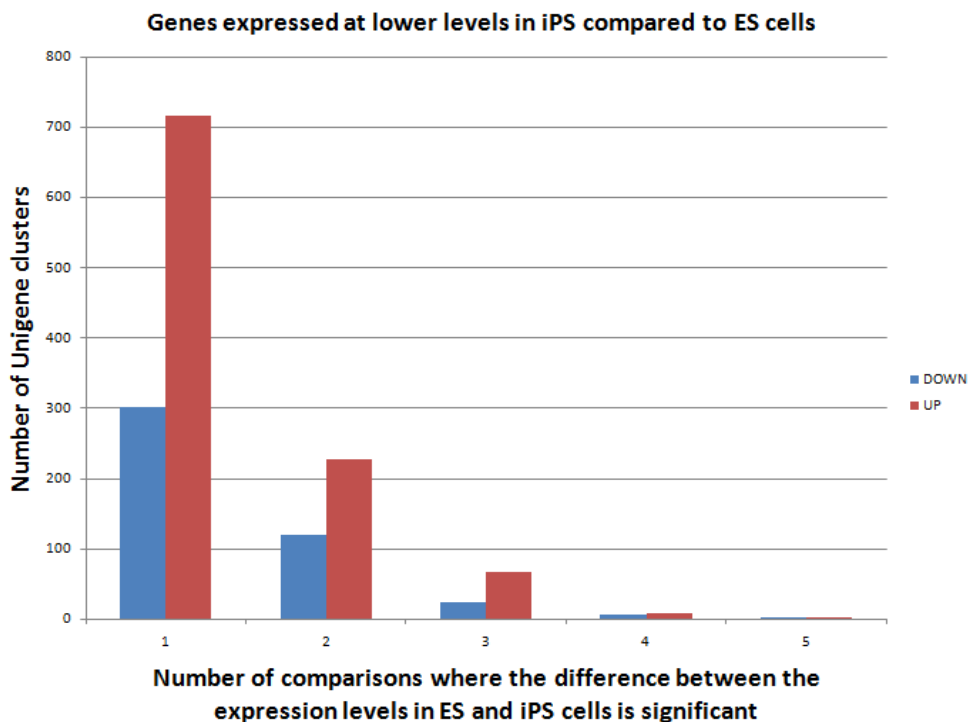
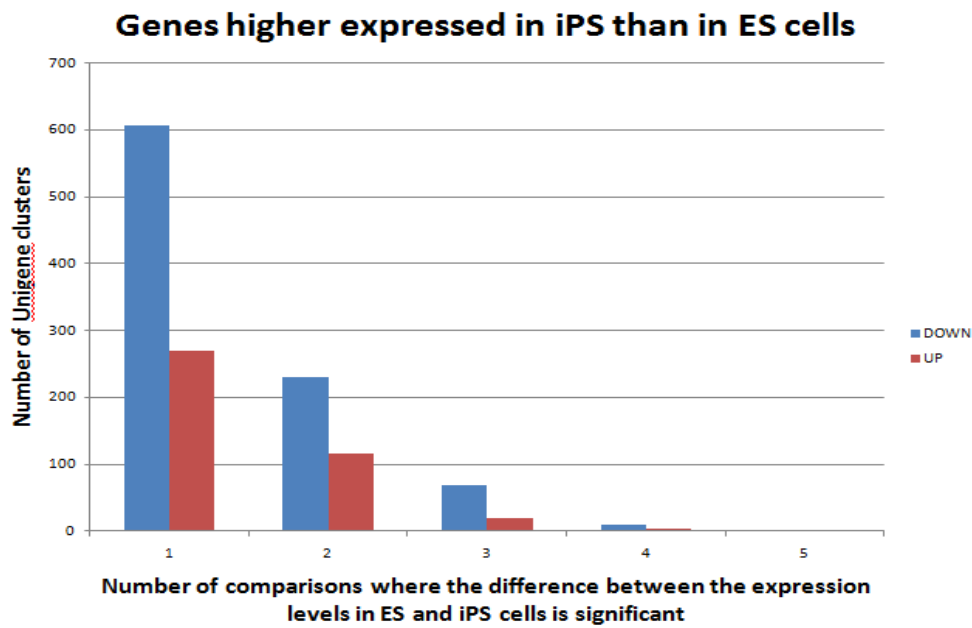


**Figure S9. Overlap of genes showing significantly different levels between iPSCs and ESCs in each dataset for Human and Mouse with the direction of the change.**

The expression change direction between fibroblasts and ES cells for genes which show differences between ES and iPS cells confirms that a majority of genes differently expressed between ES and iPS cells are “ES genes” which are lower expressed in iPS than in ES cells. Blue columns represent genes whose expression level is lower in ES cells than in fibroblasts, while red columns represent genes whose expression level is higher in ES cells than in fibroblasts.

**A- Human**



## B- Mouse

