Table S4 Volatile alcohols and esters present in the fermentation media at day 2 of fermentation.

DAY2	VIN13	SOK2-VIN13	BM45	RAP1-BM45	DV10
Ethyl Acetate	5.53 ± 1.40	5.70 ± 1.20	7.60 ± 0.71	6.14 ± 2.16	8.10 ± 2.13
Propanol	33.24 ± 4.38	34.25 ± 3.19	32.81 ± 1.18	27.25 ± 1.37	28.39 ± 5.21
Isobutanol	5.78 ± 0.71	**8.71 ± 0.74**	9.26 ± 0.70	8.20 ± 1.70	6.20 ± 1.62
Isoamyl Acetate	0.10 ± 0.11	**0.31 ± 0.02**	0.18 ± 0.11	0.24 ± 0.11	0.17 ± 0.17
Butanol	0.16 ± 0.2	**0.41 ± 0.12**	Bd	Bd	Bd
Isoamyl alcohol	32.58 ± 5.74	37.27 ± 3.82	37.80 ± 2.90	35.85 ± 3.30	32.78 ± 3.61
Ethyl Hexanoate	Bd	bd	Bd	Bd	0.17 ± 0.17
Hexanol	Bd	bd	Bd	Bd	Bd
Ethyl Caprylate	0.05 ± 0.04	0.09 ± 0.01	0.10 ± 0.02	0.11 ± 0.03	0.11 ± 0.03
Acetic Acid	449.5 ± 17.8	**525.2 ± 26.2**	715.3 ± 18.9	*658.8 ± 7.0*	618.4 ± 15.4
Propionic Acid	2.23 ± 0.15	2.47 ± 0.18	2.04 ± 0.19	2.15 ± 0.23	2.38 ± 0.31
Iso-Butyric Acid	0.78 ± 0.04	0.71 ± 0.02	0.79 ± 0.06	0.68 ± 0.04	0.80 ± 0.06
Butyric Acid	0.55 ± 0.04	0.52 ± 0.01	0.58 ± 0.05	0.57 ± 0.01	0.67 ± 0.02
Ethyl Caprate	0.08 ± 0.016	0.09 ± 0.02	0.12 ± 0.04	0.16 ± 0.06	0.10 ± 0.02
Iso-Valeric Acid	0.45 ± 0.03	0.37 ± 0.01	0.47 ± 0.08	*0.33 ± 0.04*	0.38 ± 0.06
Diethyl Succinate	Bd	bd	Bd	Bd	Bd
Valeric Acid	Bd	bd	Bd	Bd	Bd
2-Phenylethyl Acetate	Bd	bd	Bd	Bd	Bd
Hexanoic Acid	0.73 ± 0.03	**0.85 ± 0.07**	0.94 ± 0.13	1.05 ± 0.15	1.39 ± 0.07
2-Phenyl Ethanol	6.42 ± 0.47	7.11 ± 0.69	9.64 ± 0.35	*7.57 ± 0.78*	7.49 ± 0.50
Octanoic Acid	0.76 ± 0.15	1.14 ± 0.26	1.25 ± 0.64	1.03 ± 0.10	3.05 ± 0.92
Decanoic Acid	2.54 ± 0.19	2.34 ± 0.26	2.73 ± 0.12	2.95 ± 0.38	3.33 ± 0.09

All values are expressed in $mg.L^{-1}$ and are the average of 4 biological repeats ± standard deviation. Metabolites present at concentrations below the detection limit are indicated by "Bd". Values in bold indicate a statistically significant increase in concentration for a given metabolite relative to the untransformed control, whereas values in italics indicate a significant decrease in concentration.