

[Development and characterization of an eggplant \(*Solanum melongena*\) doubled haploid population and a doubled haploid line with high androgenic response | SpringerLink](https://link.springer.com/article/10.1007/s10681-017-1879-3)

The screenshot shows a web browser displaying the SpringerLink article page. The browser's address bar shows the URL: <https://link.springer.com/article/10.1007/s10681-017-1879-3>. The page header includes the SpringerLink logo and a search bar. The article title is "Development and characterization of an eggplant (*Solanum melongena*) doubled haploid population and a doubled haploid line with high androgenic response". The authors listed are Alba Rivas-Sendra, Manuel Campos-Vega, Antonio Caraball-Serna, and Jose M. Seguí-Simarro. The article is published in Euphytica, volume 213, issue 89, in 2017. It has 1001 accesses and 18 citations. The abstract text reads: "We developed an eggplant doubled haploid (DH) population from a commercial hybrid through androgenesis in microspore culture. Morphological variation, reproductive ability and androgenic responsiveness were evaluated. The DH population showed segregation in vegetative traits related to leaf, flower and fruit, and in reproductive traits such as fruit and seed setting or germination rate. The DH population and subsequent generations also presented variation in the androgenic response, with null, low and high response lines. From this population, we were able to identify the first eggplant highly androgenic DH line (DH36), remarkably similar to the donor hybrid in terms of morphology and reproductive ability, but stably producing four times more calli than the hybrid. The segregating DH population is potentially useful for genetic studies and mapping of several traits, whereas the highly androgenic line DH36 may be used as a model line to facilitate the study of eggplant androgenesis and embryogenesis for both basic and applied research." On the right side of the page, there is a "Buy article PDF" button for USD 39.95, with a note that the price includes VAT (Ecuador) and provides instant access to the full article PDF. Below this, there are links for "Rent this article via DeepDyve" and "Learn more about institutional subscriptions". A "Sections" menu is visible at the bottom right, listing "Abstract", "References", and "Acknowledgements". The Windows taskbar at the bottom shows the system clock as 03:34 p.m. on 03/04/2023.