**Additional Figures**

**Additional Figure 1.** Variation in frequency of alternative allele at each of the 11 p9 sites. Alternative allele frequency is cumulative for all 266 individuals.

**Additional Figure 2.** Matrix displaying Spearman Rho correlation of methylation across the 11 p9 analyzed sites.

****

**Additional Figure 3.** Toxicity enrichment based on the top 100 transcripts significantly correlated with methylation at p9 site 585.