

Table S7. Selected constituents by volcano plot (Influence of yeast addition and ethanol addition)

Constituent name	Log2 (Yeast/Ethanol)	-Log10 ( <i>p</i> -value)
1-Butanol	8.038	4.287
3-Hydroxy-2-butanone (Acetoin)	6.607	3.324
2,3-Butanedione (Diacetyl)	5.122	2.484
3,5-Dimethyl-4-heptanone	4.826	4.156
5(or 2)-Ethyl-4-hydroxy-2(or 5)-methyl-3(2 <i>H</i> )-furanone (HEMF)	4.809	3.187
3-Methyl-2(5 <i>H</i> )-furanone	4.718	6.301
2,3-Butanediol	3.860	2.121
2-Phenylethyl alcohol	3.853	3.559
2-Methylpropyl ethanoate (Isobutyl acetate)	3.420	1.999
3-Methyl-1-butanol (Isoamyl alcohol)	3.413	2.436
2-(4-Hydroxyphenyl)ethanol	3.410	3.032
5-Ethyl-2(3 <i>H</i> )-furanone	3.235	4.513
2-Methyl-1-propanol (Isobutyl alcohol)	2.885	3.039
Dihydro-5-methyl-2(3 <i>H</i> )-furanone ( <i>gamma</i> -Valerolactone)	2.845	4.495
Butyl acetate	2.775	3.895
3,4-Hexanedione	2.758	2.673
3-Methylbutyl acetate (Isoamyl acetate)	2.579	2.473
2-Methyl-1-butanol (Active amyl alcohol)	2.389	4.824
1-Hydroxy-2-butanone	2.370	2.999

Constituent name	Log2 (Yeast/Ethanol)	-Log10 ( <i>p</i> -value)
3-(Methylthio)-1-propanol (Methionol)	1.938	5.071
Glycerol	1.749	5.086
2-Butenal	1.636	2.285
2-Methylbutyl acetate	1.569	1.717
2-Butenoic acid	1.440	3.470
Succinic acid (or aldehyde)	1.397	3.337
3-Octanone	1.322	1.428
2-Furancarboxaldehyde (Furfural)	1.268	4.384
( <i>Z</i> )-3,7-Dimethyl-2-octene	1.263	2.835
2,3-Pentanedione	1.246	1.898
2-Furanmethanol (Furfuryl alcohol)	1.079	2.829
5-Ethylidihydro-2(3 <i>H</i> )-furanone	1.009	4.476
Tryptophan	-3.189	4.161
4-Hydroxy-5-methyl-furanone	-1.394	4.376
Ethyl formate	-1.387	3.007
Ethyl 2-methylbutanoate	-1.216	1.851