

Table S4. Test of sex identification marker combination in 34 varieties/accessions.

EA East Asian Grape. NA American Grape. EU Eurasian Grape.

A-EU Vitis interspecific crossing (Amur Grape × Eurasian Grape). EU-NA Vitis interspecific crossing (Eurasian Grape × American Grape)

Specie	Variety	SLS1 chr02_4825970	SLS2 chr02_4758220	Predicted sex	Actual sex	√/x
<i>V. piasezkii</i> (EA)	SJTU001	TC	GG	M	M	√
<i>V. hancockii</i> (EA)	SJTU002	TC	GG	M	M	√
<i>V. davidii</i> (EA)	SJTU003	TC	AA	M	M	√
<i>V. pseudoreticulata</i> (EA)	Huadong1058	TC	GG	M	M	√
<i>V. pseudoreticulata</i> (EA)	Huadong-GX	TC	GG	M	M	√
<i>V. yeshanensis</i> (EA)	SJTU004	TC	AG	M	M	√
<i>V. labrusca</i> (NA)	Chataqua	CC	AG	H	H	√
<i>V. aestivalis</i> (NA)	SJTU118	CC	AG	H	H	√
<i>V. acerifolia</i> (NA)	SJTU122	CC	AG	H	H	√
<i>V. vinifera</i> (EU)	Cabernet Franc	CC	AG	H	H	√
<i>V. vinifera</i> (EU)	Cabernet Sauvignon	CC	AG	H	H	√
<i>V. vinifera</i> (EU)	Merlot	CC	AG	H	H	√
<i>V. vinifera</i> (EU)	Champagne	CC	AG	H	H	√
<i>V. interspecific crossing (A-EU)</i>	Beichun	CC	AG	H	H	√
<i>V. interspecific crossing (A-EU)</i>	Hasang	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Jingya	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Zaijuxiang	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Hongfushi	CC	AA	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Catawba	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Concord	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Bath	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Frontenac	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Noah	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Kyoho	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Swenson red	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Fujiminori	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Villard Noir	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	St. croix	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Neptune	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Ravat	CC	AA	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Veepart	CC	AA	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Ventura	CC	AA	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Chambourcin	CC	AG	H	H	√
<i>V. interspecific crossing (EU-NA)</i>	Minnesota #78	CC	GG	F	F	√