

GrainGenes: An Update of Oat-Related Tools Featuring the 2018 Consensus Maps

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GrainGenes (wheat.pw.usda.gov) is the USDA-ARS Web resource for genetic and genomic information for wheat, barley, rye, and oats. The addition of the Oat-2018-Consensus map dataset (Bekele, *et al.*) curated in collaboration with colleagues at Agriculture and Agri-Food Canada (AAFC) brings the collection of oat map sets in GrainGenes to 38. An inventory of the oat-related resources in GrainGenes will be presented including BLAST searches of oat sequence collections, an oat-specific genome browser, marker types, germplasm, and mapping data. A step-by-step instructional figure will provide a brief illustration on the use of CMap to compare the wealth of mapping data among the densely populated maps now available for *Avena*. GrainGenes curation staff will be available throughout the AOWC meeting for hands on consultation and can always be reached via the Feedback links throughout the Website and database.