Figure S7: Causal genes are significantly enriched in genes involved in tissuespecific PPIs. Each pie chart describes the fraction of genes with tissue-specific PPI numbers ranging from 0 to 5 and above. Notably, 54% of the hereditary disease genes have at least one tissue-specific PPI, relative to only 42% of all interactome genes  $(p=8.8*10^{-5}, Fisher exact test)$ .

