

Tabla S1. Metabolites identified at different level according to their chemical group.

Metabolite	Group label	Level
3-Methyl-furan	Furan	2
3-Methyl-butanal	Aldehyde no LOX	1
2-Methyl-butanal	Aldehyde no LOX	1
Octanal	Aldehyde no LOX	1
Nonanal	Aldehyde no LOX	1
(E,E)-2,4-Hexadienal	Aldehyde no LOX	1
Benzaldehyde	Aldehyde no LOX	1
(Z)-2-Heptenal	Aldehyde no LOX	1
Methanol	Alcohol no LOX	1
Ethanol	Alcohol no LOX	1
(Z)-2-Hepten-1-ol	Alcohol no LOX	2
Benzyl alcohol	Alcohol no LOX	1
4-Methyl-2-pentanone	Ketone no LOX	2
6-Methyl-5-hepten-2-one	Ketone no LOX	1
2-Octanone	Ketone no LOX	2
Ethyl butyrate	Ester no LOX	2
Butyl acetate	Ester no LOX	2
Ethyl isovalerate	Ester no LOX	2
Toluene	HC aromatic	2
Ethylbenzene	HC aromatic	1
α -Ocimene	HC-monoterpene	1
(E)-4,8-Dimethylnona-1,3,7-triene	HC-terpene	2
UK-1	UK-1	4
UK-2	UK-2	4
Hexanal	Aldehyde LOX	1
(Z)-2-Pentenal	Aldehyde LOX	1
(E)-2-Pentenal	Aldehyde LOX	1
(Z)-3-Hexenal	Aldehyde LOX	1
(E)-3-Hexenal	Aldehyde LOX	1
(Z)-2-Hexenal	Aldehyde LOX	1
(E)-2-Hexenal	Aldehyde LOX	1
1-Penten-3-ol	Alcohol LOX	1
1-Hexanol	Alcohol LOX	1
(Z)-3-Hexen-1-ol	Alcohol LOX	1
Hexyl acetate	Ester LOX	1

(Z)-3-Hexenyl acetate	Ester LOX	1
Pentene dimers	LOX hydrocarbon	2
2-Pentanone	Ketone LOX	1
3-Pentanone	Ketone LOX	1
1-Penten-3-one	Ketone LOX	1
4-Methyl-2-pentanol	Internal Standard	1