Enclosed in this file is the full supplementary appendix for

Chevrette et al. "Microbiome composition modulates secondary metabolism in a multispecies bacterial community." *Proceedings of the National Academy of Sciences*. 2022.

In compliance with *PNAS* publishing requirements, all supplemental figures and tables are included in this file. If readers would prefer individual, original figures and/or more easily human- and computer-readable table formats, you can find all materials related to this manuscript, at https://github.com/chevrm/thor_secmet/. Corresponding file names and locations can be found below.

This file includes:

Supplemental figures

Fig S1: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/fs1_wt_max_cpm.pdf

Fig S2: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/fs2_wt_transcriptomics.pdf

Fig S3: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/fs3_lcms_presence_cutoffs.pdf

Fig S4: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/fs4_wt_lcms_pca.pdf

Fig S5: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/fs5_lcms_correlation.pdf

Fig S6: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/fs6_mut_max_cpm.pdf

Supplemental table map

Table map: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/supplimental_table_map.pdf

Supplemental tables

Table S1: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts1_detailed_bgc_annotations.xlsx

Table S2: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts2_select_bgc_gene_annotations.xlsx

Table S3: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts3_wt_cpm.tsv

Table S4: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts4_wt_BGC_expression_changes.tsv

Table S5: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts5_lcms_abundance_matrix.tsv

Table S6: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts6_lcms_annotations.tsv

Table S7: https://github.com/chevrm/thor_secmet/blob/main/figures/sup/ts7_mut_cpm.tsv