

Pedigree confirmed by markers

Prime name: **FREEDOM N**

Variety number VIVC: **4235**

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: FRESNO 1613- 59 Prime name of pedigree parent 2: DOG RIDGE 5		
Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
40189	GARRIS, AMANDA; COUSINS, PETER; RAMMING, DAVID; BALDO, ANGELA Parentage analysis of Freedom rootstock American Journal of Enology and Viticulture 60 (3) 357-361 2009	30

Prime name of pedigree parent 1: FRESNO 1613- 59 Prime name of pedigree parent 2: ?		
Source of SSR-marker data		
Source code	Bibliography	Number of loci analysed
40902	RIAZ, S.; PAP, D.; URETSKY, J.; LAUCOU, V.; BOURSICQUOT, J. M.; KOCSIS, L.; WALKER, M. A. Genetic diversity and parentage analysis of grape rootstocks Theoretical and Applied Genetics 132 (6) 1847-1860 2019 https://dx.doi.org/10.1007/s00122-019-03320-5	21