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**Supplementary information**

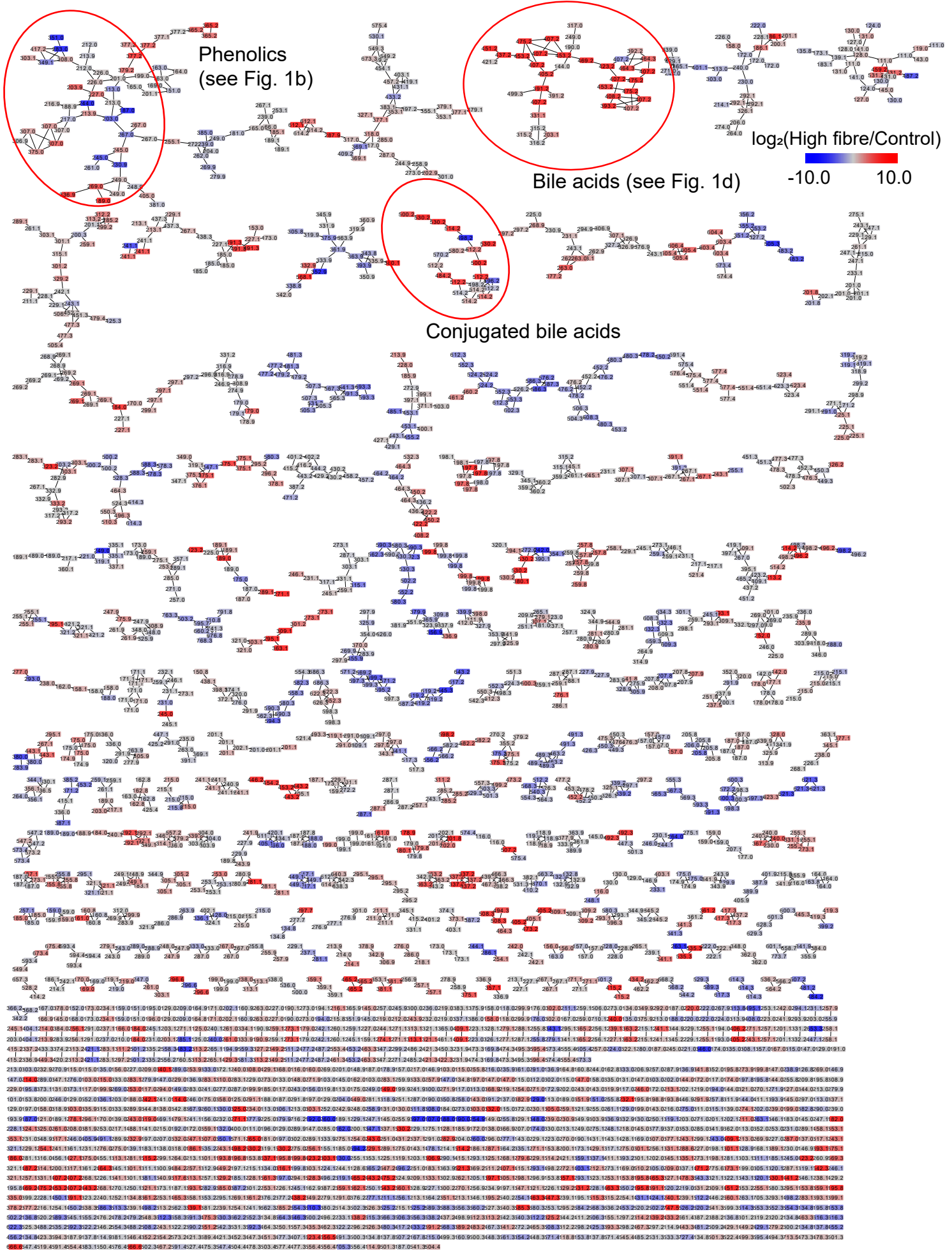
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**Inulin fibre promotes microbiota-derived bile acids and type 2 inflammation**

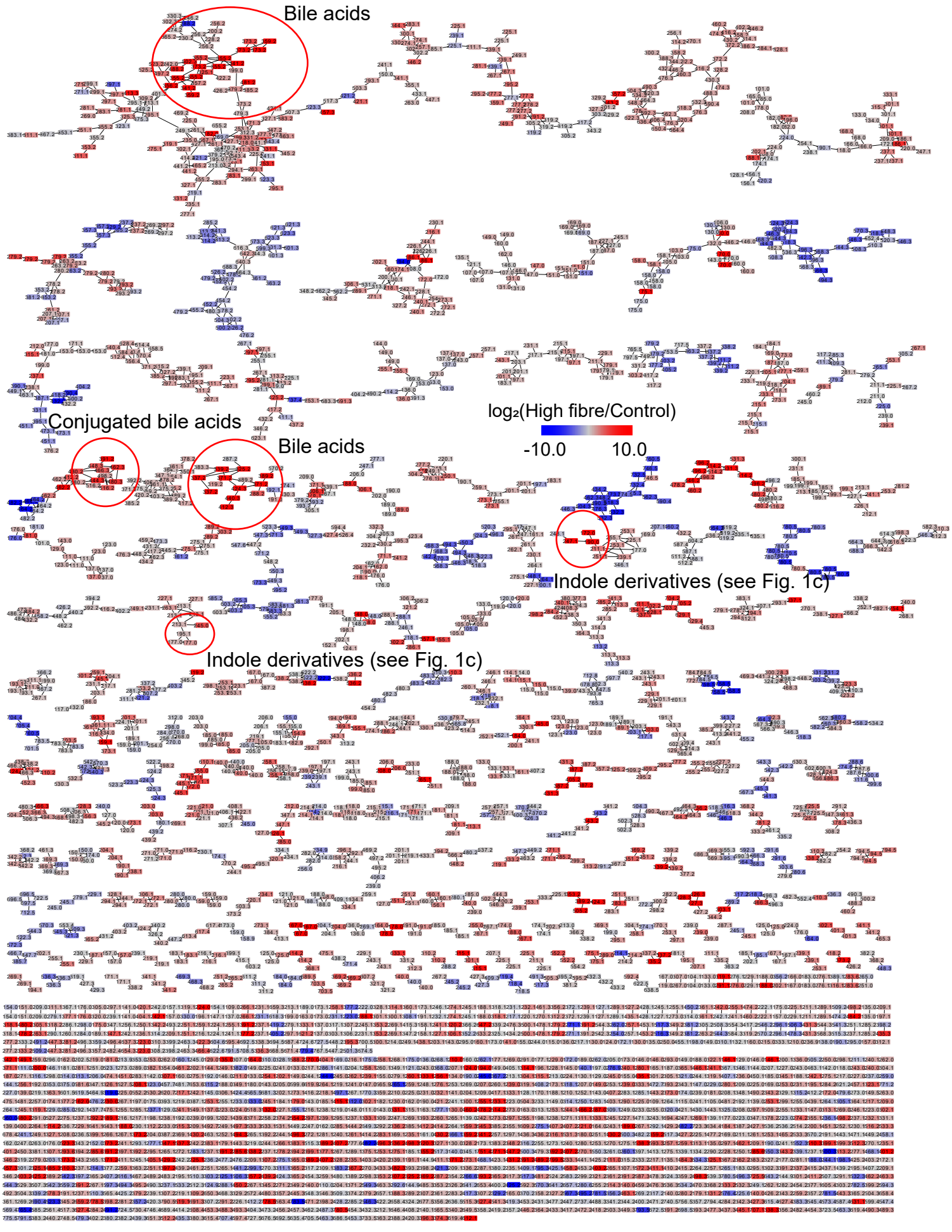
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In the format provided by the authors and unedited

# Supplementary Figure 1: Overview of the MS2 network obtained in negative ion mode



# Supplementary Figure 2: Overview of the MS2 network obtained in positive ion mode



**Supplementary Table 1: Clinical metadata for human donors**

Sample ID	Age	Gender	Health	Sample
FMT1	30	Male	Healthy	Stool
FMT2	51	Female	Healthy	Stool
FMT3	50	Female	Healthy	Stool
FMT4	27	Female	Healthy	Stool

**Supplementary Table 2: Primers for BO\_02350 (cbh2) deletion used in the assembly with pExchange**

Primer name	Sequence
pEx_Gib_F	GGATCCACTAGTTCTAGAGC
pEx_Gib_R	CCCGGGCTGCAGGAATTCG
BO_02350-F1	CGAATTCCTGCAGCCCGGG CGTGTGAACAAACAGGCTATC
BO_02350-R2	GATACAGGAGCAGCCGGTTG
BO_02350-F3	CAACCGGCTGCTCCTGTATC CATACGGCAGCAATCCCTAG
BO_02350-R4	GCTCTAGAACTAGTGGATCC TACAATCCGGTCACCAAACG
BO_02350-Diag-F	CGCTCCCGTTGTCTTGTCTG
BO_02350-Diag-R	GAAGTTGCTCGATGCCAACC