S2 Table: Information relating to Chardonnay clones used in this study

	Alternate name	Origin	Yield (kg/vine)	Ripening time	Comments
CR red [34]		Clare, South Aust.			Red-coloured berries
I10V1	FPS06[81], Heat treated Wente clone	UCD (Olmo68 - FPS05)	8.7 [82]	Early	
Mendoza	UCD1		8.4 [82], low	Late	Prone to millerandage
G9V7	FPS05[1], Olmo69 (Wente or Martini selections)	Stanley Lane Vineyards, Carneros [83]	8.5 [82], 12.9 [84], 5.2 [6]		
95	FPS73,38	Côte-dOr, Dijon	6.4 [82], medium [85]	late ripening	Sour rot in northern climate
76	FPS69, FPS76	Côte-dOr, Dijon	5.6 [10], medium [85]	late	
352	FPS41	Côte-dOr, l'Espiguette	6.4 [10]	late	
277	FPS 42, 49 and 51	Dijon		late	
96	FPS70, FPS96	Côte-dOr, Dijon	6.4 [10], high [85]	late	
1066		Côte-dOr, ENTAV	Low [85]		Prone to millerandage
124	FPS84,98	Côte-dOr, Champagne	5.9 [10]	late	
Waite Star [35]					Seedless, shiny hairless leaves
118	FPS104	Côte-dOr, Champagne	5.9 [10]	Early	
809		Saône-et-Loire, ENTAV	Low – medium [85]	Early	Muscat character
548	FPS548	Saône-et-Loire, ENTAV	Low-medium [85]	late	

References

81. Nicholas P. Grapevine clones used in Australia. SARDI, 2006 Jan 30.
82. Cirami R, Ewart AJW. Clonal selection, evaluation and multiplication in Australia. In: Wolpert J, Walker MA, Roberts D, editors. Proceedings of the International Symposium on Clonal Selection; Sep 22; Portland, Oregon1995. p. 52-9.
83. Sweet NL. Chardonnay History and Selections at FPS. FPS Grape Program Newsletter. 2007.
84. Wolpert J, Kasimatis A, Weber E. Field performance of 6 Chardonnay clones in the Napa valley. American Journal of Enology and Viticulture. 1994;45(4):393-400.
85. Institut Français de la Vigne et du Vin (IFV) (Le Grau du Roi F, INRA Centre de Montpellier (FRA), SupAgro (Montpellier F, VINIFLHOR. Catalogue des variété et clones de vigne cultivés en france. 2ème édition: Ministère de l'agriculture de la pêche et de l'alimentation; 2007.