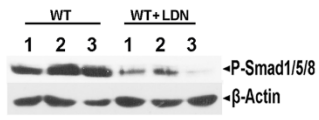
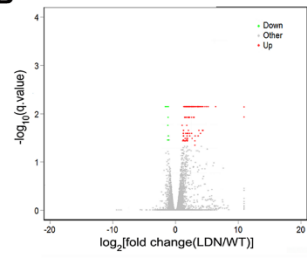
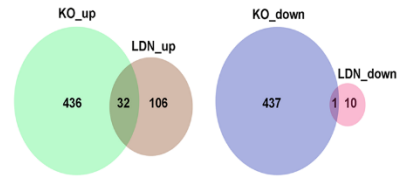
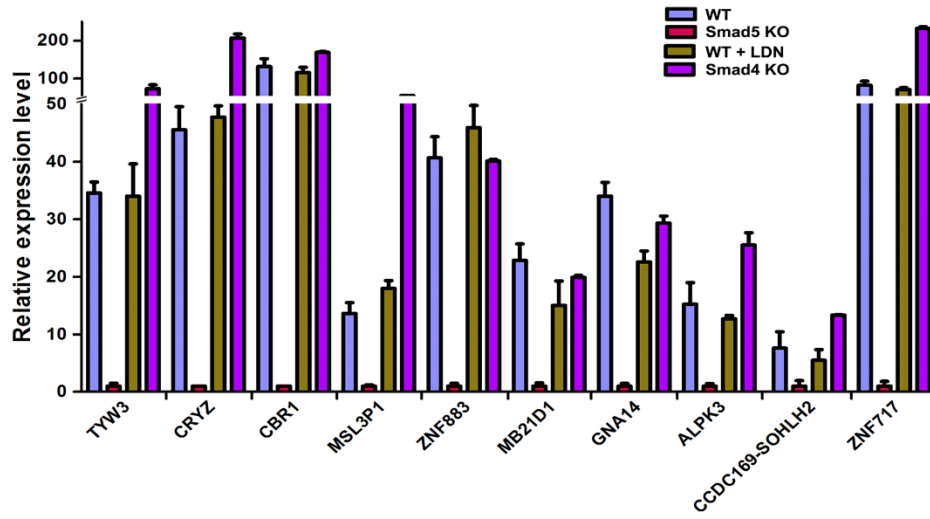


A**B****C****D**

Supplementary information, Figure S8. Transcriptome analysis of WT and LDN treated hESCs. **(A)** Western blotting shows that most BMP-induced Smad1/5/8 SSXS phosphorylation is blocked after 4 days of LDN193189 treatment. **(B)** Transcriptional profiling of LDN193189 treated and untreated hESCs. **(C)** Minimal overlapping between differentially expressed genes in *Smad5* KO and LDN193189 treated hESCs. **(D)** qPCR analysis confirms the gene expression changes in *Smad5* KO hESCs. Each quantification was made from 3 independent images. Data are presented as mean \pm s.e.m.