

Suppl table 2: Software used

Name of Software or Package	Vendor or public url	Uses
<i>PRISM 7 (v. 7.04)</i>	GraphPad Software Inc. (https://www.graphpad.com/)	Basic statistics (normality test, ANOVA, Kruskal-Wallis, posthoc test for multiple groups)
<i>R (v. 3.4.3)</i>	The R Foundation (https://www.r-project.org/)	Basic Statistical Computing and Data Manipulation
<i>R Studio (v. 1.1.414)</i>	https://www.rstudio.com/	User Interface for R
<i>RankProd (v. 3.4.0)</i>	Bioconductor (DOI: 10.18129/B9.bioc.RankProd)	Differential Gene Expression Analysis for Microarray Datasets. A non-parametric approach. FDR statistics.
<i>VennDiagram (v. 1.6.20)</i>	CRAN – R (https://CRAN.R-project.org/package=VennDiagram)	Generate High-Resolution Venn and Euler Plots
<i>GSEA (v. 3.0)</i>	Broad Institute, Inc. (http://www.gsea-msigdb.org/gsea/index.jsp)	Analyze, annotate and interpret enrichment results
<i>Cytoscape (v. 3.6.1)</i>	The Cytoscape Consortium (http://manual.cytoscape.org/en/3.6.0/)	Visualizing complex networks from GSEA