

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Results from Spearman Correlation tests between HNs and GTEx tissues. Tests represent two-sided Spearman Rank Correlation.

File Name: Supplementary Data 2

Description: Enriched TF motifs in cRE compared to unannotated OCRs

File Name: Supplementary Data 3

Description: Results for partitioned LD score regression for the indicated genotypes.

File Name: Supplementary Data 4

Description: DAVID annotations of implicated genes for each trait.

File Name: Supplementary Data 5

Description: Gene annotation to each indicated proxy and sentinel SNP.

File Name: Supplementary Data 6

Description: Enriched GO terms of genes implicated by our V2G pipeline mapping specifically in HPs and HNs. P values were adjusted with FDR.

File Name: Supplementary Data 7

Description: Overlap between GWAS traits, 0 = not implicated, 1 = implicated.

File Name: Supplementary Data 8

Description: Annotation of SNPs located in TF binding sites.

File Name: Supplementary Data 9

Description: List of reagents and software used in this study.