

Suppl Table 4: R packages used for data import and processing

package	version	reference
d3heatmap	0.6.1.2	Cheng, J. & Galili, T. <i>D3heatmap: Interactive heat maps using 'htmlwidgets' and 'd3.js'</i> . (2018).
dendextend	1.9.0	Galili, T. Dendextend: An r package for visualizing, adjusting, and comparing trees of hierarchical clustering. <i>Bioinformatics</i> (2015). doi:10.1093/bioinformatics/btv428
dplyr	0.7.8	Wickham, H., François, R., Henry, L. & Müller, K. <i>Dplyr: A grammar of data manipulation</i> . (2018).
ggplot2	3.1.0	Wickham, H. <i>Ggplot2: Elegant graphics for data analysis</i> . (Springer-Verlag New York, 2016).
htmlwidgets	1.3	Vaidyanathan, R., Xie, Y., Allaire, J., Cheng, J. & Russell, K. <i>Htmlwidgets: HTML widgets for r</i> . (2018).
knitr	1.21	Xie, Y. <i>Knitr: A general-purpose package for dynamic report generation in r</i> . (2018). Xie, Y. <i>Dynamic documents with R and knitr</i> . (Chapman; Hall/CRC, 2015). Xie, Y. in <i>Implementing reproducible computational research</i> (eds. Stodden, V., Leisch, F. & Peng, R. D.) (Chapman; Hall/CRC, 2014).
RColorBrewer	1.1.2	Neuwirth, E. <i>RColorBrewer: ColorBrewer palettes</i> . (2014).
reshape2	1.4.3	Wickham, H. Reshaping data with the reshape package. <i>Journal of Statistical Software</i> 21 , 1–20 (2007).
shiny	1.2.0.9000	Chang, W., Cheng, J., Allaire, J., Xie, Y. & McPherson, J. <i>Shiny: Web application framework for r</i> . (2019).
sicegar	0.2.2	Caglar, M. U. & Wilke, C. O. <i>Sicegar: Analysis of single-cell viral growth curves</i> . (2017).
webshot	0.5.1	Chang, W. <i>Webshot: Take screenshots of web pages</i> . (2018).