

Description of Additional Supplementary Files

Supplementary Data 1

List of 137 DNA methylation sensitive (DMS) germline genes identified Dahlet et al. (2020).

Supplementary Data 2

List of previously published datasets used in this study.

Supplementary Data 3

List of 40 DMS germline genes bound by MGA (RPKM >2) & E2F6 (RPKM >1) and enriched for DNAm (>%30) in ESCs. Related to Figure 1B.

Supplementary Data 4

Lists of germline genes significantly upregulated and top 5 GO terms among the terms associated with genes significantly upregulated in the indicated mutant cells.

Supplementary Data 5

Oligonucleotide sequences used in this study.

Supplementary Data 6

Summary of ChIP-seq and RNA-seq.