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## APPENDIX A

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DESeq2	LGPL v3.0	<a href="https://github.com/thelovelab/DESeq2/blob/4497a51ab22e86513ebaec930de3825b45fc89a4/DESCRIPTION#L20">https://github.com/thelovelab/DESeq2/blob/4497a51ab22e86513ebaec930de3825b45fc89a4/DESCRIPTION#L20</a> )
SingleR	GPL v3.0	<a href="https://github.com/dviraran/SingleR/blob/master/LICENSE">https://github.com/dviraran/SingleR/blob/master/LICENSE</a> )
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CellDex	GPL v3.0	<a href="https://github.com/SingleR-inc/celldex/blob/ddf0173debf240f0861b32e3b96fa35bc67d8ecc/DESCRIPTION#L14">https://github.com/SingleR-inc/celldex/blob/ddf0173debf240f0861b32e3b96fa35bc67d8ecc/DESCRIPTION#L14</a> )
ClusterProfiler	Artistic v2.0	<a href="https://github.com/YuLab-SMU/clusterProfiler/blob/335235254697dee30e17ac1be1a2d0dd824f46ca/DESCRIPTION#L51">https://github.com/YuLab-SMU/clusterProfiler/blob/335235254697dee30e17ac1be1a2d0dd824f46ca/DESCRIPTION#L51</a> )
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ComplexHeatmap	MIT	<a href="https://github.com/jokergoo/ComplexHeatmap/blob/master/DESCRIPTION">https://github.com/jokergoo/ComplexHeatmap/blob/master/DESCRIPTION</a> )
ComplexInteractiveHeatmap	MIT	<a href="https://github.com/jokergoo/InteractiveComplexHeatmap/?tab=License-1-ov-file#readme">https://github.com/jokergoo/InteractiveComplexHeatmap/?tab=License-1-ov-file#readme</a> )
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DNAcopy	GPL v2.0	<a href="https://bioconductor.org/packages/release/bioc/html/DNAcopy.html#:~:text=earlier%20(%3E%2019.5%20years)-,License,-GPL%20(%3E%3D%202)">https://bioconductor.org/packages/release/bioc/html/DNAcopy.html#:~:text=earlier%20(%3E%2019.5%20years)-,License,-GPL%20(%3E%3D%202)</a> )
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ggpubr	GPL v2.0   GPL v3.0	<a href="https://cran.r-project.org/web/packages/ggpubr/index.html">https://cran.r-project.org/web/packages/ggpubr/index.html</a> )
ggrepel	GPL v3.0	<a href="https://cran.r-project.org/web/packages/ggrepel/index.html">https://cran.r-project.org/web/packages/ggrepel/index.html</a> )
glmGamPoi	GPL v3.0	<a href="https://github.com/const-ae/glmGamPoi/blob/devel/DESCRIPTION#L14">https://github.com/const-ae/glmGamPoi/blob/devel/DESCRIPTION#L14</a> )
ineq	GPL v2.0   GPL v3.0	<a href="https://cran.r-project.org/web/packages/ineq/index.html">https://cran.r-project.org/web/packages/ineq/index.html</a> )
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Magick	MIT	<a href="https://cran.r-project.org/web/packages/magick/index.html">https://cran.r-project.org/web/packages/magick/index.html</a> )
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MAST	GPL v2.0	<a href="https://www.bioconductor.org/packages/release/bioc/html/MAST.html#:~:text=3.3)%20(8%20years)-,License,-GPL(%3E%3D%202)">https://www.bioconductor.org/packages/release/bioc/html/MAST.html#:~:text=3.3)%20(8%20years)-,License,-GPL(%3E%3D%202)</a> )
Matrix	GPL v2.0   GPL v3.0	<a href="https://cran.r-project.org/web/packages/Matrix/index.html">https://cran.r-project.org/web/packages/Matrix/index.html</a> )
MatrixGenerics	Artistic v2.0	<a href="https://github.com/Bioconductor/MatrixGenerics/blob/devel/DESCRIPTION#L14">https://github.com/Bioconductor/MatrixGenerics/blob/devel/DESCRIPTION#L14</a> )

org.Hs.eg.db	Artistic v2.0	<a href="https://bioconductor.org/packages/release/data/annotation/html/org.Hs.eg.db.html#:~:text=3.20.0-,License,-Artistic%2D2.0">https://bioconductor.org/packages/release/data/annotation/html/org.Hs.eg.db.html#:~:text=3.20.0-,License,-Artistic%2D2.0</a>
org.Mm.eg.db	Artistic v2.0	<a href="https://bioconductor.org/packages/release/data/annotation/html/org.Mm.eg.db.html#:~:text=3.20.0-,License,-Artistic%2D2.0">https://bioconductor.org/packages/release/data/annotation/html/org.Mm.eg.db.html#:~:text=3.20.0-,License,-Artistic%2D2.0</a>
pheatmap	GPL v2.0	<a href="https://cran.r-project.org/web/packages/pheatmap/index.html">https://cran.r-project.org/web/packages/pheatmap/index.html</a>
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presto	GPL v3.0	<a href="https://github.com/immunogenomics/presto/blob/master/DESCRIPTION#L19">https://github.com/immunogenomics/presto/blob/master/DESCRIPTION#L19</a>
R.utils	LGPL v2.0   LGPL v3.0	<a href="https://cran.r-project.org/web/packages/R.utils/index.html">https://cran.r-project.org/web/packages/R.utils/index.html</a>
RColorBrewer	Apache v2.0	<a href="https://cran.r-project.org/web/packages/RColorBrewer/index.html">https://cran.r-project.org/web/packages/RColorBrewer/index.html</a>
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SummarizedExperiment	Artistic v2.0	<a href="https://www.bioconductor.org/packages/release/bioc/html/SummarizedExperiment.html">https://www.bioconductor.org/packages/release/bioc/html/SummarizedExperiment.html</a>
sva-devel	Artistic v2.0	<a href="https://github.com/zhangyuging/sva-devel/blob/0a5550c6ff39ac61aa12306774b7d04eedf69ee3/DESCRIPTION#L49">https://github.com/zhangyuging/sva-devel/blob/0a5550c6ff39ac61aa12306774b7d04eedf69ee3/DESCRIPTION#L49</a>
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