

Pedigree confirmed by markers

Prime name: **MERLOT NOIR N**

Variety number VIVC: **7657**

Note: Several parentage hypotheses exist. They are given below. Analysis of additional nSSR or SNP markers or other proofs are needed to determine the correct parentage.

Prime name of pedigree parent 1: MAGDELEINE NOIRE DES CHARENTES N Prime name of pedigree parent 2: CABERNET FRANC N		
Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
40145	BOURSIQUOT, J. M.; LACOMBE, T.; LAUCOU, V.; JULLIARD, S.; PERRIN, F. X.; LANIER, N.; LEGRAND, D.; MEREDITH, C.; THIS, P. Parentage of Merlot and related winegrape cultivars of southwestern France: Discovery of the missing link Australian Journal of Grape and Wine Research, Australia 15 (2) 144-155 2009 https://doi.org/10.1111/j.1755-0238.2008.00041.x	35
40895	D'ONOFRIO, C.; TUMINO, G.; GARDIMAN, M.; CRESPIAN, M.; BIGNAMI, C.; DE PALMA, L.; BARBAGALLO, M. G.; MUGANU, M.; MORCIA, C.; NOVELLO, V.; SCHNEIDER, A.; TERZI, V. Parentage Atlas of Italian Grapevine Varieties as Inferred From SNP Genotyping Frontiers in Plant Science (11) 16 pp. 2021 https://doi.org/10.3389/fpls.2020.605934	
40858	KARASTAN, O. M.; MULIUKINA, N. A.; PAPINA, O. S. Verification of grape pedigree by microsatellite analysis Cytology and Genetics 52 (5) 331-342 2018 https://dx.doi.org/10.3103/S0095452718050031	9
40306	LACOMBE, T.; BOURSIQUOT, J.M.; LAUCOU, V.; DI VECCHI-STARAZ, M.; PEROS, J.P.; THIS, P. Large-scale parentage analysis in an extended set of grapevine cultivars (<i>Vitis vinifera</i> L.) Theoretical Applied Genetics 126 (2) 401-414 2013 https://doi.org/10.1007/s00122-012-1988-2	20

Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
1083	<p>LAUCOU, V.; LAUNAY, A.; BACILIERI, R.; LACOMBE, T.; ADAM-BLONDON, A. F.; BERARD, A.; CHAUVEAU, A.; ANDRES, M. T. DE; HAUSMANN, L.; IBANEZ, J.; PASLIER, M. C. LE; MAGHRADZE, D.; MARTINEZ-ZAPATER, J. M.; MAUL, E.; PONNAIAH, M.; TÖPFER, R.; PEROS, J. P.; BOURSQUOT</p> <p>Extended diversity analysis of cultivated grapevine <i>Vitis vinifera</i> with 10K genome-wide SNPs</p> <p>PLoS one, 13 (2) e0192540 1-27</p> <p>2018</p> <p>https://dx.doi.org/10.1371/journal.pone.0192540</p>	

Prime name of pedigree parent 1: ? Prime name of pedigree parent 2: CABERNET FRANC N		
Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
40014	<p>REGNER, F.; EISENHELD, C.; KASERER, H.; STADLBAUER, A.</p> <p>Weitere Sortenanalysen bei Rebe mittels genetischer Marker</p> <p>Mitteilungen Klosterneuburg 51 (1) 3-14</p> <p>2001</p>	