

**Supplemental Table 1. Categorization of GWAS Traits based on Target Tissue or Disease Mechanism.**

**Supplemental Table 2. Conservation of Human GWAS Candidate Genes in Drosophila.**

**Supplemental Table 3. Expression of Fly Homologs of Susceptibility Gene Candidates from GWAS in Drosophila Tissues.**

**Supplemental Table 4. Analysis of fly homologs of human susceptibility genes from GWAS for lethal loss-of-function phenotypes.**

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