

**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

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

Golubovskaya, Inna; Hamant, Olivier; **Timofejeva, Ljudmilla**; Wang, Chung-Ju; Braun, David; Meeley, Robert; Cande, W.Zacheus Journal of cell science 2006 / 16, p. 3306-3315 : ill  
[https://www.researchgate.net/publication/6918359\\_Alleles\\_of\\_afd1\\_dissect\\_REC8\\_functions\\_during\\_meiotic\\_prophase\\_I](https://www.researchgate.net/publication/6918359_Alleles_of_afd1_dissect_REC8_functions_during_meiotic_prophase_I)

**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](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**

Golubovskaya, Inna; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, W.Zacheus Journal of experimental botany 2011 / p. 1533-1544 : ill <https://pubmed.ncbi.nlm.nih.gov/20926553/>

**Meiotic mutants affecting homologous synapsis**

Golubovskaya, Inna; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, Zac 52nd Annual Maize Genetics Conference : Riva del Garda (Trento), Italy, March 18-21, 2010 2010 / p. 65

**Novel maize mutants impaired in cell differentiation during anther development**

**Timofejeva, Ljudmilla**; Lee, Sidae; Skibbe, David; Golubovskaya, Inna; Wang, Chung-Ju; Harper, Lisa; Walbot, Virginia; Cande, Zac 52nd Annual Maize Genetics Conference : Riva del Garda (Trento), Italy, March 18-21, 2010 2010 / p. 85

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

Ronceret, Armand; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 54th Annual Maize Genetics Conference : program and abstracts : March 15-18, 2012, Portland, Oregon 2012 / p. 93, P095

**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