

Alleles of *afd1* dissect REC8 functions during meiotic prophase I

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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
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ASK1, a SKP1 homolog, is required for nuclear reorganization, presynaptic homolog juxtaposition and the proper distribution of cohesin during meiosis in Arabidopsis

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

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Characterization of a recombination hotspot in wheat using flow-sorted pollen nuclei and digital PCR

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Dissecting meiosis in rye using translational proteomics

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Maize meiosis and collection of meiotic mutants

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Maize meiotic mutants with improper or non-homologous synapsis due to problems in pairing or synaptonemal complex formation

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Meiotic mutants affecting homologous synapsis

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Preparing thin sections of meiotic nuclei for transmission electron microscopy

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

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