

Analysis of maize meiotic mutants to fix heterosis

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 42
http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

Application of the pathogen Trojan horse approach in maize (*Zea mays*)

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla**; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Biomolecular interpretation of the Trojan horse myth : use of *Ustilago maydis* to analyze the function of maize (*Zea mays*) MAC1

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 50
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Calculations of activation energy and frequency factors for corn leaf pyrolysis using excel solver: new concept

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Characterization of ms32, a bHLH gene required for tapetum development in maize

Moon, Jihyun; Kremling, Karl; **Timofejeva, Ljudmilla** 54th Annual Maize Genetics Conference : program and abstracts : March 15-18, 2012, Portland, Oregon 2012 / p. 97, P104

Characterization of novel anther mutants in maize

Moon, Jihyun; **Timofejeva, Ljudmilla**; Lee, Sidae 53rd Annual Maize Genetics Conference Abstracts : St. Charles, Illinois, USA, March 17-20, 2011 2011 / p. P096

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Maize meiosis and collection of meiotic mutants

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Pathogen Trojan horse delivers bioactive host protein to alter maize anther cell behavior in situ

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Regulation of cell divisions and differentiation by MALE STERILITY32 is required for anther development in maize

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The characterization of maize null mutants of SPO11-1 reveals its role in the conformation of chromosome axes during meiosis

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The collection of maize meiotic mutants illuminates the process of recombination during the leptotene stage

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Variable lobes, a polarity-affected anther mutant in maize

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