

Supplementary Table S1.

Top: Results of RT-PCR detection of the 11 viruses detected in this study on individual plants of the three treatments (Symptomless, GLD_S+ and GLD_S++) grafted onto the 5BB rootstock. Only eight plants were available for the Symptomless treatment.

Bottom: PCR primers and conditions used (and reference)

	Closteroviridae		Betaflexiviridae				Tymoviridae				
	GLRaV-1	GLRaV-3	GVB	GPGV	GRSPaV	GVT	GRGV	GfKv	GAMaV	GSyV-1	GRVfV
Healthy 5BB_01	-	-	-	-	+	-	+	-	-	+	-
Healthy 5BB_02	-	-	-	-	+	-	+	-	+	+	-
Healthy 5BB_03	-	-	-	-	+	-	+	-	-	+	-
Healthy 5BB_04	-	-	-	-	+	-	+	-	-	-	-
Healthy 5BB_05	-	-	-	-	+	-	-	-	-	-	-
Healthy 5BB_07	-	-	-	-	+	-	+	-	-	+	-
Healthy 5BB_08	-	-	-	-	+	-	-	-	-	+	-
Healthy 5BB_10	-	-	-	-	+	-	-	-	+	+	-
GLD_S+ 5BB_01	+	-	-	+	+	-	+	+	-	-	+
GLD_S+ 5BB_02	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_03	+	-	-	+	+	-	+	+	-	-	+
GLD_S+ 5BB_04	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_05	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_06	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_07	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_08	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_09	+	-	-	-	+	-	+	+	-	-	+
GLD_S+ 5BB_10	+	-	-	-	+	-	+	-	-	-	+
GLD_S++ 5BB_01	+	+	+	+	+	+	+	-	-	-	+
GLD_S++ 5BB_02	+	+	+	-	+	+	-	-	-	-	+
GLD_S++ 5BB_03	+	+	+	-	+	+	+	-	-	-	+
GLD_S++ 5BB_04	+	+	+	-	+	+	+	-	-	-	+
GLD_S++ 5BB_05	+	+	+	-	+	+	+	-	-	-	+
GLD_S++ 5BB_06	+	+	+	+	+	+	-	-	-	-	+
GLD_S++ 5BB_07	+	+	+	-	+	+	+	-	-	-	+
GLD_S++ 5BB_08	+	+	+	-	+	+	+	-	-	-	+
GLD_S++ 5BB_09	+	+	+	-	+	+	+	-	-	-	+
GLD_S++ 5BB_10	+	+	+	-	+	+	+	-	-	-	+

Virus name	Acronym	Primer name	Forward primer sequence (5'-3')	Amplicon size	Annealing temperature	Reference
Grapevine leafroll-associated virus 1	GLRaV-1	LQV1-H47	GTTACGGCCCTTTGTTTATTATGG	401bp	60°C	[58]
		LEVI-C447	CGACCCCTTTATTGTTTGAGTATG			
Grapevine leafroll-associated virus 3	GLRaV-3	LR3POLF1	ACGTAACGGGGCAGAATATAGT	282bp	60°C	[59]
		LR3POLR1	TATCAACACCAAGTGCAAGAGTA			
Grapevine virus B	GVB	GB1	GTGCTAAGAACGTCTTCACAGC	450bp	65°C	[60]
		GB2	ATCAGCAAACACGCTTGAACCG			
Grapevine Pinot gris virus	GPGV	GPGV RepF	TGAGGCATTGATGTTTCCCA	525bp	60°C	[61]
		GPGV RepR	ACCCAATCAAGCCATGAACCT			
Grapevine rupestris stem pitting-assocaited virus	GRSPaV	RSP35	AGRYTTAGRGTRGCTAARGC	478bp	55°C	[62]
		RSP36	CACATRTCATCVCCYGCAAA			
Grapevine virus T	GVT	GVT-8123F	AGGTTYTGCATGTATTACTC	312bp	54°C	This study
		GVT-8434R	TTGTAAGCTGGAGCACCCAT			
Grapevine redglobe virus	GRGV	RG-CF-F1	GAATTCGCTGTCGGCCACTC	453bp	60°C	[63]
		RG-CF-R1	AGTGAGAGGAGAGATTCCATC			
Grapevine fleck virus	GfKv	GfKv6445F	CCGTCTGCTGACCAGCCTG	520bp	55°C	[64]
		GfKv6964R	CGACGCAGGCGTCATTGCG			
Grapevine asteroid mosaic-associated virus	GAMaV	6165F	CTCGCGCTCCTCGCATTGTT	467bp	59°C	[65]
		6631R	CGTGACGAGGTTGGTCCCA			
Grapevine Syrah virus 1	GSyV-1	Det-F	CAAGCCATCCGTGCATCTGG	296bp	60°C	[66]
		Det-R	GCCGATTTGGAACCCGATGG			
Grapevine rupestris vein feathering virus	GRVfV	GRVfV_6165F	ACTWCYATCCCTTCCAGT	445bp	60°C	This study
		GRVfV_6600R	GCTGACCATGCCACGAATCA			

Supplementary Table S2. Determination of the virome of each treatment in the experiment. Total number of reads mapping, percentage coverage and mean coverage on the different virus/viroid identified obtained by mapping using Geneious v11.1 with the Medium Low default parameter with 2 iterations (except for GFkV where 1 iteration was used). GenBank accession added for the sequences deposited. Total number of read mapped and sequenced are listed at the bottom with the calculation of the number of viral reads mapped per million reads sequenced. Virus acronyms: GRSPaV- grapevine rupestris stem pitting-associated virus; GRGV - grapevine red globe virus; GAMaV- grapevine asteroid mosaic-associated virus; GSyV-1 - grapevine Syrah virus 1; GFkV - grapevine fleck virus; GPGV - grapevine Pinot gris virus; GLRaV-1- grapevine leafroll-associated virus 1; GLRaV-3 - grapevine leafroll-associated virus 3; GRVfV - grapevine rupestris vein feathering virus; GVT - grapevine virus T; GVB - grapevine virus B.

	HEALTHY				GLD_S+				GLD_S++			
	reads mapped	% coverage	Mean Coverage	GenBank #	reads mapped	% coverage	Mean Coverage	GenBank #	reads mapped	% coverage	Mean Coverage	GenBank #
GRSPaV_I	228 868	100%	1 912	ON221452	156 605	100%	1 330	ON221454	275 809	100%	2 278	ON221457
GRSPaV_II	79 728	100%	671	ON221450	116 761	96.8%	998	ON221453	190 574	96.5%	1 619	ON221456
GRSPaV_III	223 636	99.7%	1 898	ON221451	246 174	99.8%	2 100	ON221455	348 787	100%	3 079	ON221458
GVT									66 455	100%	571	ON221461
GPGV					18 589	100.0%	189	ON237610				
GVB #1									57 372	100%	569	ON221459
GVB #2									1 506 248	99.9%	14 868	ON221460
GLRaV-3									856	91.9%	3	
GLRaV-1					3 073	99.6%	12	ON221467	1 430	94.2%	6	ON221468
GAMaV	10 327	87.8%	115	ON583999								
GFkV					409 699	96.9%	4 146	ON221466				
GRGV	340	75.7%	4	ON221449	3 588	96.1%	38	ON221462	40 353	100%	443	ON221463
GSyV-1	2 263	98.4%	26									
GRVfV					7 142	99.9%	80	ON221464	12 496	100%	149	ON221465
HSVd	3 502	100%	836		3 019	100%	700		5 495	100%	1 274	
GYSVd	7 630	100%	1 427		6 971	100%	1 299		7 056	100%	1 312	
Total mapped	556 294				971 621				2 512 931			
Sequenced (M)	160.808				145.387				136.789			
Viral read per M	3 459				6 683				18 371			

References

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