Figure S1. Graphical representation of gene expression level normalized above control for *MYB* and histone-lysine N-methyltransferase *SUV39H1* gene validation in microarray samples. Each bar represents a patient. The error bars represent technical replicates. S, sample.
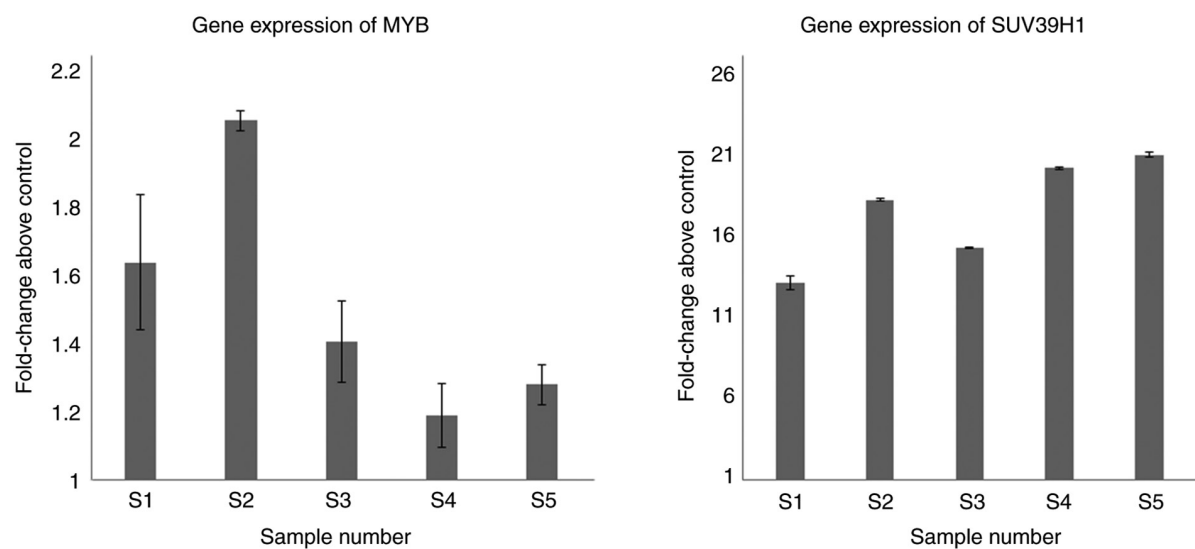
Figure S2. Network analysis of genes downregulated in *JAK2*V617F negative samples. Network of 220 downregulated genes using STRING. Each node represents a protein. JAK2, Janus kinase 2.

Figure S3. Transcription factor checkerboard table generated using StemChecker tool representing each input gene from the upregulated genes in *JAK2*V617F negative samples identified as a target gene. Blue rectangles indicate that a gene is included in the set of potential target genes as determined by the corresponding study. Each TF along with its corresponding study is colour coded next to the gene.