

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

Abrouk, Michael; Zwyrtkova, Jana; Christelova, Pavla; **Jakobson, Irena; Järve, Kadri** International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0843, p. [230-231] <http://www.intpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

Characterization of new allele influencing flowering time in bread wheat introgressed from *Triticum militinae*

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The chromatin determinants and Ph1 gene effect at wheat sites with contrasting recombination frequency

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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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A common wheat line showing *Triticum militinae*-derived adult-plant resistance to powdery mildew

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Construction of physical map for the locus introgressed to bread wheat from *Triticum militinae* conferring powdery mildew resistance

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Divergence between bread wheat and *Triticum militinae* in the powdery mildew resistance QPm.tut4A locus and its implications for cloning of the resistance gene

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Efficiency of the *Triticum militinae*-derived powdery mildew resistance gene QPm.tut-4A on different genetic backgrounds

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Fine mapping, phenotypic characterization and validation of non-race-specific resistance to powdery mildew in a wheat-*Triticum militinae* introgression line

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High density mapping of powdery mildew resistance gene Qpm.Tut-4A introgressed to bread wheat from *Triticum militinae*

Kominkova, Eva; Balcarkova, Barbora; Abrouk, Michael; **Reis, Diana; Jakobson, Irena; Peuša, Hilma; Järve, Kadri; Timofejeva, Ljudmilla**; Doležel, Jaroslav; Valarik, Miroslav Plant and Animal Genome Conference XXIV : the International Conference on the Status of Plant & Animal Genome Research : January 9-13, 2016, Town & Country Hotel, San Diego, CA 2016 / p. P0872 : ill

In silico identification and characterization of wheat 4AL - Triticum militinae introgression

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Precise mapping the powdery mildew resistance locus QPm.tut-4A in wheat using barley, brachypodium, and rice collinear regions

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Structural variations of T. militinae locus introgressed into wheat chromosome arm 4AL and conferring improved powdery mildew resistance

Kominkova, Eva; **Jakobson, Irena; Järve, Kadri; Peuša, Hilma**; Abrouk, Michael; **Timofejeva, Ljudmilla**; Doležel, Jaroslav; Valarik, Miroslav International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0896, p. [245] <http://www.intpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

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Towards cloning the powdery mildew resistance gene QPm.tut-4A introgressed to bread wheat from T. militinae

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Uus nisu ei haigestu seenhaigustesse

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