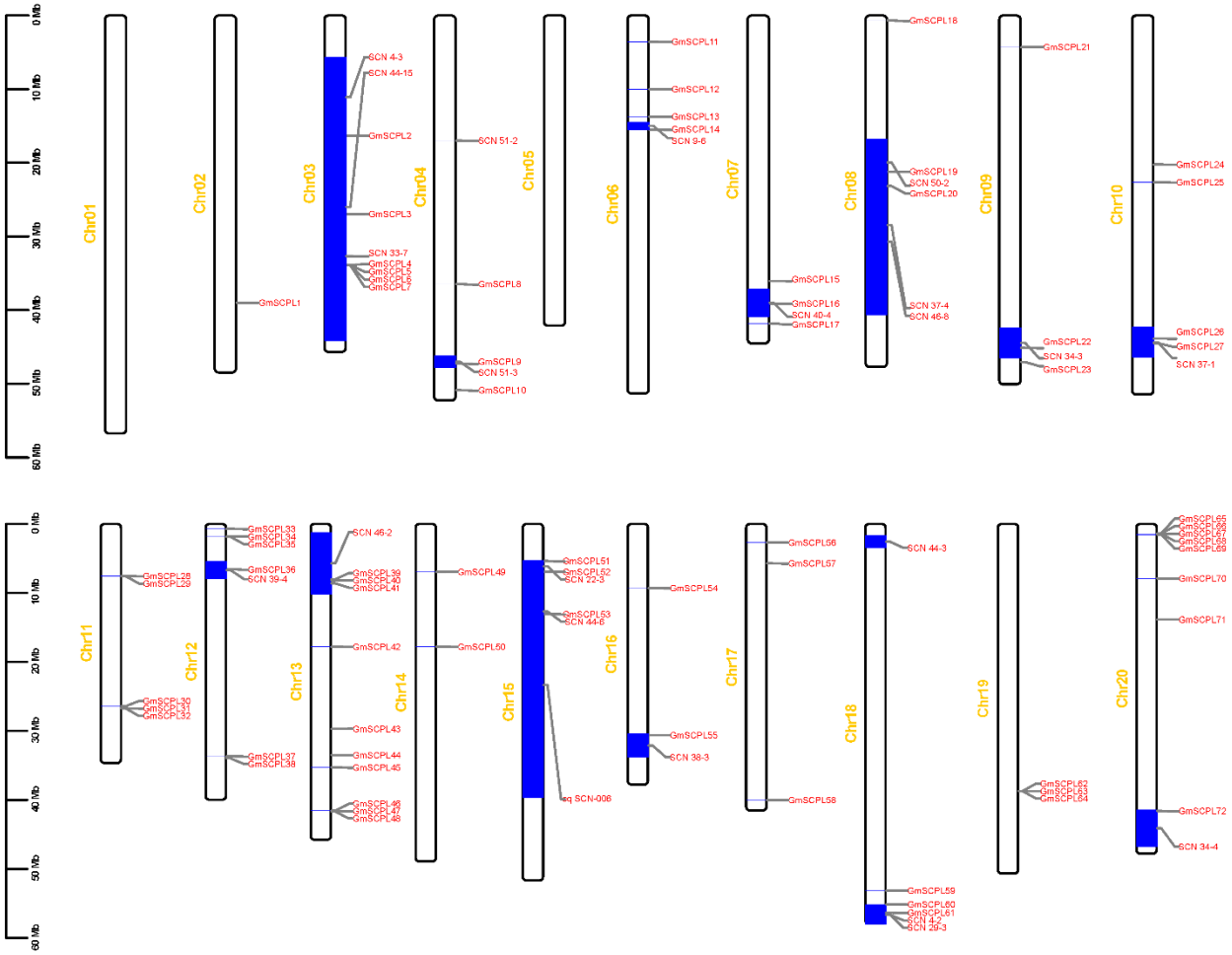

Figure S1. Chromone distribution of identified *GmSCPLs*.

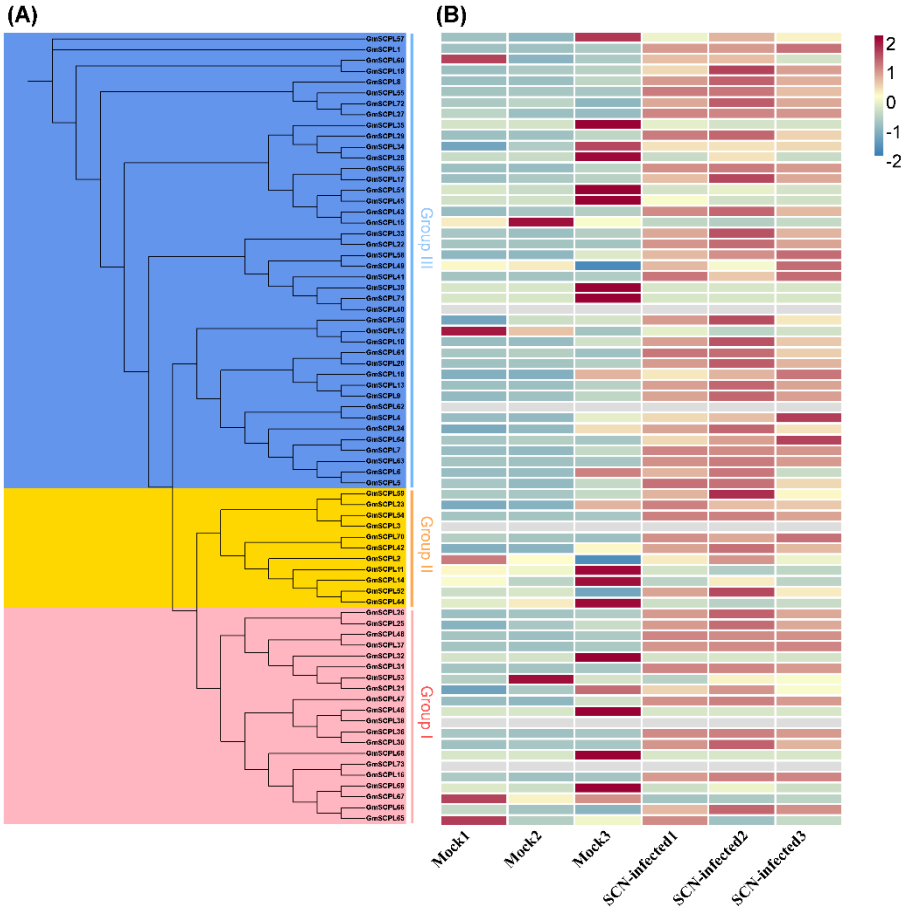

Figure S2. Heatmap analysis indicating the relative expression levels of identified *GmSCPLs* under SCN infections compared to that in mock by RNA-seq. Blue to red color representing low to high expression abundance.

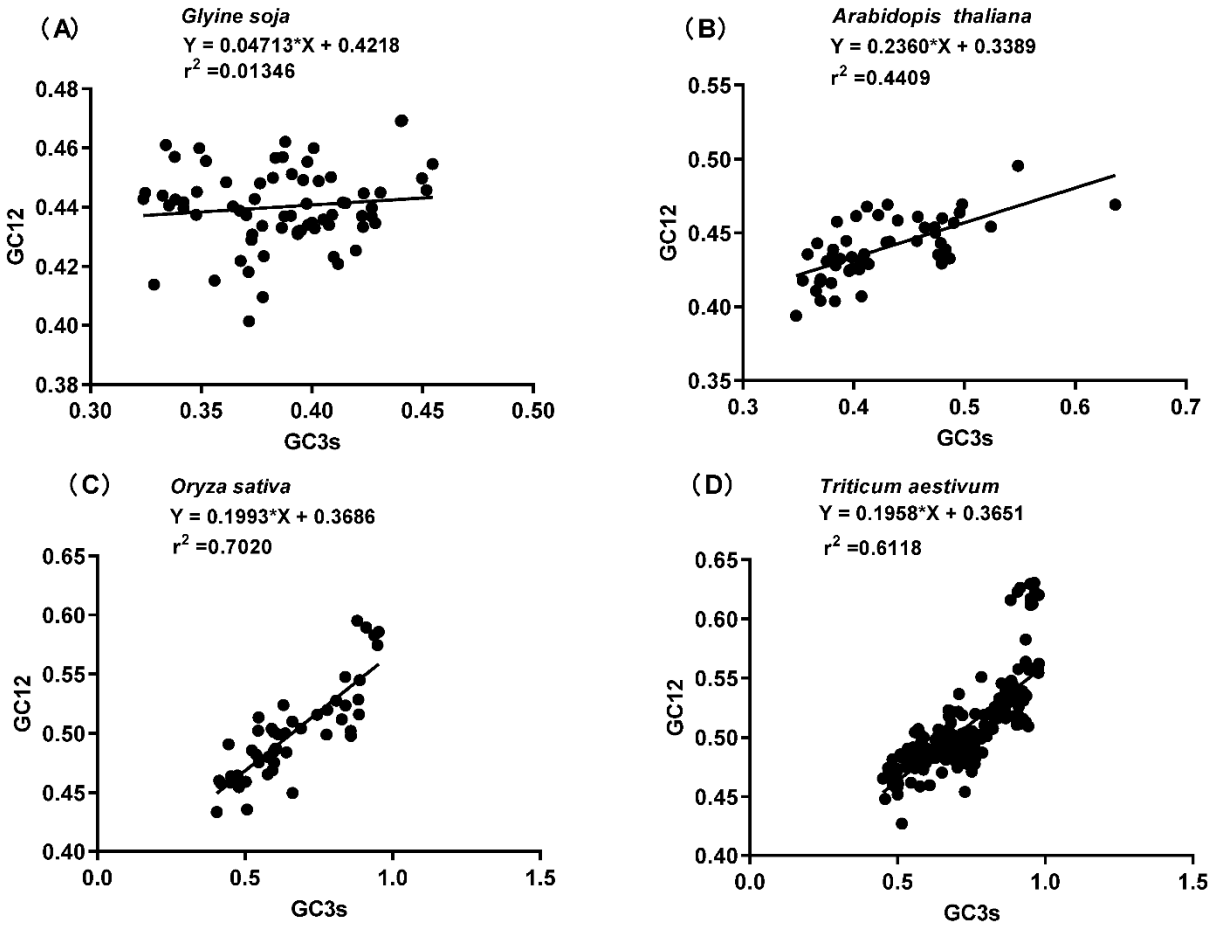

Figure S3. Neutrality plot analysis of identified *SCPL* CDS sequences in *G. soja* (A), *Arabidopsis* (B), *O.sativa* (C) *and T. aestivum* (D).