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Supplementary Table 1. Autochthonous grapevine cultivars used in this study, from the collection of the l'Institut Technique de l'Arboriculture Fruitière et de la Vigne (l'ITAFV).

Autochthonous grapevine cultivars
Ahmar de Machetras
Lakhzin
Soltane de Fendouk
Aberkane
Amellal
Ghanez
Amgha
Torki
Cherchalli
Ferrana
Aneb kabyle
Muscat de Gustave
Ahmar de Mascara
Ain Elcouma
Ferrana Noir
Valensi
Bouni
Valensi Noir
Muscat Noir
Tadlith
Ahchichene
Muscat de Fendouk
Pinot noir

Supplementary Table 2. Origins, cultivars and numbers of grapevine samples collected in 2012.

Region	Wilaya	Cultivar	Number of samples
Center	Boumerdes	Cardinal	18
		Kings Rubi	4
		Datier	2
		Muscat	11
		Gros noir	6
	Tizi Ouzou	Datier	6
		Datier	11
		Gros noir	15
		Muscat	4
		Alicante	6
West	Ain Temouchent	Mersguerra	4
		Cinsault	2
		Datier	5
		Gros noir	11
		Carignan	5
	Mascara	Valensi	1
		Autochthonous	11

Supplementary Table 3. Pairwise P23 nucleotide similarities (%) for the Algerian grapevine isolates examined in this study.

Isolate	ALG 107	ALG 108	ALG 265	ALG 383	ALG 212	ALG 157	ALG 122	ALG 378	ALG 130	ALG 253	ALG 85	ALG 424	ALG 388	ALG 373-12	ALG 26-12	ALG 20-12
ALG107																
ALG108	100															
ALG265	96	96														
ALG383	84	84	82													
ALG212	89	89	88	84												
ALG157	89	89	87	84	91											
ALG122	89	89	87	84	98	92										
ALG378	83	83	81	92	83	82	83									
ALG130	89	89	87	84	98	92	100	83								
ALG253	72	72	72	73	73	71	73	75	73							
ALG85	89	89	88	85	91	96	91	84	91	73						
ALG424	99	99	97	83	88	88	88	82	88	72	89					
ALG388	89	89	87	85	98	92	97	84	97	72	91	88				
ALG373-12	88	88	87	85	90	98	90	83	90	71	97	87	90			
ALG26-12	97	97	96	83	88	89	88	82	88	71	89	97	88	89		
ALG20-12	83	83	81	92	83	82	83	99	83	75	84	83	84	83	82	

Supplementary Table 4. Within-group nucleotide similarities (%) for the GLRaV-4 P23 gene in Algerian virus isolates.

Strain	Percentage of identity
Strain Pr	97
Strain 9	99
Strain 6	97
Strain 4	95
Strain 5	96
Strain Ob	90

Supplementary Table 5. Between group (strain) nucleotide similarities (%) for the GLRaV-4 P23 gene.

Group	Strain Pr	Strain 9	Strain 6	Strain 4	Strain 5	Strain Ob
Strain Pr						
Strain 9	73					
Strain 6	73	89				
Strain 4	74	84	83			
Strain 5	72	90	88	83		
Strain Ob	63	63	62	64	63	