

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	<p>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</p>	35
40895	<p>D'ONOFRIO, C.; TUMINO, G.; GARDIMAN, M.; CRESPLAN, 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</p>	
40858	<p>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</p>	9
40306	<p>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</p>	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.; BOURSIQUOT Extended diversity analysis of cultivated grapevine <i>Vitis vinifera</i> with 10K genome-wide SNPs PLoS one, 13 (2) e0192540 1-27 2018 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. Weitere Sortenanalysen bei Rebe mittels genetischer Marker Mitteilungen Klosterneuburg 51 (1) 3-14 2001</p>	