

Supplementary Materials: Incidence of GLMD-Like Symptoms on Grapevines Naturally Infected by Grapevine Pinot Gris Virus, Boron Content and Gene Expression Analysis of Boron Metabolism Genes

Tomáš Kiss, Mária Kocanová, Aleš Vavříník, Dorota Tekielska, Jakub Pečenka, Eliška Haka-lová, Milan Špetík, Kateřina Štusková, Alla Eddine Mahamedi, Miroslav Baránek, Akila Berraf-Tebbal, Jana Čechová, and Aleš Eichmeier

Supplementary Table 1. List of primers used for GPGV detection and subsequent phylogenetic analysis.

Gene	Orientation	5′–3′	Concentration	Reference
<i>MP/CP</i>	forward	TGGTCTGCAGCCAGGGGACA	200 nM	Morelli et al. [1]
	reverse	TCACGACCGGCAGGGAAGGA		
<i>RdRp</i>	forward	TGAGGCATTTCGATGTTTCCCA	200 nM	Saldarelli et al. [2]
	reverse	ACCCAATCAAGCCATGAACCT		

Supplementary Table 2. List of primers used for GPGV relative quantification and gene expression analyses.

Gene	Orientation	5′–3′	Concentration	Reference
<i>VvBOR1</i>	forward	CGAAGATACAAGGTGTTGGAGGA	200 nM	
	reverse	AGACCGTCTGGAACAAGGTG		
<i>VvBOR2</i>	forward	TTGCAATGGAGGGAGAGATGG	200 nM	
	reverse	ATGCCTAATTCACCACGGC		
<i>VvNIP5</i>	forward	GTCCCTTCGGTCAGCATTTGG	300 nM	Buoso et al. [3]
	reverse	GCCAATTCCCCACAGCTC		
<i>VvNIP6</i>	forward	TCCTTCTCATTCAGGGGCGT	200 nM	
	reverse	ATCCCACTGCTCTGGTGTCG		
<i>Vv60SRP</i>	forward	TTCAATGTCGGCACCTCATA	300 nM	
	reverse	CCTCCGATGTCTCTCTCCAG		
<i>CP</i>	forward (CPF3)	TGTCGATTCGTCAGGAGTTG	300 nM	Bertazzon et al. [4]
	reverse (CPR3)	GGGTAAATTGTCTCCCTGA		

References

1. Morelli, M.; Catarino, A.D.M.; Susca, L.; Saldarelli, P.; Gualandri, V.; Martelli, G.P. First Report of Grapevine Pinot Gris Virus from Table Grapes in Southern Italy. *J. Plant Pathol.* **2014**, *96*, 439–439.
2. Saldarelli, P.; Giampetruzzi, A.; Morelli, M.; Malossini, U.; Pirolo, C.; Bianchedi, P.; Gualandri, V. Genetic Variability of Grapevine Pinot gris virus and Its Association with Grapevine Leaf Mottling and Deformation. *Phytopathology* **2015**, *105*, 555–563.

3. Buoso, S.; Pagliari, L.; Musetti, R.; Fornasier, F.; Martini, M.; Loschi, A.; Fontanella, M.C.; Ermacora, P. With or Without You: Altered Plant Response to Boron-Deficiency in Hydroponically Grown Grapevines Infected by Grapevine Pinot Gris Virus Suggests a Relation Between Grapevine Leaf Mottling and Deformation Symptom Occurrence and Boron Plant Availability. *Front. Plant Sci.* **2020**, *11*, 226.
4. Bertazzon, N.; Forte, V.; Filippin, L.; Causin, R.; Maixner, M.; Angelini, E. Association between genetic variability and titre of Grapevine Pinot gris virus with disease symptoms. *Plant Pathol.* **2017**, *66*, 949–959.