

A REC8-dependent plant Shugoshin is required for maintenance of centromeric cohesion during meiosis and has no mitotic functions

Hamant, Olivier; Golubovskaya, Inna; Meely, Robert; Fiume, Elisa; **Timofejeva, Ljudmilla**; Schleiffer, Alexander; Nasmyth, Kim; Cande, W.Zacheus Current biology : CB 2005 / 10, p. 948-954 <https://pubmed.ncbi.nlm.nih.gov/15916952/>

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 http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

Is the maize ortholog of the yeast Pch2 (Pachytene checkpoint 2) involved in meiotic surveillance?

Timofejeva, Ljudmilla; Golubovskaya, Inna; **Relvik, Tõnis**; Pawlowski, W.; **Truve, Erkki** EMBO Meiosis Conference 2015 : St Catherine's College, Oxford, UK 2015 / p. 183

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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Novel maize mutants impaired in cell differentiation during anther development

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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

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 55th Annual Maize Genetics Conference : program and abstracts : March 14-March 17, 2013, Pheasant Run, St. Charles, Illinois 2013 / p. 128