

Table S3. Origin of differential metabolites.

HMDBID	KEGGID	Name	Origin
HMDB0000631	C05464	Deoxyglycocholate	Microbiota; Food related
HMDB0000205	C00166	Phenylpyruvicacid	Host; Microbiota; Food related; Drug related
HMDB0000055	C06422	Cellobiose	Microbiota; Food related
HMDB0000896	C05463	Taurodeoxycholicacid	Microbiota; Food related
HMDB0002586	NA	Chenodeoxycholicacid3-sulfate	Microbiota; Food related
HMDB0000700	C01013	Hydroxypropionicacid	Host; Microbiota; Food related; Drug related
HMDB0002409	NA	Glycoursodeoxycholicacid 3-sulfate	Microbiota; Food related
HMDB0003152	NA	N-Methylnicotinamide	Microbiota; Food related; Drug related
HMDB0000197	C00954	Indoleaceticacid	Host; Microbiota; Food related; Drug related; Environment
HMDB0001199	C03415	N2-Succinyl-L-ornithine	Microbiota; Food related; Drug related
HMDB0003459	C00993	D-Alanyl-D-alanine	Microbiota; Food related
HMDB0001370	C00666	Diaminopimelicacid	Microbiota; Food related; Drug related
HMDB0000719	C00263	L-Homoserine	Microbiota; Food related; Drug related
HMDB0004158	C05791	Urobilinogen	Host; Microbiota; Food related
HMDB0000138	C01921	Glycocholicacid	Host; Microbiota; Food related; Drug related
HMDB0003339	C00217	D-glutamicacid	Host; Microbiota; Food related; Drug related
HMDB0001310	C00133	D-Alanine	Microbiota; Food related; Drug related