

Data from Annual Reviews of the New York Academy of Sciences special issue on  
***Functional Metabolites of the Microbiome***

**Spatial metabolic and phenotypic characterisation of the germ-free mouse model**

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Mass Spectrometry Imaging (MSI) and Imaging Mass Cytometry (IMC) files are in the labelled folders along with a layout showing what tissues are present on each slide.

**Key to slide layout:**

Germ free (GF) and specific pathogen free (SPF) samples are those marked with a “GF” or “SPF” symbol along with a letter or a number to denote different animals.

Other abbreviations on the slide (i.e. 0%, 3%, SPF, CIA, CFA and naïve) refer to samples from other studies which were analysed simultaneously. These samples are not from this study and data related to these samples is not included in this publication but is published elsewhere <https://doi.org/10.1096/fj.202402780R>.