# Pedigree confirmed by markers

Prime name: **MUSCAT HAMBURG N**
Variety number VIVC: **8226**

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: **SCHIAVA GROSSA N**
Prime name of pedigree parent 2: **MUSCAT OF ALEXANDRIA B**

**Source of SSR-marker data**

| Source code | Bibliography | Number of loci analysed |
|---|---|---|
| 577 | ANONYMOUS<br>Catalogue des variétés et clones de vigne cultivés en France 2ème édition<br>Institut Francais de la Vigne et du Vin (ENTAV-ITV)<br>2007 | |
| 40095 | CRESPAN, M.<br>The parentage of Muscat of Hamburg<br>Vitis 42 (4) 193-197<br>2003<br>https://doi.org/10.5073/vitis.2003.42.193-197 | 35 |
| 40895 | D'ONOFRIO, C.; TUMINO, G.; GARDIMAN, M.; CRESPAN, M.; BIGNAMI, C.; DE PALMA, L.; BARBAGALLO, M. G.; MUGANU, M.; MORCIA, C.; NOVELLO, V.; SCHNEIDER, A.; TERZI, V.<br>Parentage Atlas of Italian Grapevine Varieties as Inferred From SNP Genotyping<br>Frontiers in Plant Science (11) 16 pp.<br>2021<br>https://doi.org/10.3389/fpls.2020.605934 | |
| 1337 | FEDOSOV, D. Y.; KORZHENKOV, A. A.; PETROVA, K. O.; SAPSAY, A. O.; SHARKO, F. S.; TOSHCHAKOV, S. V.; KOLOSOVA, A. A.; BAKHMUTOVA, E. D.; PATRUSHEV, M. V.<br>SNP-based analysis reveals authenticity and genetic similarity of Russian indigenous V. vinifera grape cultivars<br>Plants 10 (12, Art. 2696) 12 pp.<br>2021<br>https://doi.org/10.3390/plants10122696 | |

**Source of SSR-marker data**

| Source code | Bibliography | Number of loci analysed |
|---|---|---|
| 40347 | GHAFFARI, S.; HASNAOUI, N.; ZINELABIDINE, L. H.; FERCHICHI, A.; MARTINEZ-ZAPATER, J. M.; IBANEZ, J.<br>Genetic diversity and parentage of Tunisian wild and cultivated grapevines (*Vitis vinifera* L.) as revealed by single nucleotide polymorphism (SNP) markers<br>Tree Genetics and Genomes 10 (4) 1103-1112<br>2014<br>https://dx.doi.org/10.1007/s11295-014-0746-9 | |
| 40151 | IBANEZ, J.; VARGAS, A. M.; PALANCAR, M.; BORREGO, J.; ANDRES, M. T. DE<br>Genetic relationships among table-grape varieties<br>American Journal of Enology and Viticulture 60 (1) 35-42<br>2009 | 25 |
| 40858 | KARASTAN, O. M.; MULIUKINA, N. A.; PAPINA, O. S.<br>Verification of grape pedigree by microsatellite analysis<br>Cytology and Genetics 52 (5) 331-342<br>2018<br>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.<br>Large-scale parentage analysis in an extended set of grapevine cultivars (*Vitis vinifera* L.)<br>Theoretical Applied Genetics 126 (2) 401-414<br>2013<br>https://doi.org/10.1007/s00122-012-1988-2 | 20 |
| 40902 | RIAZ, S.; PAP, D.; URETSKY, J.; LAUCOU, V.; BOURSIQUOT, J. M.; KOCSIS, L.; WALKER, M. A.<br>Genetic diversity and parentage analysis of grape rootstocks<br>Theoretical and Applied Genetics 132 (6) 1847-1860<br>2019<br>https://dx.doi.org/10.1007/s00122-019-03320-5 | 21 |

Prime name of pedigree parent 1: **?**
Prime name of pedigree parent 2: **MUSCAT OF ALEXANDRIA B**

**Source of SSR-marker data**

| Source code | Bibliography | Number of loci analysed |
|---|---|---|
| 40025 | CRESPAN, M.; MILANI, N.<br>The Muscats: A molecular analysis of synonyms, homonyms and genetic relationships within a large family of grapevine cultivars<br>Vitis 40 (1) 23-30<br>2001<br>https://doi.org/10.5073/vitis.2001.40.23-30 | 25 |