

## Pedigree confirmed by markers

Prime name: **AFFENTHALER N**

Variety number VIVC: **79**

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: <b>SUESSSCHWARZ N</b> Prime name of pedigree parent 2: <b>HEUNISCH WEISS B</b>		
<b>Source of SSR-marker data</b>		
Source code	Bibliography	Number of loci analysed
1219	MAUL, E.; RÖCKEL, F.; TÖPFER, R. Wiederentdeckte traditionelle Rebsorten und die Einordnung ihrer geographischen und zeitlichen Entstehung Deutsches Weinbau-Jahrbuch 71 137-147 2020	25
40482	RÖCKEL, F.; MAUL, E.; TÖPFER, R. BÖLN-Projekt: Weiterentwicklung von Wissenstransfer- und Informationssystemen zur nachhaltigen Nutzung rebengenetischer Ressourcen in preparation 2014-2016	25

Prime name of pedigree parent 1: ? Prime name of pedigree parent 2: <b>HEUNISCH WEISS B</b>		
<b>Source of SSR-marker data</b>		
Source code	Bibliography	Number of loci analysed
40121	BOURSIQUOT, J.-M.; LACOMBE, T.; BOWERS, J.; MEREDITH, C. Le Gouais, un cépage clé du patrimoine viticole Européen Bulletin de l'OIV 77 (875-876) 5-19 2004	14

Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
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 <a href="https://doi.org/10.3389/fpls.2020.605934">https://doi.org/10.3389/fpls.2020.605934</a>	
40306	LACOMBE, T.; BOURSQUOT, 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 <a href="https://doi.org/10.1007/s00122-012-1988-2">https://doi.org/10.1007/s00122-012-1988-2</a>	20
1083	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 Extended diversity analysis of cultivated grapevine <i>Vitis vinifera</i> with 10K genome-wide SNPs PLoS one, 13 (2) e0192540 1-27 2018 <a href="https://dx.doi.org/10.1371/journal.pone.0192540">https://dx.doi.org/10.1371/journal.pone.0192540</a>	