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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*

Kladivova, Monika; Klocova, Barbora; **Reis, Diana; Jakobson, Irena; Peuša, Hilma; Järve, Kadri; Timofejeva, Ljudmilla**
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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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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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Foliar resistance to the late blight pathogen *Phytophthora infestans* (Mont.) de Bary in a backcross of potato (*Solanum tuberosum* L.) cultivar Ando

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

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

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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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***Triticum militinae* introgressions into bread wheat affect host responses to powdery mildew challenge [Online resource]**

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