

Table. S1. Differential metabolites identified in *L. monocytogenes* by pairwise OPLS-DA comparisons of the control with US, LVA, and US_LVA treatments.

Metabolites	VIP	FC	P-value	q-value
Control vs US				
Ethanol	4.31	0.22	0.00	0.01
Threonate	2.94	0.50	0.00	0.00
Xylitol	2.52	0.59	0.00	0.02
Methanol	2.03	0.70	0.01	0.05
Pyroglutamate	1.89	1.34	0.00	0.01
Glycerol	1.86	0.75	0.00	0.02
Erythritol	1.73	0.76	0.01	0.09
Homocysteine	1.73	1.29	0.00	0.02
D-Threitol	1.73	0.78	0.00	0.02
Biotin	1.38	1.18	0.01	0.07
Aspartate	1.19	1.14	0.02	0.03
Ethylene glycol	1.13	1.13	0.04	0.06
Lactate	1.11	1.13	0.04	0.06
Thymol	1.10	0.90	0.01	0.09
Glycolate	1.00	1.10	0.04	0.06
Control vs LVA				
Succinate	3.10	0.29	0.00	0.00
Proline	2.39	2.07	0.00	0.00
Tartrate	2.25	1.91	0.00	0.00
Glutamine	2.22	0.53	0.00	0.00
Biotin	2.16	0.55	0.00	0.00
Arginine	2.04	1.70	0.00	0.00
Adipate	2.03	0.59	0.00	0.00
Cystathionine	1.78	0.67	0.00	0.00
Pipecolate	1.74	0.68	0.00	0.00
Ethylene glycol	1.71	1.45	0.00	0.00
Histamine	1.66	0.70	0.00	0.00
Glucitol	1.55	1.38	0.01	0.02
Succinylacetone	1.29	0.80	0.00	0.00
Lactate	1.25	1.23	0.00	0.01
Xylose	1.22	1.21	0.00	0.01
Butanone	1.18	0.84	0.00	0.00
Glycolate	1.15	1.19	0.00	0.01
Alloisoleucine	1.13	1.19	0.00	0.01
Homocitrulline	1.09	1.17	0.00	0.00
Propionate	1.05	0.87	0.00	0.00
Control vs US_LVA				
Guanidinosuccinate	3.12	0.21	0.00	0.00
Aspartate	2.43	0.40	0.00	0.00

Proline	2.16	2.07	0.00	0.00
Cystathionine	2.02	0.53	0.00	0.00
Tartrate	1.98	1.86	0.00	0.00
Acetone	1.87	0.58	0.00	0.00
Arginine	1.85	1.70	0.00	0.00
Agmatine	1.76	1.69	0.01	0.02
Isopropanol	1.65	0.66	0.00	0.00
Ethylene glycol	1.51	1.43	0.00	0.00
Glucitol	1.40	1.38	0.01	0.02
Histidine	1.37	0.75	0.00	0.00
Methylamine	1.35	0.75	0.00	0.00
Butanone	1.18	0.81	0.00	0.00
Valerate	1.16	0.81	0.00	0.00
Xylose	1.15	1.25	0.01	0.02
Lactate	1.13	1.23	0.00	0.01
Propionate	1.06	0.84	0.00	0.00
Glycolate	1.05	1.19	0.00	0.00
