

T H E
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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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