

## **GENOMIC EXPLORATION OF DIVERSITY IN ITALIAN GRAPE GERMPLASM**

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### *Vitis, genotyping, aroma*

Germplasm of Italian grapes, belonging to public and private institutions collections and including both wine and table varieties with wide range of cultivation areas, together with genotypes that are only locally cultivated or that are characterized by peculiar qualitative traits has been studied. Genome profiling and diversity analysis have been based on SNP and InDels analysis. Moreover, a subset of the collection, constituted by 70 Muscat and Muscat-like aromatic varieties, has been characterized for haplotype variation in genes involved in determining muscat flavour.

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