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ORIGINAL RESEARCH

A SNP Genotyping Array for Hexaploid Oat

Nicholas A. Tinker,^{*†} Shiaoman Chao,[†] Gerard R. Lazo, Rebekah E. Oliver, Yung-Fen Huang, Jesse A. Poland, Eric N. Jellen, Peter J. Maughan, Andrzej Kilian, and Eric W. Jackson

Abstract

Recognizing a need in cultivated hexaploid oat (*Avena sativa* L.) for a reliable set of reference single nucleotide polymorphisms (SNPs), we have developed a 6000 (6K) BeadChip design containing 257 Infinium I and 5486 Infinium II designs correspond-

OAT IS AN IMPORTANT cereal crop grown throughout most of the world. In cultivated hexaploid oat, as in most other crop species, there has been considerable interest in developing efficient SNP genotyping methods to facilitate genomic discovery and molecular breeding.