Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: List of 179880 significant hESC-CM promoter-genome interactions

with average read counts from three biological replicates.

File Name: Supplementary Data 2

Description: List of cardiac VISTA enhancers (with their bracketing genes) that

intersect with cPIRs (with their target genes).

File Name: Supplementary Data 3

Description: List of connected subnetworks constructed from top 20% of hESCCM

promoter interactions for read counts.

File Name: Supplementary Data 4

Description: List of significant (p < 1x10-5) SNPs from the GWAS of cardiac

conduction and rhythm disorders located within cPIRs and the genes they interact with.