

Figure S3

MEG3 associated genes vs. PRC2 targets vs. Neural Progenitor Markers

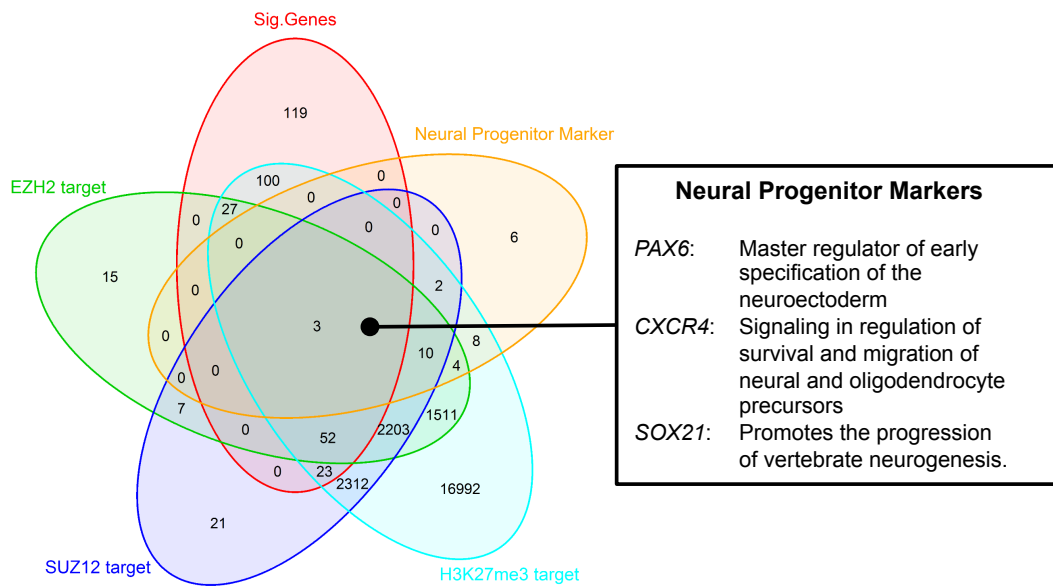


Figure S3. *MEG3* may affect the expression of certain PRC2 target genes, including neural-lineage-related genes.

Significantly differentially expressed genes were identified through significance analysis of microarray (SAM) between *MEG3*-ON and *MEG3*-OFF hESCs (described as Sig. genes in red). *PAX6*, *CXCR4* and *SOX21* genes were identified among the overlapping clusters of the Sig. genes, EZH2 target genes (GSM327665, GSM831028), SUZ12 target genes (GSM831042, GSM935352), H3K27me3 enriched genes (GSM327663) and neural progenitor markers.