

SUPPLEMENTARY DATA

Colautti, A., Golinelli, F., Iacumin, L., Tomasi, D., Cantone, P., & Mian, G. (2023). Triacntanol (long-chain alcohol) positively enhances the microbial ecology of berry peel in *Vitis vinifera* cv. 'Glera' yet promotes the must total soluble sugars content. *OENO One*, 57(2). <https://doi.org/10.20870/oeno-one.2023.57.2.7507>

Supplementary data

TABLE S1. Evaluation of the taxonomical composition of grape fungi carposphere of genera above 0.1% at least for 1 sample. Data are the percentage of ASVs recorder in each sample. Data are the mean of 8 replicates per treatment. Statistical analysis (T test) is reported (* $p < 0.05$, ** $p < 0.01$ *** $p < 0.001$). Sd: standard deviation figure.

Genus	TT		NT		p-value
	Mean	Sd	Mean	Sd	
<i>Aureobasidium</i>	49.316113	8.322530	40.500641	9.152380	
<i>Alternaria</i>	13.039270	1.002396	12.904830	0.844734	
<i>Saccharomyces</i>	9.893252	2.124514	13.055460	4.032598	
<i>Cladosporium</i>	6.963438	2.654368	8.474712	1.954383	
<i>Penicillium</i>	1.838574	1.420580	0.263005	0.068456	**
<i>Filobasidium</i>	2.742569	1.401351	3.872101	1.568138	
<i>Epicoccum</i>	2.212455	0.687118	3.025483	1.842507	
<i>Metschnikowia</i>	1.877887	0.904824	1.164484	0.428573	
<i>Pithomyces</i>	1.474977	0.620852	0.689939	0.024839	**
<i>Aspergillus</i>	1.151775	0.590498	0.001351	0.000985	***
<i>Cryptococcus</i>	1.052210	0.870110	1.896615	1.109832	
<i>Pichia</i>	1.028731	1.890469	3.565484	1.780649	*
<i>Hanseniaspora</i>	0.796500	0.001173	3.881333	0.282791	***
<i>Candida</i>	0.571114	0.551356	1.731478	0.913348	*

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TABLE S2. Evaluation of the taxonomical composition of grape fungi carposphere of genera above 0.5% at least for 1 sample. Data are the percentage of ASVs recorder in each sample. Data are the mean of 8 replicates per treatment. Statistical analysis (T test) is reported (* $p<0.05$, ** $p<0.01$ *** $p<0.001$). Sd: standard deviation.

Genus	TT		NT		p-value
	Mean	Sd	Mean	Sd	
<i>Undibacterium</i>	34.7668	4.1363	30.8335	5.8031	
<i>Pedobacter</i>	20.7755	5.9802	13.1629	3.7074	*
<i>Burkholderia</i>	18.1836	6.2204	6.8569	4.0721	**
<i>Massilia</i>	12.0401	2.1178	10.1074	3.3174	
<i>Sphingomonas</i>	4.0585	1.7301	4.7053	0.9642	
<i>Rhodococcus</i>	3.9609	0.4142	3.6017	1.2805	
<i>Paenibacillus</i>	2.0014	1.5688	3.9981	1.8003	*
<i>Pantoea</i>	1.6709	1.1074	4.9385	2.4482	**
<i>Mesorhizobium</i>	0.7055	0.5761	1.8942	1.2042	*
<i>Hymenobacter</i>	0.6129	0.2733	0.9043	0.4883	
<i>Brevibacterium</i>	0.4934	0.0114	1.7402	1.0073	**
<i>Methylobacterium</i>	0.2003	0.0642	0.4967	0.2166	**
<i>Gluconobacter</i>	0.1248	0.0736	15.4748	3.8221	***
<i>Pseudomonas</i>	0.1207	0.0084	0.2487	0.1241	*
<i>Flexibacter</i>	0.1002	0.0256	0.126	0.0843	
<i>Staphylococcus</i>	0.0744	0.0511	0.1603	0.0094	**
<i>Bacillus</i>	0.0672	0.0198	0.6367	0.8194	
<i>Lactobacillus</i>	0.0401	0.0077	0.1209	0.0942	*