ON THE COVER

An early illustration of a Mediterranean blood orange by P.A. Poiteau. Color drawing in the Redouté-Bessa style of "Orange de Malte" (Maltaise Sanguine). Original photograph from Histoire Naturelle des Orangers, published in 1818 by P.A. Poiteau and J.A. Risso. The article by Butelli et al (1242–1255) establishes that all ‘Mediterranean blood oranges’ have been derived from a single event involving insertion of a retroelement upstream of the Ruby gene, which regulates anthocyanin production. The retroelement provides a promoter for expression of the Ruby gene, which is fruit specific and induced by low temperature during fruit ripening and post harvest.

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CORRECTION


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