

- 1 Supplementary Table 1: Percent of each volatile compound derived from hexose, determined by
 2 [^{13}C] glucose labeling experiments. Values are based on same data set as shown in Figure 3.

Compound	Mean (%)	SE ^b (%)	Grouping ^a
Octanoic acid	122.29	2.81	A
Ethyl 3-hydroxybutyrate	121	7.39	A B
Hexanoic acid	110.8	3.35	A B C
Isoamyl acetate	103.19	1.31	A B C D
Ethyl hexanoate	102.12	8.24	A B C D E
Isobutyl alcohol	96.92	3.03	B C D E
Decanoic acid	96.83	6.27	B C D E
Ethyl octanoate	96.12	6.63	B C D E
Ethanol	94.16	0.26	C D E
Isoamyl alcohol	93.98	1.40	C D E
Phenylethyl acetate	93.1	3.19	C D E
Acetic acid	92.39	3.73	C D E
Ethyl Lactate	86.14	3.42	C D E F
β -Phenylethanol	81.91	3.16	D E F G
Methionol	77.36	2.90	E F G H
1-Butanol	61.49	2.50	F G H
Hexyl acetate	60.06	8.64	G H
Isobutyric acid	52.65	9.88	H
1-Hexanol	6.79	1.62	I

3 ^aRows with different letters are significantly different using Tukey's test. $p < 0.05$ was
 4 considered significant.

5 ^bSE is standard error of the mean

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