



SUPPLEMENTARY FIG. S3. Endoderm marker genes expression profile of wild-type (WT) and HIF-1 α ^{-/-} mESCs differentiating under hypoxia. WT (*gray bars*) and HIF-1 α ^{-/-} (KO; *white bars*) mESCs (generously provided by Dr. Celeste Simone, University of Pennsylvania) were cultured for 6 days in the SP media or 20 ng/mL AA-containing media (AA) under hypoxia (1% O₂), as described in the Materials and Methods section. The relative expression of AA-induced endodermal marker genes was measured using qPCR and is presented as fold of day 0 cultures (mean \pm SEM, $n=5-7$, * $P < 0.05$ WT vs. KO).