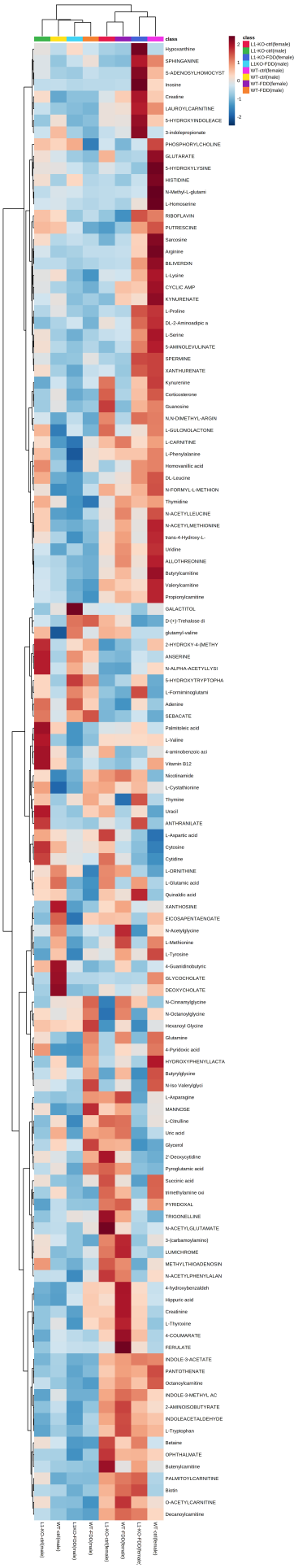
class
L1-KO-ctrl(female)
L1-KO-ctrl(male)
L1-KO-FDD(female)
L1KO-FDD(male)
WT-ctrl(female)
WT-ctrl(male)
WT-FDD(female)
WT-FDD(male)
2
1
0
-1
-2
Hypoxanthine
SPHINGANINE
S-ADENOSYLHOMOCYST
Inosine
Creatine
LAUROYLCARNITINE
5-HYDROXYINDOLEACE
3-indolepropionate
PHOSPHORYLCHOLINE
GLUTARATE
5-HYDROXYLYSINE
HISTIDINE
N-Methyl-L-glutami
L-Homoserine
RIBOFLAVIN
PUTRESCINE
Sarcosine
Arginine
BILIVERDIN
L-Lysine
CYCLIC AMP
KYNURENATE
L-Proline
DL-2-Aminoadipic a
L-Serine
5-AMINOLEVULINATE
SPERMINE
XANTHURENATE
Kynurenine
Corticosterone
Guanosine
N,N-DIMETHYL-ARGIN
L-GULONOLACTONE
L-CARNITINE
L-Phenylalanine
Homovanillic acid
DL-Leucine
N-FORMYL-L-METHION
Thymidine
N-ACETYLLEUCINE
N-ACETYLMETHIONINE
trans-4-Hydroxy-L-
Uridine
ALLOTHREONINE
Butyrylcarnitine
Valerylcarnitine
Propionylcarnitine
GALACTITOL
D-(+)-Trehalose di
glutamyl-valine
2-HYDROXY-4-(METHY
ANSERINE
N-ALPHA-ACETYLLYSI
5-HYDROXYTRYPTOPHA
L-Formiminoglutami
Adenine
SEBACATE
Palmitoleic acid
L-Valine
4-aminobenzoic aci
Vitamin B12
Nicotinamide
L-Cystathionine
Thymine
Uracil
ANTHRANILATE
L-Aspartic acid
Cytosine
Cytidine
L-ORNITHINE
L-Glutamic acid
Quinaldic acid
XANTHOSINE
EICOSAPENTAENOATE
N-Acetylglycine
L-Methionine
L-Tyrosine
4-Guanidinobutyric
GLYCOCHOLATE
DEOXYCHOLATE
N-Cinnamylglycine
N-Octanoylglycine
Hexanoyl Glycine
Glutamine
4-Pyridoxic acid
HYDROXYPHENYLLACTA
Butyrylglycine
N-Iso Valerylglyci
L-Asparagine
MANNOSE
L-Citrulline
Uric acid
Glycerol
2'-Deoxycytidine
Pyroglutamic acid
Succinic acid
trimethylamine oxi
PYRIDOXAL
TRIGONELLINE
N-ACETYLGLUTAMATE
3-(carbamoylamino)
LUMICHROME
METHYLTHIOADENOSIN
N-ACETYLPHENYLALAN
4-hydroxybenzaldeh
Hippuric acid
Creatinine
L-Thyroxine
4-COUMARATE
FERULATE
INDOLE-3-ACETATE
PANTOTHENATE
Octanoylcarnitine
INDOLE-3-METHYL AC
2-AMINOISOBUTYRATE
INDOLEACETALDEHYDE
L-Tryptophan
Betaine
OPHTHALMATE
Butenylcarnitine
PALMITOYLCARNITINE
Biotin
O-ACETYLCARNITINE
Decanoylcarnitine
L1-KO-ctrl(male)
WT-ctrl(male)
L1KO-FDD(male)
WT-FDD(male)
L1-KO-ctrl(female)
WT-FDD(female)
L1-KO-FDD(female)
WT-ctrl(female)