

Cluster name	Cluster size	p-values	FDR	Key compound	Altered metabolites	Increased	Decreased	Increased ratio	Altered Ratio
Unsaturated_phosphatidylcholines	33	2.2E-20	5.3E-19	PC..34.3.	14	0	14	0	0.4
Saturated_phosphatidylcholines	4	0.00016	0.002	PC..30.0.	2	0	2	0	0.5
amino acids	10	1	1	citrulline	0	0	0	#NUM!	0
amino acids, aromatic	3	1	1	tryptophan	0	0	0	#NUM!	0
amino acids, branched-chain	3	1	1	leucine	0	0	0	#NUM!	0
biogenic polyamines	3	1	1	putrescine	0	0	0	#NUM!	0
butyrates	3	1	1	X4.hydroxybutyric.acid	0	0	0	#NUM!	0
cholestenes	5	1	1	beta.sitosterol	0	0	0	#NUM!	0
dicarboxylic acids	4	1	1	fumaric.acid	1	0	1	0	0.2
disaccharides	6	1	1	lactulose	0	0	0	#NUM!	0
fatty alcohols	4	1	1	diacetone.alcohol.NIST	0	0	0	#NUM!	0
glycerides	4	1	1	TG..54.5..A	0	0	0	#NUM!	0
hexoses	5	1	1	galactose	1	0	1	0	0.2
NewCluster_5	6	1	1	PE..p.38.5..or.PE..o.38.6..1	0	0	0	#NUM!	0
phosphatidylethanolamines	9	1	1	PE..36.4.	1	0	1	0	0.1
plasmalogens	6	1	1	PE..p.36.4..or.PE..o.36.5.	0	0	0	#NUM!	0
purine nucleosides	3	1	1	guanosine	0	0	0	#NUM!	0
Saturated FA	15	1	1	cerotinic.acid	0	0	0	#NUM!	0
Saturated_lysophosphatidylcholines	3	1	1	LPC..15.0.	0	0	0	#NUM!	0
sphingomyelins	3	1	1	SM..d36.3.	0	0	0	#NUM!	0
sugar acids	4	1	1	glyceric.acid	0	0	0	#NUM!	0
sugar alcohols	8	1	1	hexitol	1	0	1	0	0.1
UnSaturated FA	14	1	1	linoleic.acid	0	0	0	#NUM!	0
Unsaturated_lysophosphatidylcholines	7	1	1	LPC..16.1.	0	0	0	#NUM!	0