## Supplementary Material

Extraction of pathogenesis-related proteins and phenolics in Sauvignon Blanc as affected by grape harvesting and processing conditions
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Table S1. Compositional analysis of juices and wines from different treatments across the three blocks ( $n=3$ ).

| Block | Process | Pressure (Mpa) | Juice Yield (\%) | Concentration of Each Component in Juice (mg/L) |  |  |  | Extraction of Each Component in Juice (mg/kg of Grapes) ${ }^{1}$ |  |  |  | Concentration of Each Component in Wine (mg/L) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Proteins* | Phenolics* | TLPs ${ }^{+}$ | Chitinases ${ }^{+}$ | Proteins | Phenolics | TLPs | Chitinases | Proteins* | Phenolics* | TLPs ${ }^{\text {+ }}$ | Chitinases ${ }^{+}$ |
| 2011DP | H-WB | 0-0.4 | 13.5 | $148.3 \pm 38.4$ | $248.8 \pm 34.7$ | $113.3 \pm 3.4$ | $83.2 \pm 1.6$ | $20.0 \pm 5.2$ | $33.6 \pm 4.7$ | $15.3 \pm 0.5$ | $11.2 \pm 0.2$ | n/a | n/a | n/a | n/a |
|  |  | 0-0.8 | 42.2 | $159.1 \pm 32.7$ | $195.0 \pm 36.1$ | $118.3 \pm 2.2$ | $92.5 \pm 0.6$ | $67.1 \pm 13.8$ | $82.3 \pm 15.2$ | $49.9 \pm 0.9$ | $39.0 \pm 0.2$ | n/a | n/a | n/a | n/a |
|  |  | 0-1.6 | 55.7 | $141.0 \pm 33.1$ | $195.5 \pm 25.9$ | $108.5 \pm 1.4$ | $89.7 \pm 0.8$ | $78.6 \pm 18.4$ | $108.9 \pm 14.4$ | $60.4 \pm 0.8$ | $50.0 \pm 0.4$ | n/a | n/a | n/a | n/a |
|  | H-DC-3 | 0-0.4 | 50.0 | $224.4 \pm 37.4$ | $268.3 \pm 35.1$ | $119.0 \pm 1.3$ | $107.0 \pm 0.4$ | $112.2 \pm 18.7$ | $134.2 \pm 17.5$ | $59.5 \pm 0.7$ | $53.5 \pm 0.2$ | n/a | n/a | n/a | n/a |
|  |  | 0-0.8 | 60.0 | $192.5 \pm 13.9$ | $242.2 \pm 13.6$ | $114.6 \pm 2.3$ | $105.1 \pm 2.4$ | $115.5 \pm 8.4$ | $145.3 \pm 8.1$ | $68.8 \pm 1.4$ | $63.1 \pm 1.5$ | n/a | n/a | n/a | n/a |
|  |  | 0-1.6 | 62.7 | $175.3 \pm 30.4$ | $211.2 \pm 27.1$ | $112.0 \pm 0.8$ | $102.2 \pm 1.6$ | $109.9 \pm 19.1$ | $132.4 \pm 17.0$ | $70.2 \pm 0.5$ | $64.1 \pm 1.0$ | n/a | n/a | n/a | n/a |
|  | M-DC-3 | 0-0.4 | 50.4 | $153.8 \pm 38.6$ | $217.8 \pm 39.3$ | $98.1 \pm 5.3$ | $83.1 \pm 4.9$ | $77.5 \pm 19.5$ | $109.8 \pm 19.8$ | $49.4 \pm 2.7$ | $41.9 \pm 2.5$ | n/a | n/a | n/a | n/a |
|  |  | 0-0.8 | 63.9 | $121.9 \pm 7.2$ | $196.3 \pm 11.2$ | $102.2 \pm 2.2$ | $87.6 \pm 1.7$ | $77.9 \pm 4.6$ | $125.4 \pm 7.1$ | $65.3 \pm 1.4$ | $56.0 \pm 1.1$ | n/a | n/a | n/a | n/a |
|  |  | 0-1.6 | 71.5 | $118.8 \pm 15.7$ | $180.1 \pm 15.2$ | $98.5 \pm 0.8$ | $85.4 \pm 0.8$ | $85.0 \pm 11.3$ | $128.8 \pm 10.9$ | $70.4 \pm 0.6$ | $61.1 \pm 0.6$ | n/a | n/a | n/a | n/a |
| 2012DP | H-WB | 0-0.4 | 15.7 | $170.7 \pm 18.7$ | $228.0 \pm 1.7$ | $138.8 \pm 4.6$ | $94.1 \pm 4.1$ | $26.8 \pm 2.9$ | $35.8 \pm 0.3$ | $21.8 \pm 0.7$ | $14.8 \pm 0.6$ | $87.5 \pm 5.9$ | $203.0 \pm 5.9$ | $92.2 \pm 3.8$ | $43.5 \pm 1.4$ |
|  |  | 0.4-0.8 | 26.6 | $205.5 \pm 6.4$ | $224.6 \pm 3.8$ | $160.2 \pm 3.1$ | $116.2 \pm 0.4$ | $54.7 \pm 1.7$ | $59.8 \pm 1.0$ | $42.6 \pm 0.8$ | $30.9 \pm 0.1$ | $120.2 \pm 20.1$ | $202.7 \pm 1.7$ | $104.8 \pm 3.2$ | $62.7 \pm 3.4$ |
|  |  | 0-0.8 | 42.3 | $181.0 \pm 11.2$ | $222.4 \pm 0.8$ | $152.0 \pm 2.0$ | $110.0 \pm 0.5$ | $76.6 \pm 4.7$ | $94.1 \pm 0.4$ | $64.3 \pm 0.9$ | $46.5 \pm 0.2$ | $107.3 \pm 7.4$ | $201.9 \pm 4.3$ | $99.4 \pm 5.2$ | $59.2 \pm 3.4$ |
|  |  | 0.8-1.6 | 19.6 | $144.3 \pm 6.6$ | $250.8 \pm 8.7$ | $123.6 \pm 1.1$ | $97.9 \pm 0.8$ | $28.3 \pm 1.3$ | $49.1 \pm 1.7$ | $24.2 \pm 0.2$ | $19.2 \pm 0.2$ | $90.4 \pm 11.1$ | $213.8 \pm 3.4$ | $72.8 \pm 3.7$ | $45.3 \pm 3.4$ |
|  |  | 0-1.6 | 61.9 | $181.1 \pm 5.6$ | $232.1 \pm 3.5$ | $140.8 \pm 3.2$ | $105.6 \pm 1.5$ | $112.1 \pm 3.5$ | $143.7 \pm 2.1$ | $87.1 \pm 2.0$ | $65.4 \pm 0.9$ | $116.6 \pm 12.3$ | $209.1 \pm 0.8$ | $92.9 \pm 3.9$ | $54.7 \pm 2.1$ |
|  | H-DC-3 | 0-0.4 | 49.0 | $182.5 \pm 13.8$ | $275.8 \pm 1.7$ | $136.9 \pm 4.0$ | $100.2 \pm 2.4$ | $89.4 \pm 6.8$ | $135.1 \pm 0.8$ | $67.1 \pm 1.9$ | $49.1 \pm 1.2$ | $103.7 \pm 2.8$ | $236.9 \pm 3.2$ | $81.4 \pm 4.4$ | $44.5 \pm 3.2$ |
|  |  | 0.4-0.8 | 12.3 | $201.2 \pm 20.4$ | $259.1 \pm 0.8$ | $148.6 \pm 3.3$ | $115.6 \pm 1.7$ | $24.7 \pm 2.5$ | $31.9 \pm 0.1$ | $18.3 \pm 0.4$ | $14.2 \pm 0.2$ | $114.1 \pm 10.2$ | $219.4 \pm 1.3$ | $97.9 \pm 8.2$ | $58.2 \pm 3.9$ |
|  |  | 0-0.8 | 61.3 | $162.4 \pm 19.9$ | $272.7 \pm 1.0$ | $138.0 \pm 3.5$ | $102.4 \pm 2.7$ | $99.6 \pm 12.2$ | $167.2 \pm 0.6$ | $84.6 \pm 2.1$ | $62.8 \pm 1.6$ | $90.9 \pm 11.5$ | $230.2 \pm 3.9$ | $83.3 \pm 5.6$ | $46.3 \pm 4.9$ |
|  |  | 0.8-1.6 | 8.6 | $157.3 \pm 12.1$ | $300.2 \pm 2.4$ | $116.3 \pm 4.3$ | $94.9 \pm 0.7$ | $13.5 \pm 1.0$ | $25.8 \pm 0.2$ | $10.0 \pm 0.4$ | $8.2 \pm 0.1$ | $66.9 \pm 8.7$ | $240.2 \pm 2.9$ | $63.2 \pm 10.8$ | $30.0 \pm 7.4$ |
|  |  | 0-1.6 | 69.9 | $182.4 \pm 11.7$ | $274.6 \pm 0.5$ | $134.7 \pm 4.1$ | $100.8 \pm 2.5$ | $127.5 \pm 8.2$ | $192.0 \pm 0.3$ | $94.2 \pm 2.9$ | $70.5 \pm 1.7$ | $95.9 \pm 11.2$ | $211.9 \pm 7.9$ | $83.0 \pm 5.6$ | $48.0 \pm 3.7$ |
|  | M-DC-3 | 0-0.4 | 55.3 | $158.1 \pm 9.0$ | $267.7 \pm 1.3$ | $137.0 \pm 4.3$ | $103.4 \pm 1.6$ | $87.5 \pm 5.0$ | $148.0 \pm 0.7$ | $75.8 \pm 2.4$ | $57.2 \pm 0.9$ | $102.4 \pm 6.0$ | $223.0 \pm 11.4$ | $88.7 \pm 2.0$ | $45.6 \pm 5.3$ |
|  |  | 0.4-0.8 | 12.9 | $112.7 \pm 42.0$ | $263.3 \pm 7.3$ | $124.0 \pm 2.9$ | $104.3 \pm 0.7$ | $14.5 \pm 5.4$ | $34.0 \pm 0.9$ | $16.0 \pm 0.4$ | $13.4 \pm 0.1$ | $75.6 \pm 10.4$ | $221.9 \pm 0.5$ | $70.5 \pm 2.4$ | $34.5 \pm 1.8$ |
|  |  | 0-0.8 | 68.2 | $158.3 \pm 12.7$ | $269.1 \pm 2.2$ | $133.3 \pm 5.1$ | $102.9 \pm 0.8$ | $108.0 \pm 8.7$ | $183.5 \pm 1.5$ | $90.9 \pm 3.5$ | $70.2 \pm 0.6$ | $95.8 \pm 10.6$ | $229.6 \pm 2.9$ | $85.8 \pm 5.0$ | $43.6 \pm 3.6$ |
|  |  | 0.8-1.6 | 4.8 | $32.8 \pm 4.1$ | $299.9 \pm 7.1$ | $108.2 \pm 2.1$ | $98.3 \pm 0.7$ | $1.6 \pm 0.2$ | $14.4 \pm 0.3$ | $5.2 \pm 0.1$ | $4.7 \pm 0.0$ | $60.2 \pm 15.2$ | $269.4 \pm 4.6$ | $53.0 \pm 8.5$ | $24.1 \pm 5.5$ |
|  |  | 0-1.6 | 73.0 | $164.8 \pm 10.4$ | $272.1 \pm 1.7$ | $132.4 \pm 4.3$ | $102.3 \pm 0.6$ | $120.3 \pm 7.6$ | $198.7 \pm 1.3$ | $96.6 \pm 3.1$ | $74.7 \pm 0.5$ | $84.7 \pm 9.7$ | $220.8 \pm 6.6$ | $75.6 \pm 5.4$ | $37.5 \pm 1.1$ |
| 2012BM | H-WB | 0-0.4 | 16.7 | $51.5 \pm 8.8$ | $175.2 \pm 9.0$ | $55.3 \pm 1.4$ | $28.7 \pm 2.4$ | $8.6 \pm 1.5$ | $29.3 \pm 1.5$ | $9.2 \pm 0.2$ | $4.8 \pm 0.4$ | n/a | n/a | n/a | n/a |
|  |  | 0-0.8 | 43.3 | $78.7 \pm 3.6$ | $179.5 \pm 8.1$ | $73.1 \pm 1.2$ | $42.0 \pm 0.1$ | $34.1 \pm 1.6$ | $77.7 \pm 3.5$ | $31.6 \pm 0.5$ | $18.2 \pm 0.1$ | n/a | n/a | n/a | n/a |
|  |  | 0-1.6 | 62.0 | $71.8 \pm 2.7$ | $161.6 \pm 25.1$ | $59.4 \pm 7.1$ | $36.8 \pm 3.7$ | $44.5 \pm 1.7$ | $100.2 \pm 15.5$ | $36.8 \pm 4.4$ | $22.8 \pm 2.3$ | n/a | n/a | n/a | n/a |
|  | H-DC-3 | 0-0.4 | 48.0 | $79.8 \pm 11.9$ | $229.8 \pm 20.1$ | $72.6 \pm 6.8$ | $44.0 \pm 3.4$ | $38.3 \pm 5.7$ | $110.3 \pm 9.7$ | $34.8 \pm 3.2$ | $21.1 \pm 1.6$ | n/a | n/a | n/a | n/a |
|  |  | 0-0.8 | 61.0 | $91.5 \pm 42.0$ | $241.6 \pm 8.2$ | $76.1 \pm 5.2$ | $48.0 \pm 3.0$ | $55.8 \pm 25.6$ | $147.4 \pm 5.0$ | $46.4 \pm 3.2$ | $29.3 \pm 1.9$ | n/a | n/a | n/a | n/a |
|  |  | 0-1.6 | 68.7 | $71.0 \pm 16.0$ | $200.7 \pm 11.4$ | $61.5 \pm 5.9$ | $39.1 \pm 4.2$ | $48.8 \pm 11.0$ | $137.9 \pm 7.8$ | $42.2 \pm 4.0$ | $26.9 \pm 2.9$ | n/a | n/a | n/a | n/a |
|  | M-DC-3 | 0-0.4 | 56.3 | $84.5 \pm 10.9$ | $244.6 \pm 13.2$ | $67.5 \pm 3.9$ | $44.9 \pm 2.1$ | $47.6 \pm 6.1$ | $137.7 \pm 7.4$ | $38.0 \pm 2.2$ | $25.3 \pm 1.2$ | n/a | n/a | n/a | n/a |
|  |  | 0-0.8 | 70.7 | $56.4 \pm 11.6$ | $229.8 \pm 8.1$ | $60.8 \pm 2.2$ | $39.8 \pm 0.7$ | $39.9 \pm 8.2$ | $162.4 \pm 5.8$ | $43.0 \pm 1.5$ | $28.2 \pm 0.5$ | n/a | n/a | n/a | n/a |
|  |  | 0-1.6 | 71.2 | $63.7 \pm 7.9$ | $242.2 \pm 7.4$ | $60.9 \pm 1.1$ | $40.6 \pm 0.8$ | $45.3 \pm 5.6$ | $172.4 \pm 5.3$ | $43.4 \pm 0.8$ | $28.9 \pm 0.6$ | $\mathrm{n} / \mathrm{a}$ | n/a | n/a | n/a |

[^0] wines.


[^0]:    determined by Folin-Ciocalteau method, which is expressed as gallic acid equivalent; ${ }^{+}$TLPs and chitinases were determined by RP-HPLC, which is expressed as thaumatin equivalent. $n /$ a, juices were not bottle fermented to get

