SUPPLEMENTARY DATA
Delaiti, S., Nardin, T., Pedò, S., Larcher, R., Gallo, A., Cappello, N., & Roman, T. (2024). Impact of using yeast derivatives on the development of atypical aging in wines. *OENO One*, *58*(2).
https://doi.org/10.20870/oeno-one.2024.58.2.7939

Supplementary data

Table S1. Manufacture details of the standards used

Abbreviation	Compound	Company	Purity
ILA	DL-Indole-3-lactic acid	Sigma-Aldrich	99 %
IAA	3-Indolacetic acid	Sigma-Aldrich	98 %
me-IAA	methyl indole-3-acetate	Sigma-Aldrich	≥ 99 %
IAA-Asp	N-(3-indolyalcetyl)-DL-aspartic acid	Sigma-Aldrich	98 %
IAA-Ala	N-(3-indolyalcetyl)-DL-alanine	Sigma-Aldrich	98 %
SKA	skatole	Sigma-Aldrich	≥ 98 %
KYN	DL-kynurenine	Sigma-Aldrich	≥ 95 %
IAM	indole-3-acetamide	Sigma-Aldrich	98 %
IAN	indole-3-acetonitrile	Sigma-Aldrich	98 %
TAM	Tryptamine hydrochloride	Sigma-Aldrich	99 %
TRH	3-(2-hydroxyethyl)indole	Fluka	≥ 98 %
TRP	L-Tryptophan	Sigma-Aldrich	≥ 98 %
2AAP	2-aminoacetophenone	Sigma-Aldrich	98 %

SUPPLEMENTARY DATA
Delaiti, S., Nardin, T., Pedò, S., Larcher, R., Gallo, A., Cappello, N., & Roman, T. (2024). Impact of using yeast derivatives on the development of atypical aging in wines. *OENO One*, *58*(2).
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Table S2. Details of the reference standards used

	Standard name	Company	Purity
Gaba	γ-Aminobutyric acid	Sigma-Aldrich	≥ 99%
Asp	L-Aspartic acid	Sigma-Aldrich	≥ 98%
Glu	L-Glutamic acid	Sigma-Aldrich	≥ 99%
Gln	L-Glutamine	Sigma-Aldrich	≥ 98%
Ala	L-Alanine	Sigma-Aldrich	≥ 98%
Arg	L-Arginine monohydrochloride	Sigma-Aldrich	≥ 98%
Asn	L-Asparagine	Sigma-Aldrich	≥ 98%
Cit	L-Citrulline	Sigma-Aldrich	≥ 98%
Phe	L-Phenylalanine	Sigma-Aldrich	≥ 98%
Gly	Glycine	Sigma-Aldrich	≥ 99%
Ile	L-Isoleucine	Sigma-Aldrich	≥ 98%
Leu	L-Leucine	Sigma-Aldrich	≥ 98%
His	L-Histidine monohydrochloride monohydrate	Sigma-Aldrich	≥ 98%
Lys	L-Lysine monohydrochloride	Sigma-Aldrich	≥ 98%
Met	L-Methionine	Sigma-Aldrich	≥ 98%
Orn	L-Ornitine dihydrochloride	Fluka	≥ 99%
Ser	L-Serine	Sigma-Aldrich	≥ 99%
Tyr	L-Tyrosine	Sigma-Aldrich	≥ 98%
Thr	3-(2-Hydroxyethyl)indole	Sigma-Aldrich	97%
Trp	L-Tryptophan	Sigma-Aldrich	≥ 98%
Val	L-Valine	Sigma-Aldrich	≥ 98%
NH_4	Ammonium nitrate	Sigma-Aldrich	≥ 99%

SUPPLEMENTARY DATA
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Table S5. Average (Avg) and standard deviation (SD) of the 2-aminoacetophenone (AAP) content of 10 finished wines obtained from different grape juices fermented with increasing amounts of diammonium phosphate (DAP) [mg/L].

	DAP (mg/L)					
Matrix	**100**		**250**		**400**	
	Avg	**SD**	**Avg**	**SD**	**Avg**	**SD**
a	0.45	0.02	0.44	0.02	0.46	0.01
b	0.41	0.16	0.31	0.12	0.36	0.14
c	0.71	0.18	0.86	0.14	0.87	0.19
d	0.87	0.18	0.78	0.18	0.87	0.16
e	1.06	0.11	1.15	0.19	1.12	0.18
f	0.65	0.11	0.54	0.10	0.51	0.15
g	0.87	0.15	0.71	0.20	0.83	0.14
i	0.46	0.14	0.35	0.15	0.33	0.17
h	0.59	0.15	0.58	0.16	0.67	0.12
m	1.13	0.17	0.99	0.20	0.91	0.18

SUPPLEMENTARY DATA
Delaiti, S., Nardin, T., Pedò, S., Larcher, R., Gallo, A., Cappello, N., & Roman, T. (2024). Impact of using yeast derivatives on the development of atypical aging in wines. *OENO One*, *58*(2).
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Table S6. Average (Avg) and standard deviation (SD) of the 2-aminoacetophenone (AAP) content of 10 finished wines obtained from different grape juices fermented with [400 mg/L] and without [0 mg/L] of a yeast derivative (YD1).

	YD1 (mg/L)			
	0		400	
Matrix	Avg	SD	Avg	SD
a	0.07	0.015	0.11	0.011
b	0.08	0.020	0.11	0.010
c	0.11	0.014	0.14	0.013
d	0.13	0.012	0.18	0.012
e	0.16	0.016	0.17	0.013
f	0.21	0.017	0.26	0.011
g	0.23	0.019	0.15	0.012
h	0.24	0.016	0.32	0.016
i	0.39	0.019	0.62	0.019
l	0.48	0.018	0.58	0.016