

Table S1 Proportional genetic contributions of the most important founders of cultivars in the California and Cosmopolitan populations. The proportional genetic contribution (GC) of the *i*th founder to a focal population was estimated by $MK_i / \sum_i MK_i$, where MK_i is the mean kinship between the *i*th founder and cultivars in a focal population. Only those founders with GC estimates $\geq 0.10\%$ are shown. GC estimates are compiled for every founder in the S4 File for the California and S5 File for the cosmopolitan population.

Alias	Species	Origin	Notable Descendant	GC (%)
California Population				
New Jersey Scarlet	<i>F. virginiana</i>	New Jersey	Crescent	8.263
Hudson Bay	<i>F. virginiana</i>	New York	Methven Scarlet	2.691
FVG Wasatch	<i>F. virginiana</i>	Utah	Selva	1.330
Unknown <i>F. chiloensis</i> 021	<i>F. chiloensis</i>	California	Ettersburg 121	0.911
Unknown <i>F. chiloensis</i> 071	<i>F. chiloensis</i>	Unknown	Charles Downing	0.812
Unknown <i>F. virginiana</i> 022	<i>F. virginiana</i>	Iowa	Downer's Prolific	0.328
Unknown <i>F. virginiana</i> 001	<i>F. virginiana</i>	North America	Washington	0.139
Cosmopolitan Population				
New Jersey Scarlet	<i>F. virginiana</i>	New Jersey	Crescent	8.268
Hudson Bay	<i>F. virginiana</i>	New York	Methven Scarlet	3.462
Unknown <i>F. chiloensis</i> 071	<i>F. chiloensis</i>	Unknown	Charles Downing	1.865
Unknown <i>F. virginiana</i> 022	<i>F. virginiana</i>	Iowa	Downer's Prolific	0.939
Unknown <i>F. chiloensis</i> 014	<i>F. chiloensis</i>	California	Ettersburg 80	0.663
Unknown <i>F. chiloensis</i> 023	<i>F. chiloensis</i>	Peru	Rose Ettersburg	0.559
Unknown <i>F. chiloensis</i> 021	<i>F. chiloensis</i>	California	Ettersburg 121	0.461
Belle de Meaux	<i>F. vesca</i>	France	Louis Gauthier	0.353
Unknown <i>F. vesca</i> 001	<i>F. vesca</i>	California	Ettersburg 80	0.296
Early Washington	<i>F. virginiana</i>	Ohio	Triumvirate	0.189
Lucida	<i>F. chiloensis</i>	California	Mieze Schindler	0.177
Unknown <i>F. chiloensis</i> 025	<i>F. chiloensis</i>	Unknown	La Constante	0.160
Chili du Plougastel	<i>F. chiloensis</i>	Chile	Madame Moutot	0.149
Knight's Large Scarlet	<i>F. virginiana</i>	England	Downton	0.133
Unknown <i>F. virginiana</i> 018	<i>F. virginiana</i>	Unknown	La Constante	0.122
Unknown <i>P. palustris</i> FX012	<i>P. palustris</i>	Unknown	Frel	0.104
FVG Wasatch	<i>F. virginiana</i>	Utah	Brighton	0.101
Unknown <i>F. virginiana</i> 006	<i>F. virginiana</i>	Unknown	Protem	0.101
Unknown <i>F. chiloensis</i> 020	<i>F. chiloensis</i>	Unknown	Pandora	0.099