

File_S4 Global transcriptional analysis suggests *Lasiodiplodia theobromae* pathogenicity factors involved in modulation of grapevine defensive response

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Figure 1. Biological coefficient of variation (BCV) of normalized data obtained using the plotBCV function in edger package version 3.4.2 (Robinson et al., 2010). The square root of common BCV is denoted by the red line. CPM: counts per million.

Figure 2. Two-dimensional scanning plot of normalized data obtained using plotMDS function in edgeR package version 3.4.2 (Robinson et al., 2010) (A) and a three-dimensional scanning plot (B) obtained through plot3d function from the library rgl version 0.93.996 (Adler et al. 2014, <http://CRAN.R-project.org/package=rgl>).

Figure 3. Dispersion of normalized data analyzed through Smear plot (left panel) and Volcano plot (right panel) for contrasting conditions FWS/FW (A), FWS/F (B), FW/F (C) and FS/F (D). Red dots indicate differentially expressed genes. FC: Fold change. FDR: False Discovery Rate. Graphs were obtained with edgeR package version 3.4.2 (Robinson et al., 2010).

Fig 1

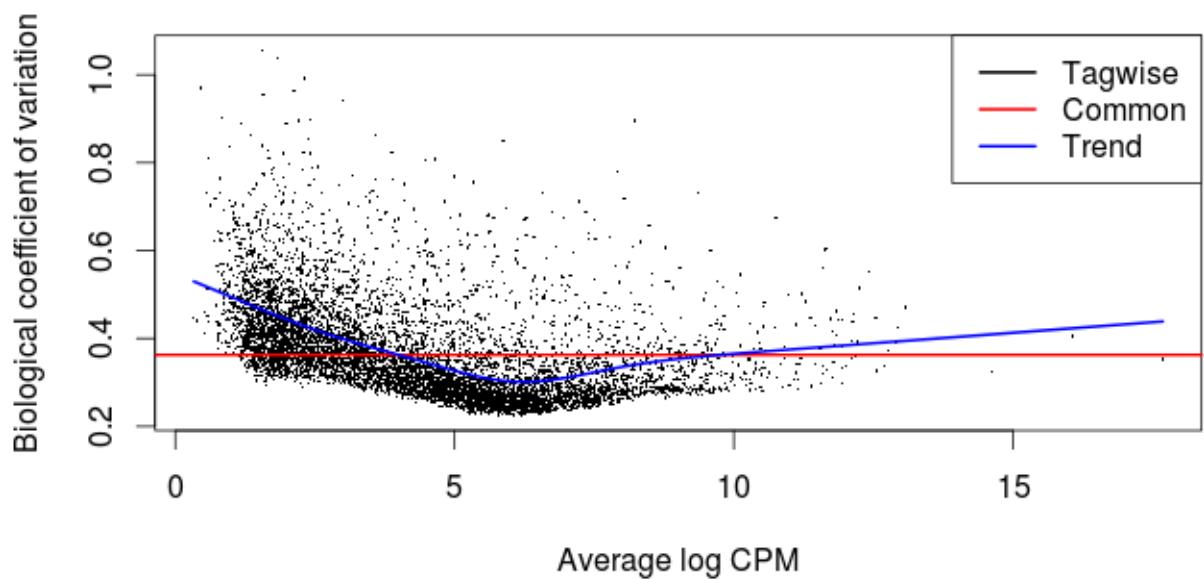


Fig 2

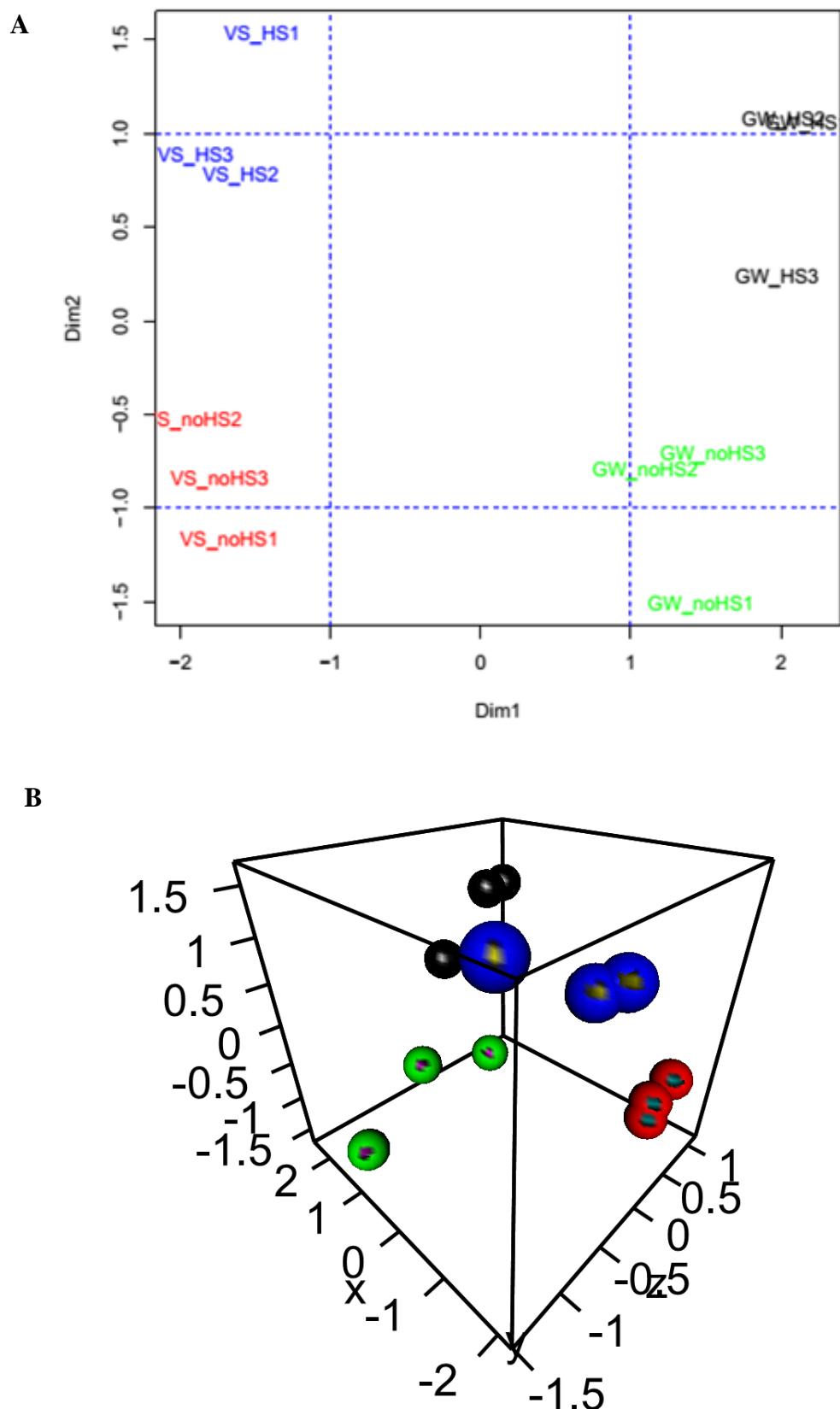
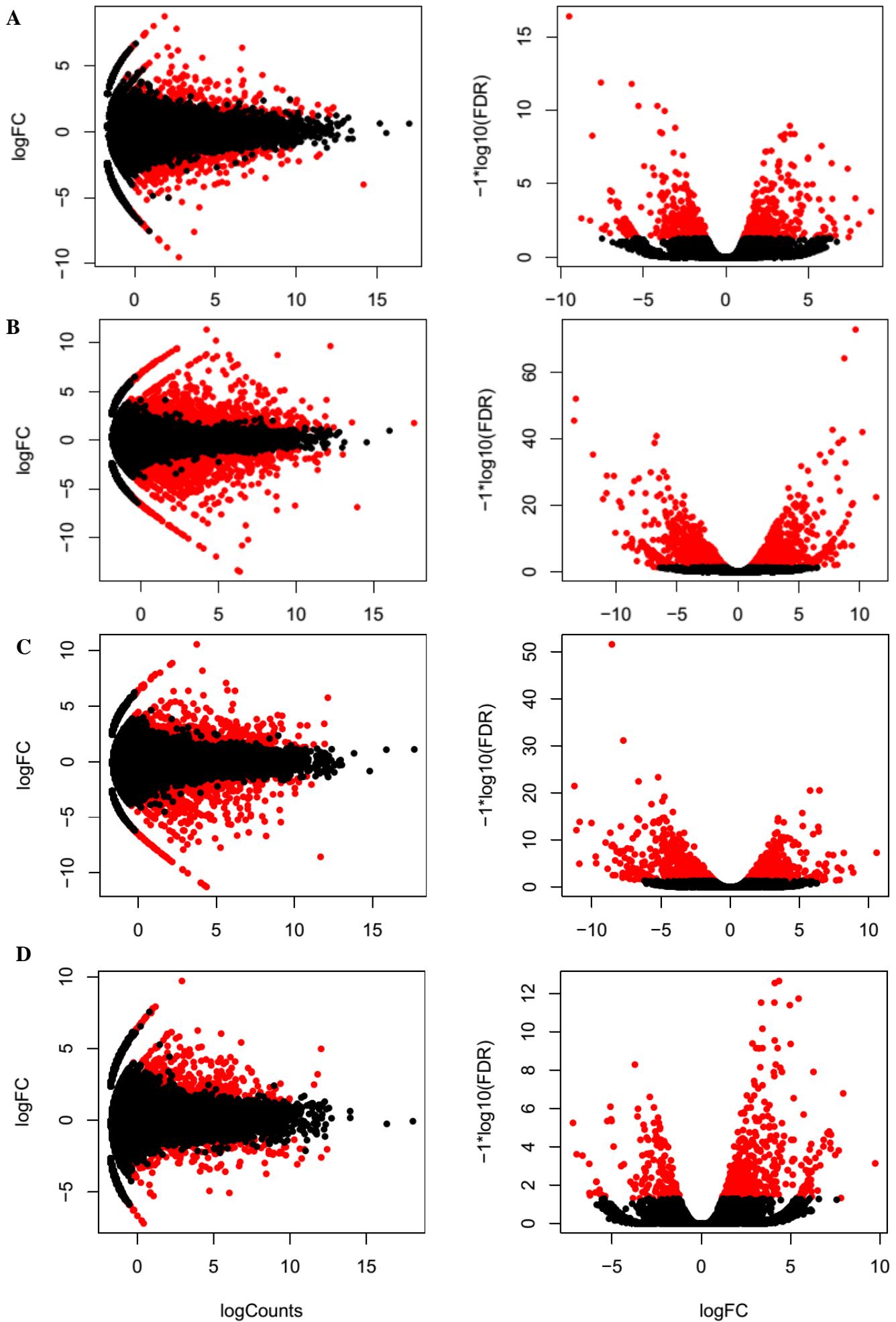


Fig 3

References

- Adler, D., Nenadi, O., & Zucchini, W. (n.d.). RGL : A R-library for 3D visualization with OpenGL The RGL – package, 1–11.
- Robinson, M., McCarthy, D., Chen, Y., & Smyth, G. (2010). edgeR: differential expression analysis of digital gene expression data, (September 2008). Retrieved from <ftp://ftp2.uib.no/pub/bioconductor/2.6/bioc/vignettes/edgeR/inst/doc/edgeR.pdf>