

Supplemental Table 4. List of VOCs analyzed by PCA at week 13.

RT (min)	Base peak	Name	PC 1 (21.39%)	PC 2 (12.63%)	<i>p</i> (two-way ANOVA)		
					Diet	Lineage	DL
1.43	252		-0.60	2.09			
1.44	31		1.62	-1.90			
1.44	43	2,3-Butanedione	0.76	3.11			
1.44	31		-1.65	0.27			
1.48	58	Methylamine, N,N-dimethyl-	-0.18	1.47			
1.62	42		1.72	-1.16			
1.64	44	Pentanal	2.28	0.83			
1.68	29	Acetaldehyde	1.32	0.86			
2.14	43	Acetone	3.86	1.37			
2.56	82		1.55	-2.44			
2.83	43	2-Butanone	2.47	0.83			
2.87	43	2-Hexanone, 4-methyl-	1.18	0.74			
3.00	31	Ethanol	0.95	-0.51			
3.03	44		2.01	1.51			
3.06	44	Butanal, 3-methyl-	4.05	0.71		6.0E-03	
3.33	45		2.00	1.61			
3.45	31	1-Propene, 3-propoxy-	2.31	1.35			
3.87	29		2.01	-2.60			
4.24	41	Acetonitrile	-0.41	1.84			
4.93	75		0.61	3.02			
4.99	28		-0.39	-0.91			
7.57	18		0.47	0.50			
7.80	56	1-Butanol	-2.01	-0.07			
8.09	70	Heptanal	3.22	-2.34		7.8E-04	
8.13	43		-1.78	0.78			
9.09	80	1,3-Diazine	2.40	-0.74			
9.21	81	Furan, 2-pentyl-	1.61	-2.10			
10.27	55	1-Pentanol	2.55	-0.48			
10.47	94	Pyrazine, methyl-	3.96	0.95		1.4E-02	
10.81	56	Octanal	3.28	-2.35	1.6E-16	1.6E-16	1.6E-16
10.85	57		-1.81	-1.13			
11.07	45	Acetoin	0.04	1.00			
12.11	108	Pyrimidine, 4,6-dimethyl-	2.99	2.63			
12.19	107		3.01	-0.76			
12.86	56	1-Hexanol	1.71	-1.90			
13.08	126	Dimethyl trisulfide	3.15	1.51			
13.62	57	Nonanal	0.83	0.29			
15.16	48		1.91	2.94			
16.81	106	Benzaldehyde	3.29	1.00			
16.82	281		-1.36	1.49			
19.63	355		0.03	2.02			
19.74	60	Butanoic acid	-0.08	-2.63			
20.18	60		0.05	0.88			
21.32	71		-1.66	2.05			
22.02	94	Phenol	2.93	0.09			
22.40	107	p-Cresol	-2.02	1.56			
22.68	82	Hexadecanal	-0.47	0.08			
23.25	139		2.21	-0.55			
24.06	117	Indole	1.56	-0.59			