Supplementary information, Figure S7

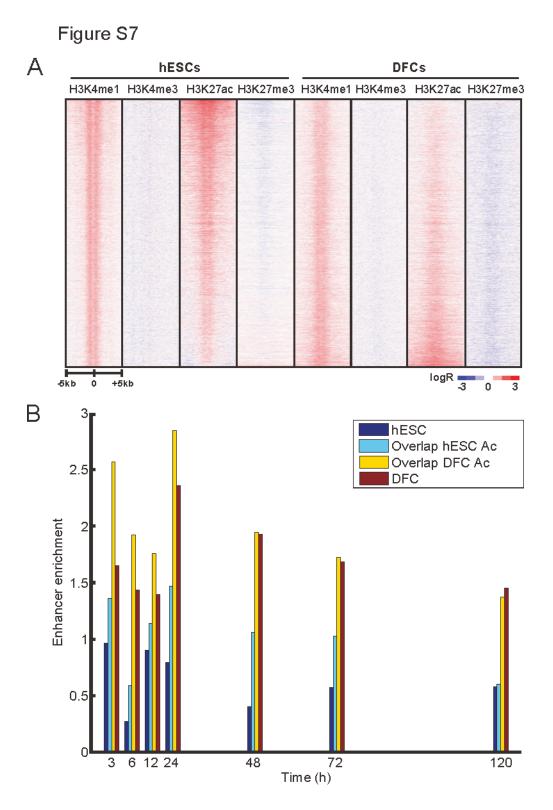


Figure S7, **related to Figure 4** Shared Enhancers May be Poised. **(A)** Clustering of 8863 predicted enhancers that are shared between hES and DF cells. The clustering was ranked on H3K27ac intensity. Each end of the spectrum shows that some

enhancers exhibit cell type-specific acetylation, although mono-methylated in both cell types. **(B)** Assessment of enhancer enrichment during a time course of gene expression during BMP4 treatment. Early response genes are more enriched in shared enhancers acetylated in DFCs (yellow) compared to DFC-specific (red), hESC-specific (dark blue), or shared enhancers with hESC acetylation (light blue).