

Supplementary file

Table S1. The expression of different genes from multiple signal transduction pathways

Gene List of different genes from multiple Signal transduction pathways

SWI / SNF Complex Components

[ARID1A](#), [INO80](#) (INO1), [PBRM1](#), [SMARCA2](#), [SMARCA4](#).

Polycomb Group Genes

[ASXL1](#), [BMI1](#) (PCGF4), [CTBP1](#), [CTBP2](#), [EED](#), [EZH2](#), [PCGF1](#), [PCGF2](#) (RNF110), [PCGF3](#), [PCGF5](#), [PCGF6](#), [PHC1](#), [PHC2](#), [RING1](#), [RNF2](#), [SUZ12](#), [TRIM27](#).

Chromobox / Heterochromatin Protein 1 (HP1) Homologs

[CBX1](#), [CBX3](#), [CBX4](#), [CBX5](#), [CBX6](#), [CBX7](#), [CBX8](#).

Bromodomain Proteins

[BAZ1A](#), [BAZ1B](#), [BAZ2A](#), [BAZ2B](#), [BPTF](#), [BRD1](#), [BRD2](#), [BRD3](#), [BRD4](#), [BRD7](#), [BRD8](#), [BRDT](#), [BRPF1](#), [BRPF3](#), [BRWD1](#), [WDR11](#) (BRWD2), [BRWD3](#), [ZMYND8](#).

Chromodomain / Helicase / DNA-Binding Domain (CHD) Proteins

[CDYL](#), [CDYL2](#), [CHD1](#), [CHD2](#), [CHD3](#), [CHD4](#), [CHD5](#), [CHD6](#), [CHD7](#), [CHD8](#), [CHD9](#).

Nucleosome-Remodeling & Histone Deacetylase (NuRD) Complex Components

[CHD3](#), [MBD3](#), [MTA1](#), [MTA2](#), [NAB2](#), [SPEN](#).

Plant Homeodomain (PHD) Proteins

[NSD1](#), [PHF1](#), [PHF2](#), [PHF3](#), [PHF5A](#), [PHF6](#), [PHF7](#), [PHF13](#), [PHF21A](#), [PHF21B](#).

Inhibitor of Growth (ING) Family Members

[ING1](#), [ING2](#), [ING3](#), [ING4](#), [ING5](#), [RING1](#).

Methyl-CpG DNA Binding Domain (MDB) Proteins

[MBD1](#), [MBD2](#), [MBD3](#), [MBD4](#), [MECP2](#), [HINFP](#).

CCCTC-Binding Factor (Zinc Finger Protein)

[CTCF](#).

was investigated using PCR array analysis.

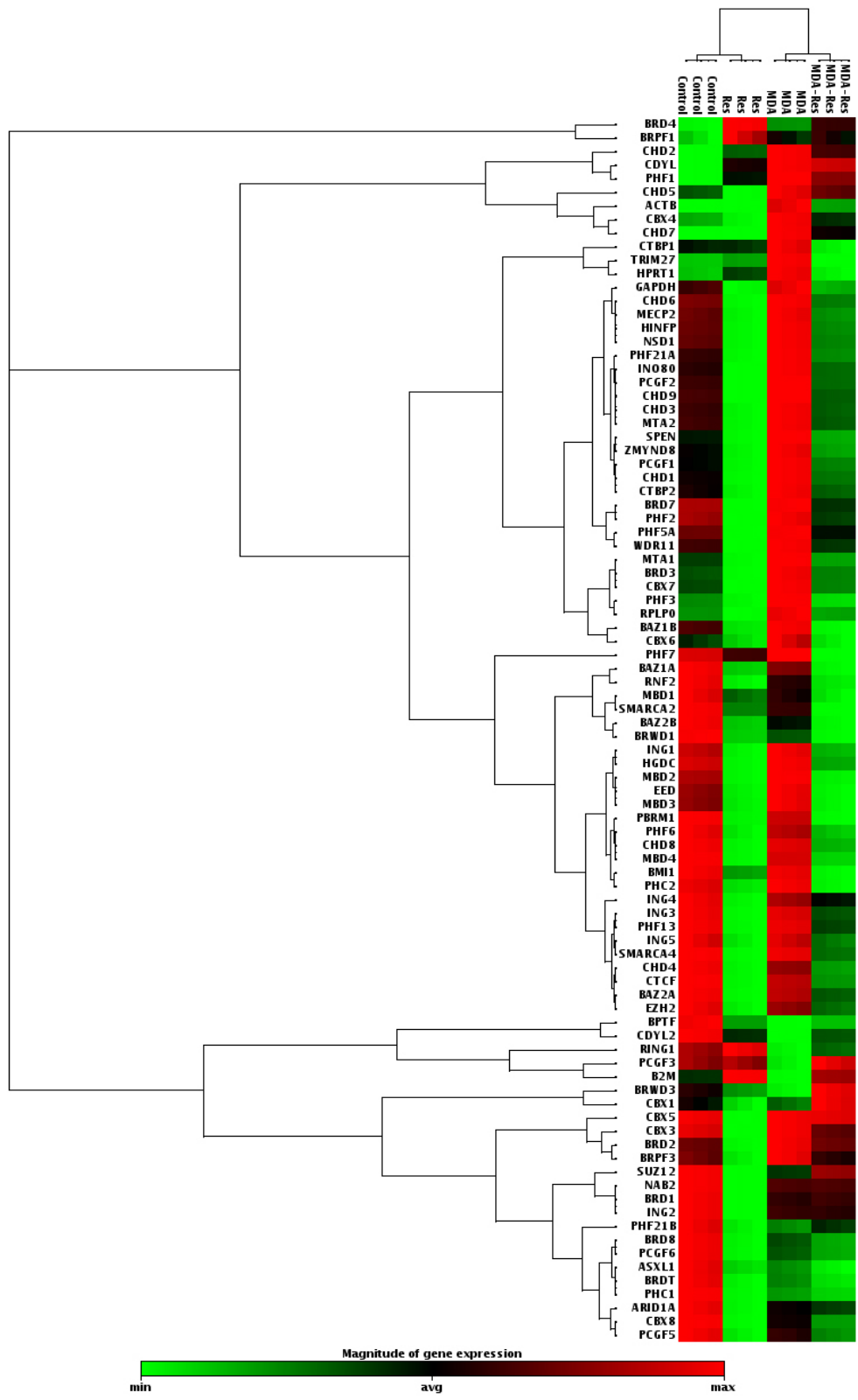


Figure S1. Clustrogram representative of PCR array analysis of chromatin remodeling (n=3)