

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

An actin cytoskeleton with evolutionarily conserved functions in the absence of canonical actin-binding proteins

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Analysis of maize meiotic mutants to fix heterosis

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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](#)

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

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Colinearity-based marker mining for high density mapping of the wheat powdery mildew resistance locus *QPm.tut-4A*

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Combined approaches toward mapping and cloning of powdery mildew resistance gene *QPm.tut-4A* introgressed to bread wheat from *T. militinae*

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