

List of SSR markers used in the *VitisGen* project.

Marker	SSR name	Chr	Position (Mb)	Citation or reference of marker development	Species trait/allele derived	Diagnostic Allele Size (bp)	Validation efforts within VitisGen
Run1	CB405.420	12	~16	Feechan <i>et al.</i> 2013; Barker <i>et al.</i> 2005	<i>M. rotundifolia</i>	146	Validated with field trait evaluations in the Reisch and Ledbetter groups.
Ren1	SC47-6	13	~18	Coleman <i>et al.</i> 2009; Hoffman <i>et al.</i> 2008	<i>V. vinifera</i>	~239-240	Validated with greenhouse evaluations in the Ledbetter group.
Ren2	VMC6E1	14	~27	Unpublished research by Barba and Park in Bruce Reisch's program.	<i>V. cinerea</i>	125	Validated with field trait evaluations in the Reisch group.
Ren2	VVIP26	14	~27	Unpublished research by Barba and Park in Bruce Reisch's program.	<i>V. cinerea</i>	144	Validated with field trait evaluations in the Reisch group.
Ren3	UDV-015b	15	7.1	Welter <i>et al.</i> 2007	unknown	183/184	
Ren3	VViv67	15	10.9	Welter <i>et al.</i> 2007	unknown	337/338	
Ren4	UDV-108	18	~27	Mahanil <i>et al.</i> 2012	<i>V. romanetii</i>	202 or 215	Validated with field trait evaluations in the Reisch and Ledbetter groups.
Ren4	PN18-01	18		Riaz <i>et al.</i> 2011	<i>V. romanetii</i>	210 to 230bp	Not validated.
Rpv3	UDV305	18	24.9	Moroldo <i>et al.</i> 2008	unknown	See supplementary Table 1	See supplementary Table 1 on Rpv3 Haplotypes
Rpv3	UDV737	18		Moroldo <i>et al.</i> 2008	unknown	See supplementary Table 1	See supplementary Table 1 on Rpv3 Haplotypes
Rpv12	UDV370	14	10.1	Venuti <i>et al.</i> 2013	<i>V. amurensis</i>	218?	Did not correlate in field trait evaluations within the Reisch group.
Rpv12	UDV014	14	8	Venuti <i>et al.</i> 2013	<i>V. amurensis</i>	159?	Did not correlate in field trait evaluations within the Reisch group.
Rda2	VVIB22			Unpublished on-going dissertation research by Paola Barba in Bruce Reisch's program.	Horizon	157	Reisch - ongoing.
Rda2	VrZAG62			Unpublished on-going dissertation research by Paola Barba in Bruce Reisch's program.	Horizon	180	Reisch - ongoing.
Rda2	VVMD7			Unpublished on-going dissertation research by Paola Barba in Bruce Reisch's program.	Horizon	237	Reisch - ongoing.
Rdv1 Phylloxe	Gf13_9	13	21.9	Zhang <i>et al.</i> 2009	<i>V. cinerea</i>	336	
Rdv1 Phylloxe	Gf13_1	13		Zhang <i>et al.</i> 2009	<i>V. cinerea</i>	211	
SDI	p2_AGL11	18		Mejía <i>et al.</i> 2011	<i>V. vinifera</i>	175	
SDI	p3_AGL11	18		Mejía <i>et al.</i> 2011	<i>V. vinifera</i>	198	
SDI	p4_AGL11	18	~25	Mejía <i>et al.</i> 2011	<i>V. vinifera</i>	225	"Seedlessness"; Validated with field trait evaluations in the Reisch and Ramming groups
Sex	APT3_Indel	2	5	Fechter <i>et al.</i> 2012	<i>V. vinifera</i>	see comment next column	Did not correlate with field trait evaluations in wild <i>Vitis</i> species within the Luby and Londo groups. 336fem; 466male; 268fem in vinifera; 397fem in vinifera
Sex	VVIB23	2	4.9	Riaz <i>et al.</i> 2006	<i>V. vinifera</i>	see comment next column	Did not correlate with field trait evaluations in wild <i>Vitis</i> species within Luby's group.
Teinturier	VMC6b11	2		VMC6b11 and VMC7g3 are 16 cM apart per McCallum thesis; used in Fournier-Level <i>et al.</i> 2009 as well	<i>V. vinifera</i>	78	
Teinturier	VMC7g3	2		VMC6b11 and VMC7g3 are 16 cM apart per McCallum thesis; unpublished.	<i>V. vinifera</i>	120	
Teinturier	VMC5g7	2		Ramming (Pers. Comm.) also mentioned in Fournier-Level <i>et al.</i> 2009	<i>V. vinifera</i>	130s?	Not validated, but David Ramming suggested this marker could be tested.
Teinturier	VMC8c2	2		Ramming (Pers. Comm.)	<i>V. vinifera</i>	120s?	Not validated, but David Ramming suggested this marker could be tested.

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