

Table S1 Details of QTL mapping for *P. viticola* resistance

	Type	LG	Threshold	LODmax of QTL	Peak (cM-Mbp)	Start (cM-Mbp)	End (cM-Mbp)	PVE (%)			
817SPD	IM	18	3	10.16	84.423	29.063	63.913	12.284	99.784	34.211	17.3
	MQM	18	3	10.16	84.423	29.063	83.581	28.181	85.829	30.224	17.3
817OIV	IM	18	3	11.35	84.423	29.063	57.996	11.178	99.784	34.211	19.1
	MQM	18	3	11.35	84.423	29.063	83.581	28.181	85.829	30.224	19.1
817LDAYS	IM	18	3	5.64	84.423	34.211	75.192	21.033	99.784	34.211	10
	MQM	18	3	5.23	84.423	29.063	83.581	28.181	85.829	30.224	9.3
825SPD	IM	18	3	4.57	84.423	29.063	82.148	24.955	87.669	30.729	8.2
	MQM	18	3	4.57	84.423	29.063	83.581	28.181	85.829	30.224	8.2
825OIV	IM	18	3	4.75	84.423	29.063	78.804	23.342	99.784	34.211	8.5
	MQM	18	3	4.75	84.423	29.063	83.581	28.181	85.829	30.224	8.5
825LDAYS	IM	18	3	3.8	84.423	29.063	82.148	24.955	87.669	30.729	6.9
	MQM	18	3	3.8	84.423	29.063	83.581	28.181	85.829	30.224	6.9