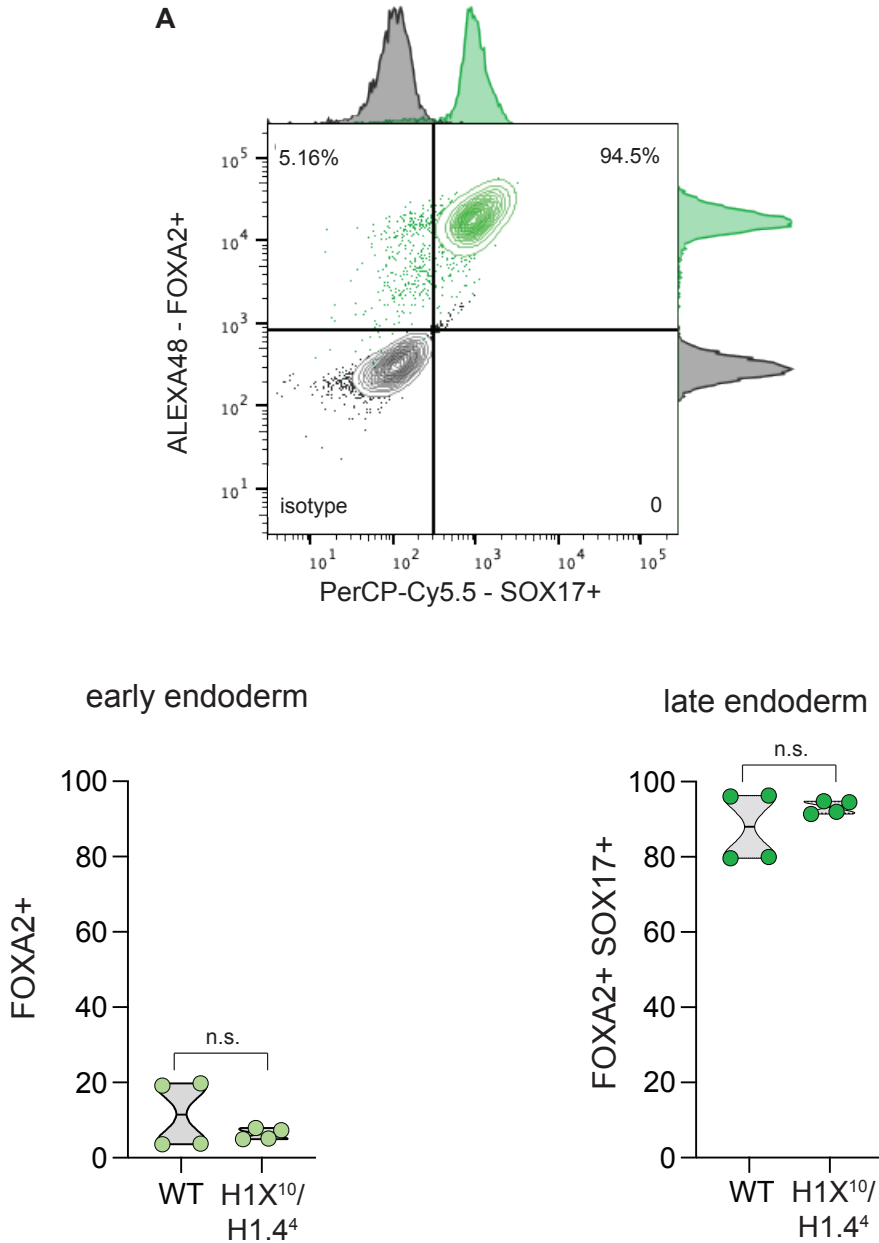


## H1X<sup>10</sup>/H1.4<sup>4</sup> endoderm FACS analysis



### Flow cytometry analysis of direct endodermal differentiation of linker histones H1X/H1.4 hESC double knockout cells (clone 10/4: H1X<sup>10</sup>/H1.4<sup>4</sup>).

(A) Contour plot of the population distribution and percentage of cells positive for FOXA2+ and SOX17+. Isotype staining was performed as control. Result of a representative experiment is shown.

(B) Quantification of cell populations from (A) with FOXA2+ cells representing early endoderm (left) and FOXA2+/SOX17+ cells representing late endoderm (right). Truncated violin plot is shown. n=4 corresponding to two independent biological replicates (independent cell differentiation) and two technical replicates (FACS analysis). Black line denotes the mean; the p-values were determined by two tailed unpaired t-test \* p<0.05, \*\* p<0.01, \*\*\* p<0.001.